DAIKIN

ED341107

R-410A

Engineering Data

VRV III®

THE INTELLIGENT AIR CONDITIONING SYSTEM

Normal Type (Space Saving Type)

RXYQ5-54PAY1(E)
RXYQ5-54PAYL(E)
RXYQ5-54PTL(E)

High COP Type (Energy Saving Type)

RXYQ16-50PAHY1(E)
RXYQ16-50PAHYL(E)
RXYQ16-50PHTL(E)

Heat Pump 50/60Hz

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1. Introduction

Preface

Along higher quality building environment and more sophisticated building function, there is now a greater demand for system expansion for a flexible air-conditioning system capable of finer air-conditioning, thus increasing importance of individual air-conditioning systems. On the other hand, due to social significance of environmental and energy problems, elements such as energy-efficiency and low maintenance are still strongly desired.

Daikin is the sole air conditioning company in the world that manufactures every component from refrigerant to complete air conditioning systems itself. Our commitment to offering the best for people as well as the environment inspires us to develop new systems that make the most effective use of energy resources.
Daikin, the first in the industry to develop the VRV system, has now enhanced the R-410A, R-22 with the Inverter that features an upgraded capacity of up to 54 horsepower to further refine all the features of the current VRV system.

This publication contains a variety of information related to the design and installation of this new VRV System. We hope this information will serve to deepen your understanding of the system, and will help you to efficiently develop its highly evolved characteristics.

Global Operations Division
DAIKIN INDUSTRIES, LTD.

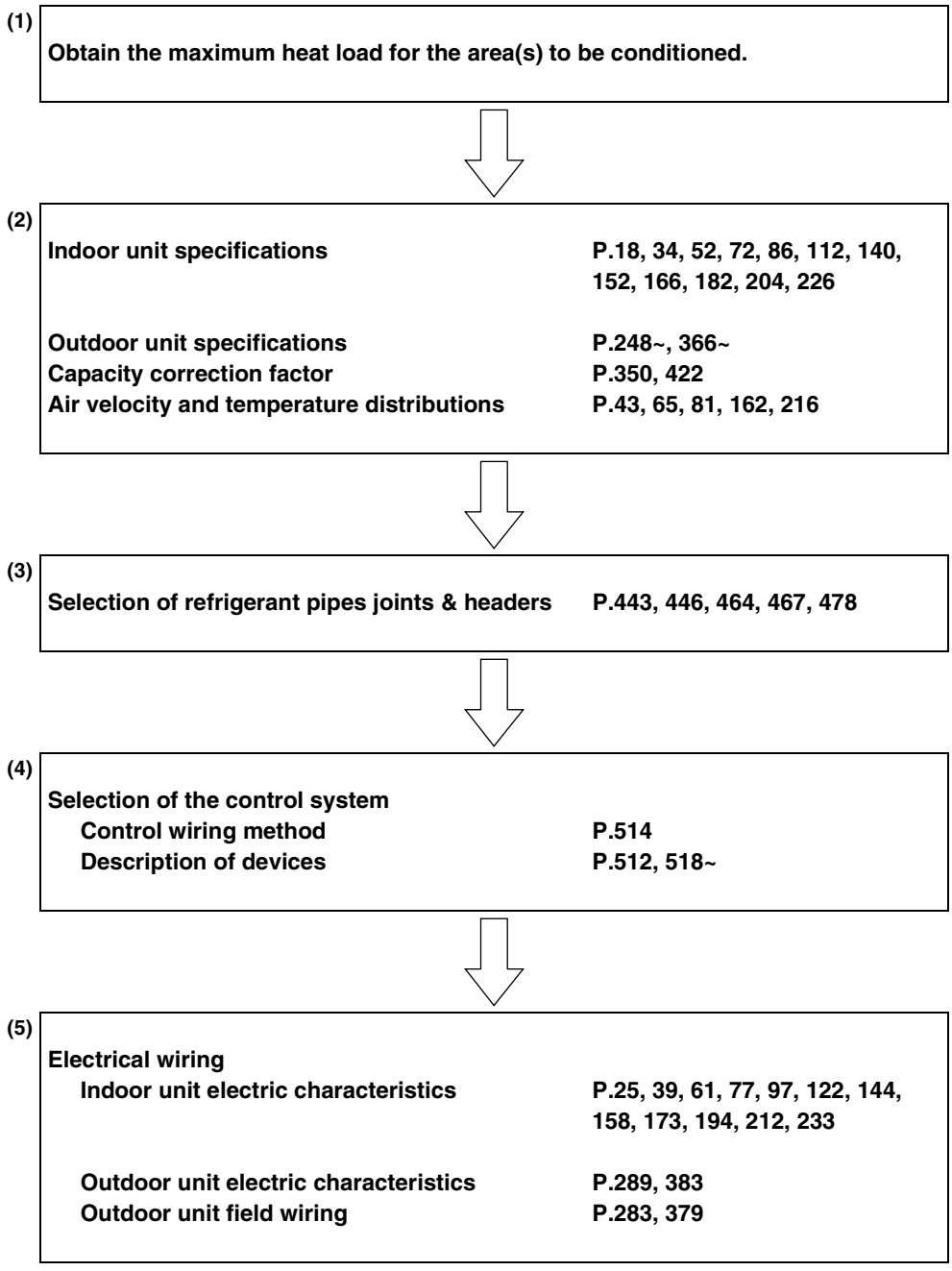
2. Publication list of VRV Engineering Data

Refrigerant	Type	Product	Series	Book No.	Hz, Type	Model name	Area	Note	Published in
R-410A	Air cooled	VRVIII	Inverter P(A)	ED34-845A	50/60Hz H/P	Normal type RXYQ5-54PAY1(E) RXYQ5-54PAYL(E) RXYQ5-54PTL(E) High COP type RXYQ16-50PAHY1(E) RXYQ16-50PAHYL(E) RXYQ16-50PHTL(E)	General	**VRVIII Heat pump** ■ Reduction of refrigerant amount to less than 12 kg	Oct. 2008
				ED341107	50/60Hz H/P	Normal type RXYQ5-54PAY1(E) RXYQ5-54PAYL(E) RXYQ5-54PTL(E) High COP type RXYQ16-50PAHY1(E) RXYQ16-50PAHYL(E) RXYQ16-50PHTL(E)	General	**VRVIII Heat pump** ■ Addition of FXZQ-MVE and FXMQ140PVE to ED34-845A ■ Deletion of FXSQ-MVE from ED34-845A	Mar. 2011
				ED341015	50Hz C/O	Normal type RXQ5-54PAY1 High COP type RXQ16-50PAHY1	General	**VRVIII Cooling only**	Dec. 2010
				ED37-750	50Hz H/R	REYQ8-48PY1	General	**VRVIII Heat recovery**	Nov. 2007
		VRVIII-Q		ED341014	50Hz H/P	RQYQ8-48PY1	General	**VRVIII-Q Heat pump** ■ New lineup for replacement use ■ Outdoor unit only	Dec. 2010
		VRVIII-S		ED34-635	50/60Hz C/O 50/60Hz H/P	RX(Y)MQ4-6PVE	General	**VRVIII-S Cooling only, Heat pump**	Jul. 2006
	Water cooled	VRV-WIII		ED30-942	50Hz H/P,H/R 60Hz H/P,H/R	RWEYQ.8-30PY1 RWEYQ10-30YL RWEYQ10-30TL	General	**VRV-WIII Heat pump, Heat recovery** ■ New lineup of Centralized BS units	Dec. 2009
R-22	Air cooled	VRVII	Inverter M(A)	ED38-825	50Hz C/O 50/60Hz H/P	RX(Y)5-48MAY1 RX(Y)5-48MAYL RX(Y)5-48MATL	General	**VRVII Cooling only, Heat pump**	Oct. 2008
		VRVII-S		ED38-329	50Hz C/O 50/60Hz H/P	RXM4-6MVM RXYM4-6MVM(T)	General	**VRVII-S Cooling only, Heat Pump**	Jan. 2004
		VRVII VRVII-S		ED38-727	50Hz C/O 50/60Hz H/P	RXM8-10MAY1 RXM4-6MVM RXYM4-6MVM(T)	General	**VRVII Cooling only** **VRVII-S Coling only, Heat pump**	Dec. 2007
For all type				OH10-01	50/60Hz	For indoor and outdoor units	General	**Option handbook**	Sep. 2010
HRV (VAM)			GJ	ED71-613	50/60Hz	VAM150-2000GJVE	General	**HRV** ■ New lineup from FA to GA series	Feb. 2006
HRV (VKM)			GA(M)	ED71-440A	50Hz	VKM50-100GAMV1 VKM50-100GAV1	General	**HRV** ■ With DX coil and humidifier (VKM-GAM) ■ With DX coil (VKM-GA)	Feb. 2007

This time we publish **ED341107** as shown by .

H/P: Heat Pump
H/R: Heat Recovery
C/O: Cooling Only

3. Step by Step VRV System Selection Process (Reference)



Part 1
General Information

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1. Model Names of Indoor/Outdoor Units

1.1 Indoor Units

Indoor Units

Capacity range		0.8HP	1HP	1.25HP	1.6HP	2HP	2.5HP	3.2HP	4HP	5HP	6HP	8HP	10HP	Power Supply
Capacity index		20	25	31.25	40	50	62.5	80	100	125	140	200	250	
Ceiling Mounted Cassette Type (Round Flow)	FXFQ	—	25P	32P	40P	50P	63P	80P	100P	125P	—	—	—	VE
Ceiling Mounted Cassette (Compact Multi Flow) Type	FXZQ	20M	25M	32M	40M	50M	—	—	—	—	—	—	—	
Ceiling Mounted Cassette Type (Double Flow)	FXCQ	20M	25M	32M	40M	50M	63M	80M	—	125M	—	—	—	
Ceiling Mounted Cassette Corner Type	FXKQ	—	25MA	32MA	40MA	—	63MA	—	—	—	—	—	—	
Slim Ceiling Mounted Duct Type	FXDQ-PBVE	20PB	25PB	32PB	—	—	—	—	—	—	—	—	—	
	FXDQ-PBVET	20PB	25PB	32PB	—	—	—	—	—	—	—	—	—	
	FXDQ-NBVE	—	—	—	40NB	50NB	63NB	—	—	—	—	—	—	
	FXDQ-NBVET	—	—	—	40NB	50NB	63NB	—	—	—	—	—	—	
Ceiling Mounted Duct Type (Middle and high static pressure)	FXMQ	20P	25P	32P	40P	50P	63P	80P	100P	125P	140P	—	—	
Ceiling Mounted Duct Type	FXMQ	—	—	—	—	—	—	—	—	—	—	200MA	250MA	
Ceiling Suspended Type	FXHQ	—	—	32MA	—	—	63MA	—	100MA	—	—	—	—	
Wall Mounted Type	FXAQ	20MA	25MA	32MA	40MA	50MA	63MA	—	—	—	—	—	—	
Floor Standing Type	FXLQ	20MA	25MA	32MA	40MA	50MA	63MA	—	—	—	—	—	—	
Concealed Floor Standing Type	FXNQ	20MA	25MA	32MA	40MA	50MA	63MA	—	—	—	—	—	—	

Note: FXDQ has following 2 series, as shown below.
FXDQ-PBVET, NBVET: without a Drain Pump (For General, Asia: except for EU, China and Australia)
FXDQ-PBVE, NBVE: with a Drain Pump

Connection unit series indoor units

Capacity range		3HP	4HP	5HP	Power Supply
Capacity index		71	100	125	
Ceiling Suspended Cassette Type	FXUQ	71MA	100MA	125MA	V1
Connection Unit for FXUQ	BEVQ	71MA	100MA	125MA	VE

Note: BEV unit is required for FXUQ only.

VE: 1 phase, 220-240/220V, 50/60Hz
V1: 1 phase, 220-240V, 50Hz

1.2 Outdoor Units

Normal Type (Space Saving Type)

Series	Model Name									Power Supply
Heat Pump	RXYQ	5PA	8PA	10PA	12PA	14PA	16PA	18PA	20PA	22PA	Y1(E) YL(E)
		24PA	26PA	28PA	30PA	32PA	34PA	36PA	38PA	40PA	
		42PA	44PA	46PA	48PA	50PA	52PA	54PA	—	—	
		5P	8P	10P	12P	14P	16P	18P	20P	22P	TL(E)
		24P	26P	28P	30P	32P	34P	36P	38P	40P	
		42P	44P	46P	48P	50P	52P	54P	—	—	

High COP Type (Energy Saving Type)

Series	Model Name									Power Supply
Heat Pump	RXYQ	16PAH	18PAH	24PAH	26PAH	28PAH	30PAH	32PAH	34PAH	36PAH	Y1(E) YL(E)
		38PAH	40PAH	42PAH	44PAH	46PAH	48PAH	50PAH	—	—	
		16PH	18PH	24PH	26PH	28PH	30PH	32PH	34PH	36PH	TL(E)
		38PH	40PH	42PH	44PH	46PH	48PH	50PH	—	—	

E: The unit with anti corrosion treatment

Combination of Outdoor Units (Normal Type (Space Saving Type))

HP	5HP	8HP	10HP	12HP	14HP	16HP	18HP
Model name	**RXYQ5P(A)**	**RXYQ8P(A)**	**RXYQ10P(A)**	**RXYQ12P(A)**	**RXYQ14P(A)**	**RXYQ16P(A)**	**RXYQ18P(A)**

HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP
Model name	**RXYQ20P(A)**	**RXYQ22P(A)**	**RXYQ24P(A)**	**RXYQ26P(A)**	**RXYQ28P(A)**	**RXYQ30P(A)**	**RXYQ32P(A)**
Outdoor unit 1	RXYQ8P(A)	RXYQ10P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ10P(A)	RXYQ12P(A)	RXYQ16P(A)
Outdoor unit 2	RXYQ12P(A)	RXYQ12P(A)	RXYQ16P(A)	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)	RXYQ16P(A)
Outdoor unit 3	–	–	–	–	–	–	–

HP	34HP	36HP	38HP	40HP	42HP	44HP	46HP
Model name	**RXYQ34P(A)**	**RXYQ36P(A)**	**RXYQ38P(A)**	**RXYQ40P(A)**	**RXYQ42P(A)**	**RXYQ44P(A)**	**RXYQ46P(A)**
Outdoor unit 1	RXYQ16P(A)	RXYQ18P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ10P(A)
Outdoor unit 2	RXYQ18P(A)	RXYQ18P(A)	RXYQ12P(A)	RXYQ16P(A)	RXYQ16P(A)	RXYQ18P(A)	RXYQ18P(A)
Outdoor unit 3	–	–	RXYQ18P(A)	RXYQ16P(A)	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)

HP	48HP	50HP	52HP	54HP
Model name	**RXYQ48P(A)**	**RXYQ50P(A)**	**RXYQ52P(A)**	**RXYQ54P(A)**
Outdoor unit 1	RXYQ12P(A)	RXYQ14P(A)	RXYQ16P(A)	RXYQ18P(A)
Outdoor unit 2	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)
Outdoor unit 3	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)	RXYQ18P(A)

Combination of Outdoor Units (High COP Type (Energy Saving Type))

HP	16HP	18HP	24HP	26HP	28HP	30HP	32HP
Model name	**RXYQ16P(A)H**	**RXYQ18P(A)H**	**RXYQ24P(A)H**	**RXYQ26P(A)H**	**RXYQ28P(A)H**	**RXYQ30P(A)H**	**RXYQ32P(A)H**
Outdoor unit 1	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)
Outdoor unit 2	RXYQ8P(A)	RXYQ10P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ8P(A)	RXYQ10P(A)	RXYQ12P(A)
Outdoor unit 3	–	–	RXYQ8P(A)	RXYQ10P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)

HP	34HP	36HP	38HP	40HP	42HP	44HP	46HP
Model name	**RXYQ34P(A)H**	**RXYQ36P(A)H**	**RXYQ38P(A)H**	**RXYQ40P(A)H**	**RXYQ42P(A)H**	**RXYQ44P(A)H**	**RXYQ46P(A)H**
Outdoor unit 1	RXYQ10P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)
Outdoor unit 2	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ12P(A)	RXYQ16P(A)	RXYQ16P(A)
Outdoor unit 3	RXYQ12P(A)	RXYQ12P(A)	RXYQ14P(A)	RXYQ16P(A)	RXYQ18P(A)	RXYQ16P(A)	RXYQ18P(A)

HP	48HP	50HP
Model name	**RXYQ48P(A)H**	**RXYQ50P(A)H**
Outdoor unit 1	RXYQ16P(A)	RXYQ16P(A)
Outdoor unit 2	RXYQ16P(A)	RXYQ16P(A)
Outdoor unit 3	RXYQ16P(A)	RXYQ18P(A)

Y1: 3 phase, 380-415V, 50Hz
YL: 3 phase, 380V, 60Hz
TL: 3 phase, 220V, 60Hz

1.3 Air Treatment Equipment

Outdoor air processing unit

Series	Model name			Power supply
FXMQ	125MF	200MF	250MF	V1

HRV units (VKM series)

Series		Model name			Power supply
HRV units with DX coil	VKM	50GA	80GA	100GA	V1
HRV units with DX coil and humidifier		50GAM	80GAM	100GAM	

Note: For details, refer to Engineering Data ED71-440A.

HRV units (VAM series)

Series		Model name								Power supply
HRV units	VAM	150GJ	250GJ	350GJ	500GJ	650GJ	800GJ	1000GJ	1500GJ	2000GJ	VE

Note: For details, refer to Engineering Data ED71-613.

VE: 1 phase, 220-240/220V, 50/60Hz
V1: 1 phase, 220-240V, 50Hz

2. External Appearance

2.1 Indoor Units

Ceiling mounted cassette (Round flow) type

FXFQ25PVE
FXFQ32PVE
FXFQ40PVE
FXFQ50PVE
FXFQ63PVE
FXFQ80PVE
FXFQ100PVE
FXFQ125PVE

Ceiling mounted duct type

FXMQ200MAVE
FXMQ250MAVE

Ceiling mounted cassette (Compact multi flow) type

FXZQ20MVE
FXZQ25MVE
FXZQ32MVE
FXZQ40MVE
FXZQ50MVE

Ceiling suspended type

FXHQ32MAVE
FXHQ63MAVE
FXHQ100MAVE

Ceiling mounted cassette (Double flow) type

FXCQ20MVE
FXCQ25MVE
FXCQ32MVE
FXCQ40MVE
FXCQ50MVE
FXCQ63MVE
FXCQ80MVE
FXCQ125MVE

Wall mounted type

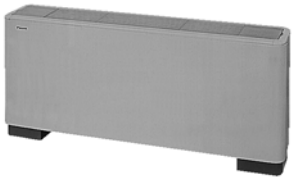
FXAQ20MAVE
FXAQ25MAVE
FXAQ32MAVE
FXAQ40MAVE
FXAQ50MAVE
FXAQ63MAVE

Ceiling mounted cassette corner type

FXKQ25MAVE
FXKQ32MAVE
FXKQ40MAVE
FXKQ63MAVE

Floor standing type

FXLQ20MAVE
FXLQ25MAVE
FXLQ32MAVE
FXLQ40MAVE
FXLQ50MAVE
FXLQ63MAVE



Slim ceiling mounted duct type

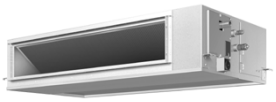
FXDQ20PBVE/FXDQ20PBVET
FXDQ25PBVE/FXDQ25PBVET
FXDQ32PBVE/FXDQ32PBVET
FXDQ40NBVE/FXDQ40NBVET
FXDQ50NBVE/FXDQ50NBVET
FXDQ63NBVE/FXDQ63NBVET
with a Drain Pump (VE)
without a Drain Pump (VET)

Concealed floor standing type

FXNQ20MAVE
FXNQ25MAVE
FXNQ32MAVE
FXNQ40MAVE
FXNQ50MAVE
FXNQ63MAVE

Ceiling mounted duct type (Middle and high static pressure)

FXMQ20PVE FXMQ63PVE
FXMQ25PVE FXMQ80PVE
FXMQ32PVE FXMQ100PVE
FXMQ40PVE FXMQ125PVE
FXMQ50PVE FXMQ140PVE



Ceiling suspended cassette type

50Hz
FXUQ71MAV1 + BEVQ71MAVE
FXUQ100MAV1 + BEVQ100MAVE
FXUQ125MAV1 + BEVQ125MAVE

Connection unit

2.2 Outdoor Units

Normal Type (Space Saving Type)

RXYQ5P(A)	RXYQ8P(A), 10P(A)	RXYQ12P(A), 14P(A), 16P(A), 18P(A)
5HP	8, 10HP	12, 14, 16, 18HP

RXYQ20P(A), 22P(A), 24P(A), 26P(A), 28P(A)	RXYQ30P(A), 32P(A), 34P(A), 36P(A)
20, 22, 24, 26, 28HP	30, 32, 34, 36HP

RXYQ38P(A), 40P(A), 42P(A), 44P(A), 46P(A)	RXYQ48P(A), 50P(A), 52P(A), 54P(A)
38, 40, 42, 44, 46HP	48, 50, 52, 54HP

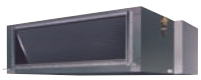
High COP Type (Energy Saving Type)

RXYQ16P(A)H, 18P(A)H	RXYQ24P(A)H, 26P(A)H
16, 18HP	24, 26HP
RXYQ28P(A)H, 30P(A)H	**RXYQ32P(A)H, 34P(A)H**
28, 30HP	32, 34HP

RXYQ36P(A)H, 38P(A)H, 40P(A)H, 42P(A)H, 44P(A)H, 46P(A)H, 48P(A)H, 50P(A)H

36, 38, 40, 42, 44, 46, 48, 50HP

2.3 Air Treatment Equipment

Outdoor air processing unit	HRV units (VKM series)	HRV units (VAM series)
FXMQ125MFV1 FXMQ200MFV1 FXMQ250MFV1 	VKM50GAV1 / VKM50GAMV1 VKM80GAV1 / VKM80GAMV1 VKM100GAV1 / VKM100GAMV1 with DX coil (GA) with DX coil and humidifier (GAM)	VAM150GJVE VAM250GJVE VAM350GJVE VAM500GJVE VAM650GJVE VAM800GJVE VAM1000GJVE VAM1500GJVE VAM2000GJVE

3. Combination of Outdoor Units

Normal Type (Space Saving Type)

System Capacity	Number of units	Module							Outdoor Unit Multi Connection Piping Kit ★1
		5	8	10	12	14	16	18	
5HP	1	●							—
8HP	1		●						
10HP	1			●					
12HP	1				●				
14HP	1					●			
16HP	1						●		
18HP	1							●	
20HP	2		●		●				BHFP22P100
22HP	2			●	●				
24HP	2		●				●		
26HP	2		●					●	
28HP	2			●				●	
30HP	2				●			●	
32HP	2						●●		
34HP	2						●	●	
36HP	2							●●	
38HP	3		●		●			●	BHFP22P151
40HP	3		●				●●		
42HP	3		●				●	●	
44HP	3		●					●●	
46HP	3			●				●●	
48HP	3				●			●●	
50HP	3					●		●●	
52HP	3						●	●●	
54HP	3							●●●	

Note: ★1 For multiple connection of 20HP systems and above, the outdoor unit multi connection piping kit (separately sold) is required.

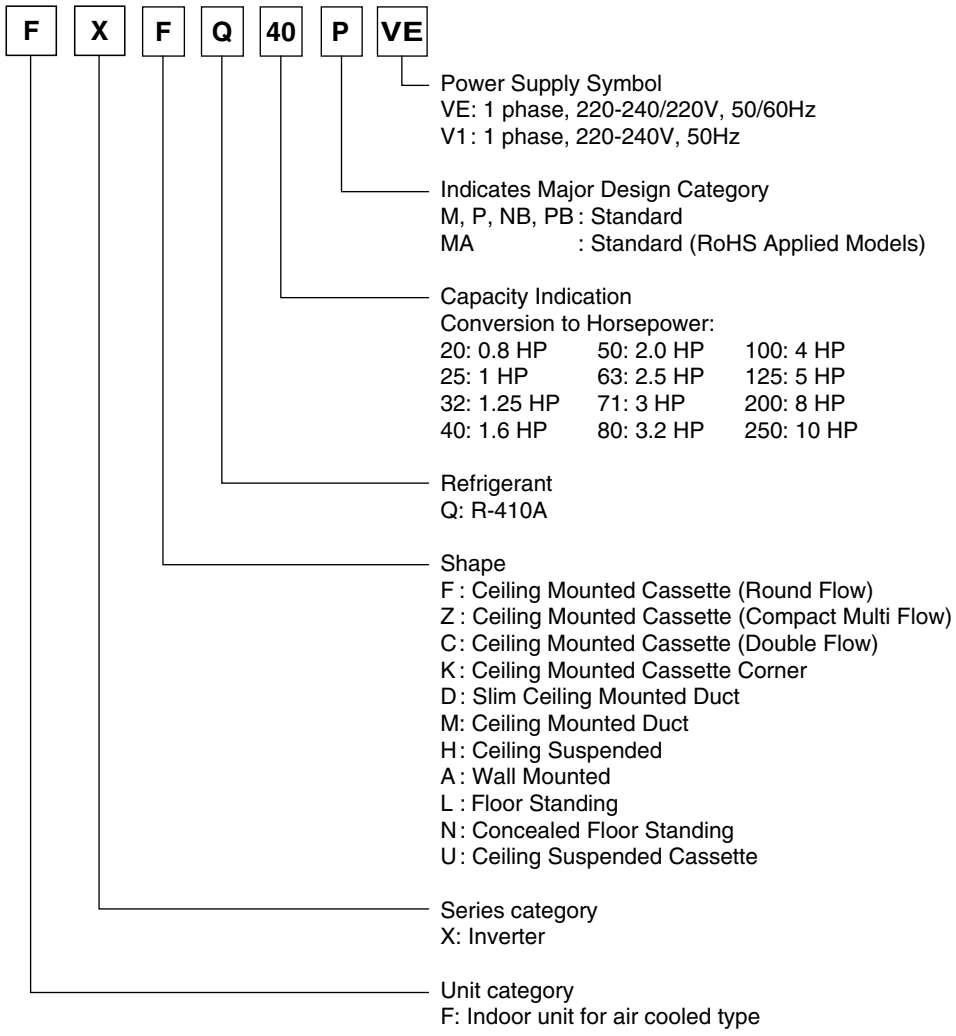
High COP Type (Energy Saving Type)

System Capacity	Number of units	Module						Outdoor Unit Multi Connection Piping Kit ★1
		8	10	12	14	16	18	
16HP	2	●●						BHFP22P100
18HP	2	●	●					
24HP	3	●●●						BHFP22P151
26HP	3	●●	●					
28HP	3	●●		●				
30HP	3	●	●	●				
32HP	3	●		●●				
34HP	3		●	●●				
36HP	3			●●●				
38HP	3			●●	●			
40HP	3			●●		●		
42HP	3			●●			●	
44HP	3			●		●●		
46HP	3			●		●	●	
48HP	3					●●●		
50HP	3					●●	●	

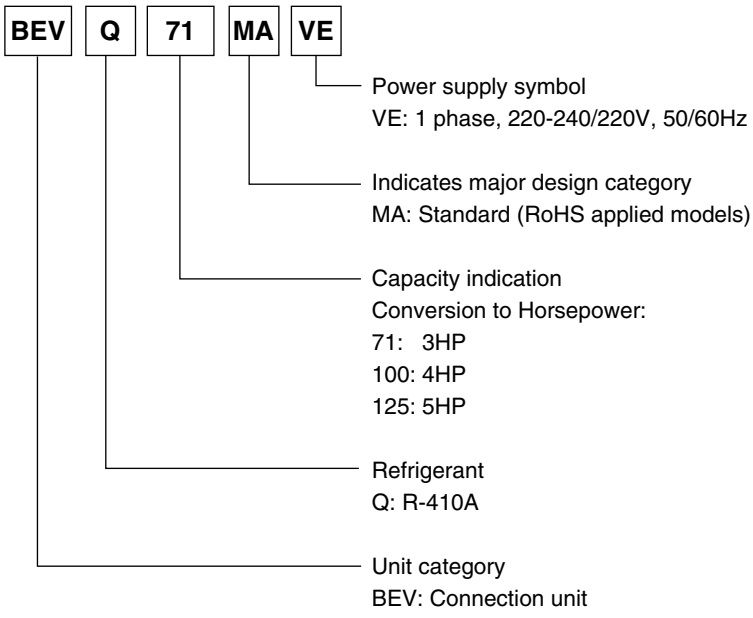
Note: ★1 For multiple connection of 16HP systems and above, the outdoor unit multi connection piping kit (separately sold) is required.

4. Nomenclature

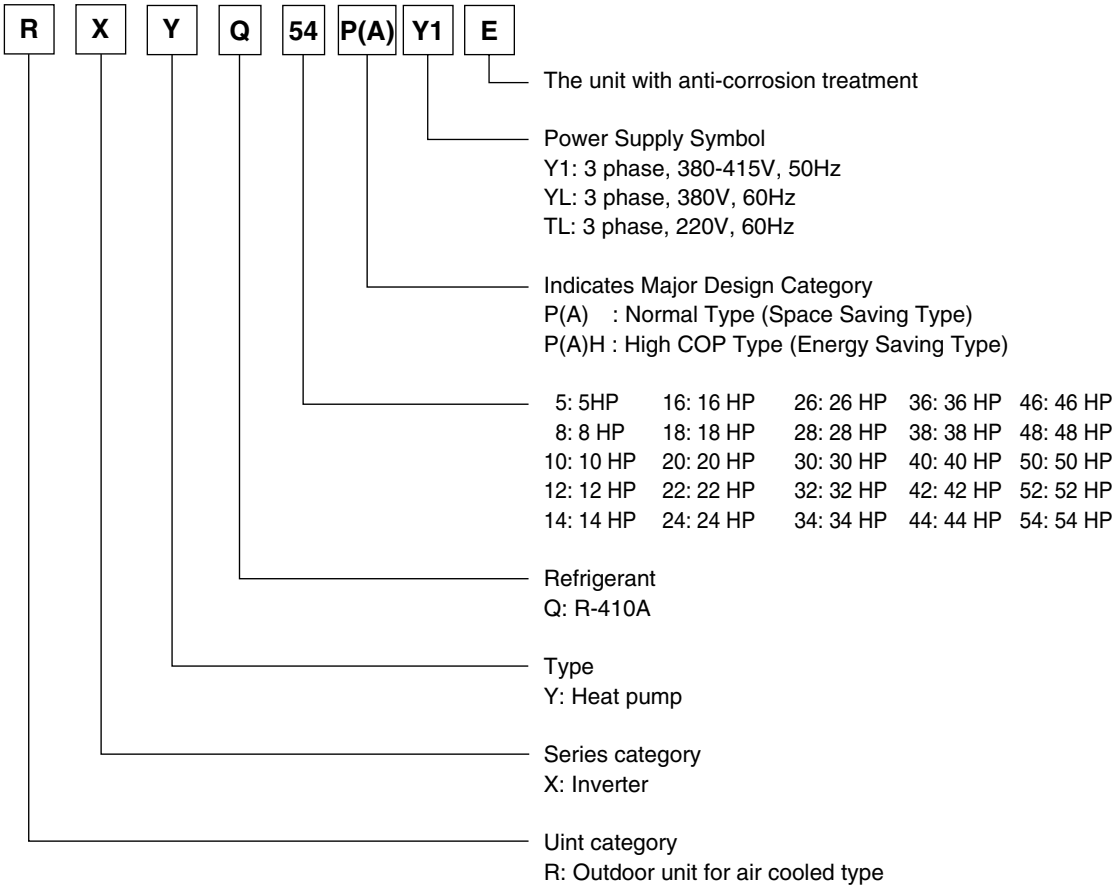
Indoor Unit



Connection Unit

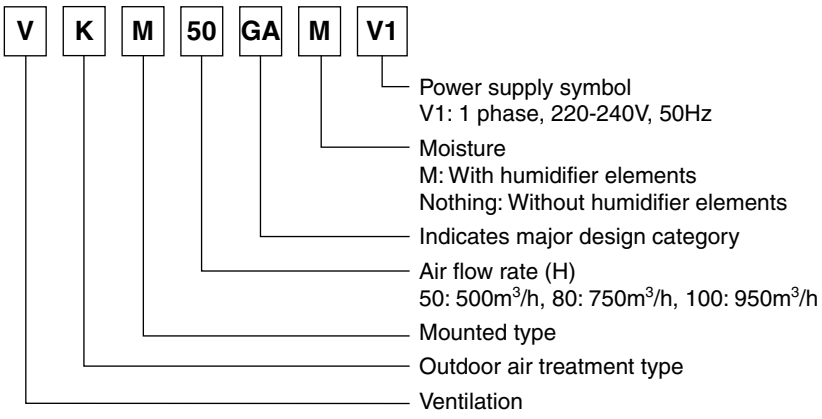


Outdoor Unit

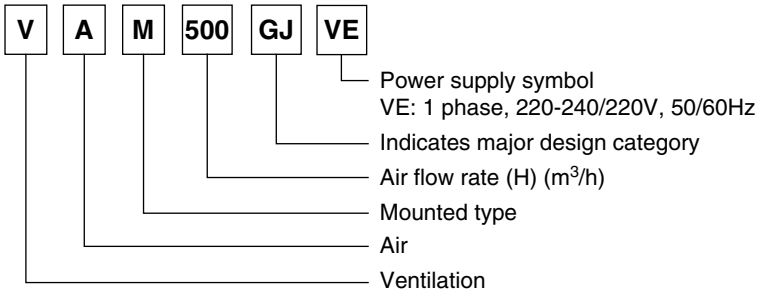


Air Treatment Equipment

HRV units (VKM series)



HRV units (VAM series)



5. Capacity Range

Combination ratio

Connection capacity: 50% - 200%

$$\text{Combination ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Type	Min. combination ratio	Max. combination ratio						
		Types of connected indoor units			Type of connected Air Treatment Equipments			
					VKM		FXMQ-MF	
		FXDQ, FXMQ-P, FXAQ	Including FXFQ25 at least one unit	Other indoor unit models	When VKM is only connected	When VKM and indoor units are connected	When FXMQ-MF is only connected	When FXMQ-MF and indoor units are connected
Single outdoor units	50%	200%	130%	200%	130%	130%	100%	100%*
Double outdoor units				160%				
Triple outdoor units				130%				

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

* When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units.

Outdoor Units

Normal Type (Space Saving Type)

HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2 *3	Maximum number of connectable indoor units *2
5HP	125	RXYQ5P(A)	RXYQ5P(A)	—	62.5 to 162.5 (250)	8 (12)
8HP	200	RXYQ8P(A)	RXYQ8P(A)	—	100 to 260 (400)	13 (20)
10HP	250	RXYQ10P(A)	RXYQ10P(A)	—	125 to 325 (500)	16 (25)
12HP	300	RXYQ12P(A)	RXYQ12P(A)	—	150 to 390 (600)	19 (30)
14HP	350	RXYQ14P(A)	RXYQ14P(A)	—	175 to 455 (700)	22 (35)
16HP	400	RXYQ16P(A)	RXYQ16P(A)	—	200 to 520 (800)	26 (40)
18HP	450	RXYQ18P(A)	RXYQ18P(A)	—	225 to 585 (900)	29 (45)
20HP	500	RXYQ20P(A)	RXYQ8P(A) + RXYQ12P(A)	BHFP22P100	250 to 650 (800)	32 (40)
22HP	550	RXYQ22P(A)	RXYQ10P(A) + RXYQ12P(A)		275 to 715 (880)	35 (44)
24HP	600	RXYQ24P(A)	RXYQ8P(A) + RXYQ16P(A)		300 to 780 (960)	39 (48)
26HP	650	RXYQ26P(A)	RXYQ8P(A) + RXYQ18P(A)		325 to 845 (1,040)	42 (52)
28HP	700	RXYQ28P(A)	RXYQ10P(A) + RXYQ18P(A)		350 to 910 (1,120)	45 (56)
30HP	750	RXYQ30P(A)	RXYQ12P(A) + RXYQ18P(A)		375 to 975 (1,200)	48 (60)
32HP	800	RXYQ32P(A)	RXYQ16P(A) × 2		400 to 1,040 (1,280)	52 (64)
34HP	850	RXYQ34P(A)	RXYQ16P(A) + RXYQ18P(A)		425 to 1,105 (1,360)	55 (64)
36HP	900	RXYQ36P(A)	RXYQ18P(A) × 2		450 to 1,170 (1,440)	58 (64)
38HP	950	RXYQ38P(A)	RXYQ8P(A) + RXYQ12P(A) + RXYQ18P(A)	BHFP22P151	475 to 1,235 (1,235)	61 (61)
40HP	1,000	RXYQ40P(A)	RXYQ8P(A) + RXYQ16P(A) × 2		500 to 1,300 (1,300)	64 (64)
42HP	1,050	RXYQ42P(A)	RXYQ8P(A) + RXYQ16P(A) + RXYQ18P(A)		525 to 1,365 (1,365)	
44HP	1,100	RXYQ44P(A)	RXYQ8P(A) + RXYQ18P(A) × 2		550 to 1,430 (1,430)	
46HP	1,150	RXYQ46P(A)	RXYQ10P(A) + RXYQ18P(A) × 2		575 to 1,495 (1,495)	
48HP	1,200	RXYQ48P(A)	RXYQ12P(A) + RXYQ18P(A) × 2		600 to 1,560 (1,560)	
50HP	1,250	RXYQ50P(A)	RXYQ14P(A) + RXYQ18P(A) × 2		625 to 1,625 (1,625)	
52HP	1,300	RXYQ52P(A)	RXYQ16P(A) + RXYQ18P(A) × 2		650 to 1,690 (1,690)	
54HP	1,350	RXYQ54P(A)	RXYQ18P(A) × 3		675 to 1,755 (1,755)	

*1 For multiple connection of 20 HP systems and above, the outdoor unit multi connection piping kit (separately sold) is required.

*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.
outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*3 When outdoor air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units.

High COP Type (Energy Saving Type)

HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2 *3	Maximum number of connectable indoor units *2
16HP	400	RXYQ16P(A)H	RXYQ8P(A) × 2	BHFP22P100	200 to 520 (640)	26 (32)
18HP	450	RXYQ18P(A)H	RXYQ8P(A) + RXYQ10P(A)		225 to 585 (720)	29 (36)
24HP	600	RXYQ24P(A)H	RXYQ8P(A) × 3	BHFP22P151	300 to 780 (780)	39 (39)
26HP	650	RXYQ26P(A)H	RXYQ8P(A) × 2 + RXYQ10P(A)		325 to 845 (845)	42 (42)
28HP	700	RXYQ28P(A)H	RXYQ8P(A) × 2 + RXYQ12P(A)		350 to 910 (910)	45 (45)
30HP	750	RXYQ30P(A)H	RXYQ8P(A) + RXYQ10P(A) + RXYQ12P(A)		375 to 975 (975)	48 (48)
32HP	800	RXYQ32P(A)H	RXYQ8P(A) + RXYQ12P(A) × 2		400 to 1,040 (1,040)	52 (52)
34HP	850	RXYQ34P(A)H	RXYQ10P(A) + RXYQ12P(A) × 2		425 to 1,105 (1,105)	55 (55)
36HP	900	RXYQ36P(A)H	RXYQ12P(A) × 3		450 to 1,170 (1,170)	58 (58)
38HP	950	RXYQ38P(A)H	RXYQ12P(A) × 2 + RXYQ14P(A)		475 to 1,235 (1,235)	61 (61)
40HP	1,000	RXYQ40P(A)H	RXYQ12P(A) × 2 + RXYQ16P(A)		500 to 1,300 (1,300)	64 (64)
42HP	1,050	RXYQ42P(A)H	RXYQ12P(A) × 2 + RXYQ18P(A)		525 to 1,365 (1,365)	
44HP	1,100	RXYQ44P(A)H	RXYQ12P(A) + RXYQ16P(A) × 2		550 to 1,430 (1,430)	
46HP	1,150	RXYQ46P(A)H	RXYQ12P(A) + RXYQ16P(A) + RXYQ18P(A)		575 to 1,495 (1,495)	
48HP	1,200	RXYQ48P(A)H	RXYQ16P(A) × 3		600 to 1,560 (1,560)	
50HP	1,250	RXYQ50P(A)H	RXYQ16P(A) × 2 + RXYQ18P(A)		625 to 1,625 (1,625)	

*1 For multiple connection of 16 HP systems and above, the outdoor unit multi connection piping kit (separately sold) is required.

*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*3 When outdoor air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units.

Indoor unit connection capacity

Normal type (Space saving type)

Type	HP	Capacity index	Model name	Types of connected indoor units						
				Min. combination ratio	FXDQ, FXMQ-P, FXAQ		Including FXFQ25 at least one unit		Other indoor unit models	
					Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units
Single outdoor units	5	125	RXYQ5P(A)	50%	200%	12	130%	8	200%	12
	8	200	RXYQ8P(A)			20		13		20
	10	250	RXYQ10P(A)			25		16		25
	12	300	RXYQ12P(A)			30		19		30
	14	350	RXYQ14P(A)			35		22		35
	16	400	RXYQ16P(A)			40		26		40
	18	450	RXYQ18P(A)			45		29		45
Double outdoor units	20	500	RXYQ20P(A)			50		32	160%	40
	22	550	RXYQ22P(A)			55		35		44
	24	600	RXYQ24P(A)			60		39		48
	26	650	RXYQ26P(A)			64		42		52
	28	700	RXYQ28P(A)					45		56
	30	750	RXYQ30P(A)					48		60
	32	800	RXYQ32P(A)					52		64
	34	850	RXYQ34P(A)					55		
	36	900	RXYQ36P(A)					58		
Triple outdoor units	38	950	RXYQ38P(A)					61	130%	61
	40	1,000	RXYQ40P(A)					64		64
	42	1,050	RXYQ42P(A)							
	44	1,100	RXYQ44P(A)							
	46	1,150	RXYQ46P(A)							
	48	1,200	RXYQ46P(A)							
	50	1,250	RXYQ50P(A)							
	52	1,300	RXYQ52P(A)							
	54	1,350	RXYQ54P(A)							

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

High COP type (Energy saving type)

Type	HP	Capacity index	Model name	Types of connected indoor units						
				Min. combination ratio	FXDQ, FXMQ-P, FXAQ		Including FXFQ25 at least one unit		Other indoor unit models	
					Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units
Double outdoor units	16	400	RXYQ16P(A)H	50%	200%	40	130%	26	160%	32
	18	450	RXYQ18P(A)H			45		29		36
Triple outdoor units	24	600	RXYQ24P(A)H			60		39	130%	39
	26	650	RXYQ26P(A)H			64		42		42
	28	700	RXYQ28P(A)H					45		45
	30	750	RXYQ30P(A)H					48		48
	32	800	RXYQ32P(A)H					52		52
	34	850	RXYQ34P(A)H					55		55
	36	900	RXYQ36P(A)H					58		58
	38	950	RXYQ38P(A)H					61		61
	40	1,000	RXYQ40P(A)H					64		64
	42	1,050	RXYQ42P(A)H							
	44	1,100	RXYQ44P(A)H							
	46	1,150	RXYQ46P(A)H							
	48	1,200	RXYQ46P(A)H							
	50	1,250	RXYQ50P(A)H							

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

Part 2
Indoor Units

FXFQ-P
Ceiling Mounted Cassette
(Round Flow) Type 17

FXZQ-M
Ceiling Mounted Cassette
(Compact Multi Flow) Type. 33

FXCQ-M
Ceiling Mounted Cassette
(Double Flow) Type 51

FXKQ-MA
Ceiling Mounted Cassette
Corner Type. 71

FXDQ-PB / FXDQ-NB
Slim Ceiling Mounted Duct Type 85

FXMQ-P
Ceiling Mounted Duct Type
(Middle and High Static Pressure) 111

FXMQ-MA
Ceiling Mounted Duct Type. 139

FXHQ-MA
Ceiling Suspended Type 151

FXAQ-MA
Wall Mounted Type 165

FXLQ-MA / FXNQ-MA
Floor Standing Type /
Concealed Floor Standing Type 181

FXUQ-MA
Ceiling Suspended Cassette Type (Connection Unit Series). 203

FXFQ-P
Ceiling Mounted Cassette (Round Flow) Type

2

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   10.1 Optional Accessories (for Unit) 32
   10.2 Optional Accessories (for Controls) 32

1. Specifications

Ceiling mounted cassette (Round flow) type

Model			FXFQ25PVE	FXFQ32PVE	FXFQ40PVE	FXFQ50PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,500	3,200	4,000	5,000
		Btu/h	9,900	12,600	16,000	19,800
		kW	2.9	3.7	4.7	5.8
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.8	3.6	4.5	5.6
★3 ★4 Heating capacity		kcal/h	2,800	3,400	4,300	5,400
		Btu/h	10,900	13,600	17,100	21,500
		kW	3.2	4.0	5.0	6.3
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	246×840×840	246×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×6×1.2	2×6×1.2	2×6×1.2	2×6×1.2
	Face area	m²	0.267	0.267	0.267	0.267
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	56×1	56×1	56×1	56×1
	Airflow rate (HH/H/L)	m³/min	13/11.5/10	13/11.5/10	15/13/11	16/13.5/11
		l/s	216/191/166	216/191/166	250/216/183	266/225/183
		cfm	459/406/353	459/406/353	530/459/388	565/477/388
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	19.5	19.5	19.5	19.5
★5 Sound level (HH/H/L)		dB(A)	30/28.5/27	30/28.5/27	31/29/27	32/29.5/27
Sound power (HH/H/L)		dB(A)	48/46.5/45	48/46.5/45	49/47/45	50/47.5/45
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCP125K-W1	BYCP125K-W1	BYCP125K-W1	BYCP125K-W1
	Panel colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.
Drawing No.			C: 3D060255A			

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 25 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Round flow) type

Model			FXFQ63PVE	FXFQ80PVE	FXFQ100PVE	FXFQ125PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	6,300	8,000	10,000	12,500
		Btu/h	24,900	31,700	39,600	49,500
		kW	7.3	9.3	11.6	14.5
★2 ★4 Cooling capacity (19.0°CWB)		kW	7.1	9.0	11.2	14.0
★3 ★4 Heating capacity		kcal/h	6,900	8,600	10,800	13,800
		Btu/h	27,300	34,100	42,700	54,600
		kW	8.0	10.0	12.5	16.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	288×840×840	288×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.2	2×10×1.2	2×12×1.2	2×12×1.2
	Face area	m^2	0.446	0.446	0.535	0.535
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	56×1	56×1	120×1	120×1
	Airflow rate (HH/H/L)	m^3/min	19/16.5/13.5	21/18/15	32/26/20	33/28/22.5
		l/s	316 / 275 / 225	350 / 300 / 250	533 / 433 / 333	550 / 466 / 375
		cfm	671/583/477	742/636/530	1,130/918/706	1,165/989/794
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	22	22	25	25
★5 Sound level (HH/H/L)		dB(A)	34/31/28	36/33.5/31	43/37.5/32	44/39/34
Sound power (HH/H/L)		dB(A)	52/49/46	53/51.5/49	60/54.5/50	61/56/52
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCP125K-W1	BYCP125K-W1	BYCP125K-W1	BYCP125K-W1
	Panel colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.
Drawing No.			C: 3D060255A			

Notes:

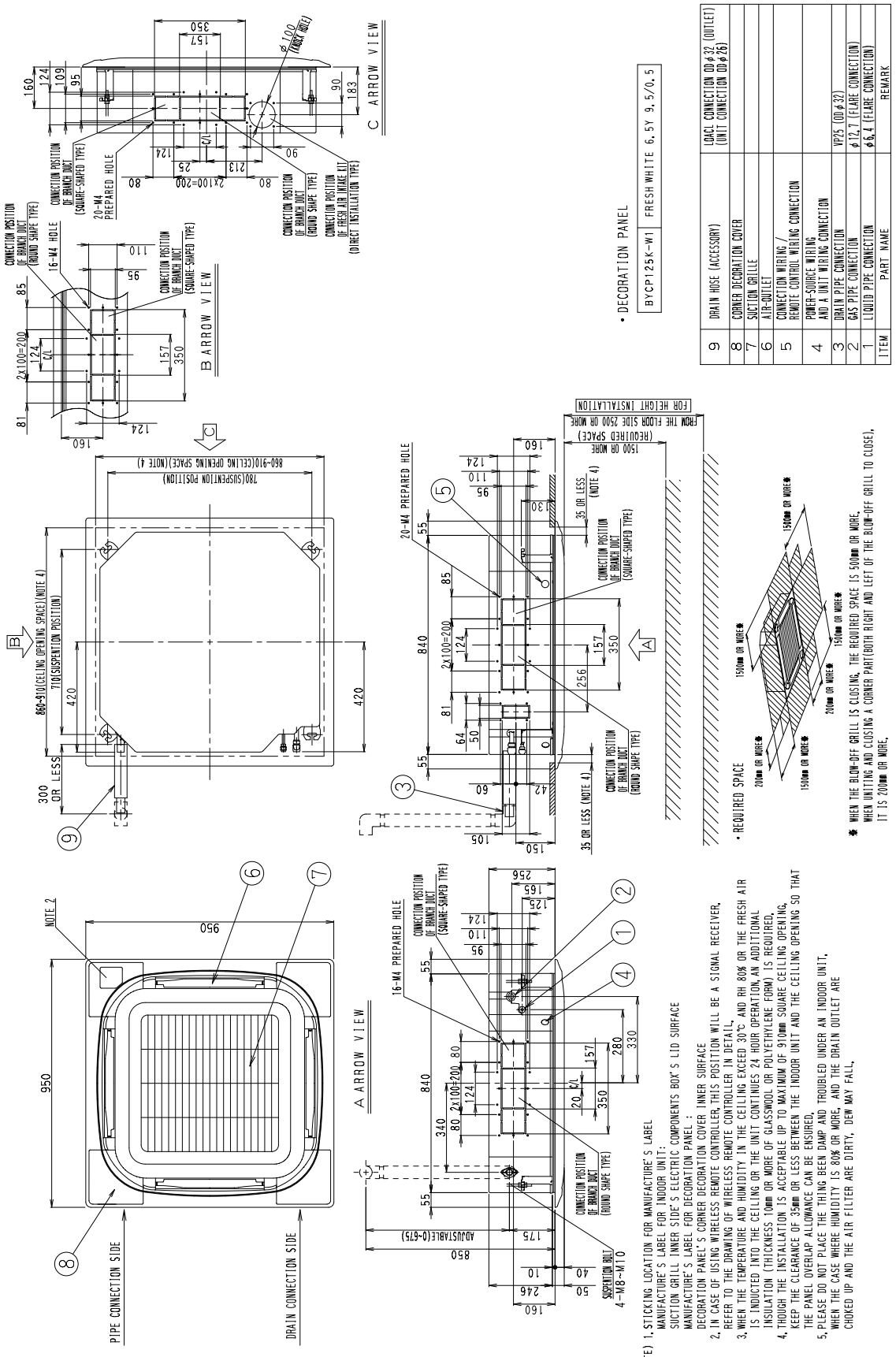
★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 25 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

2. Dimensions

FXFQ25PVE / FXFQ32PVE / FXFQ40PVE / FXFQ50PVE

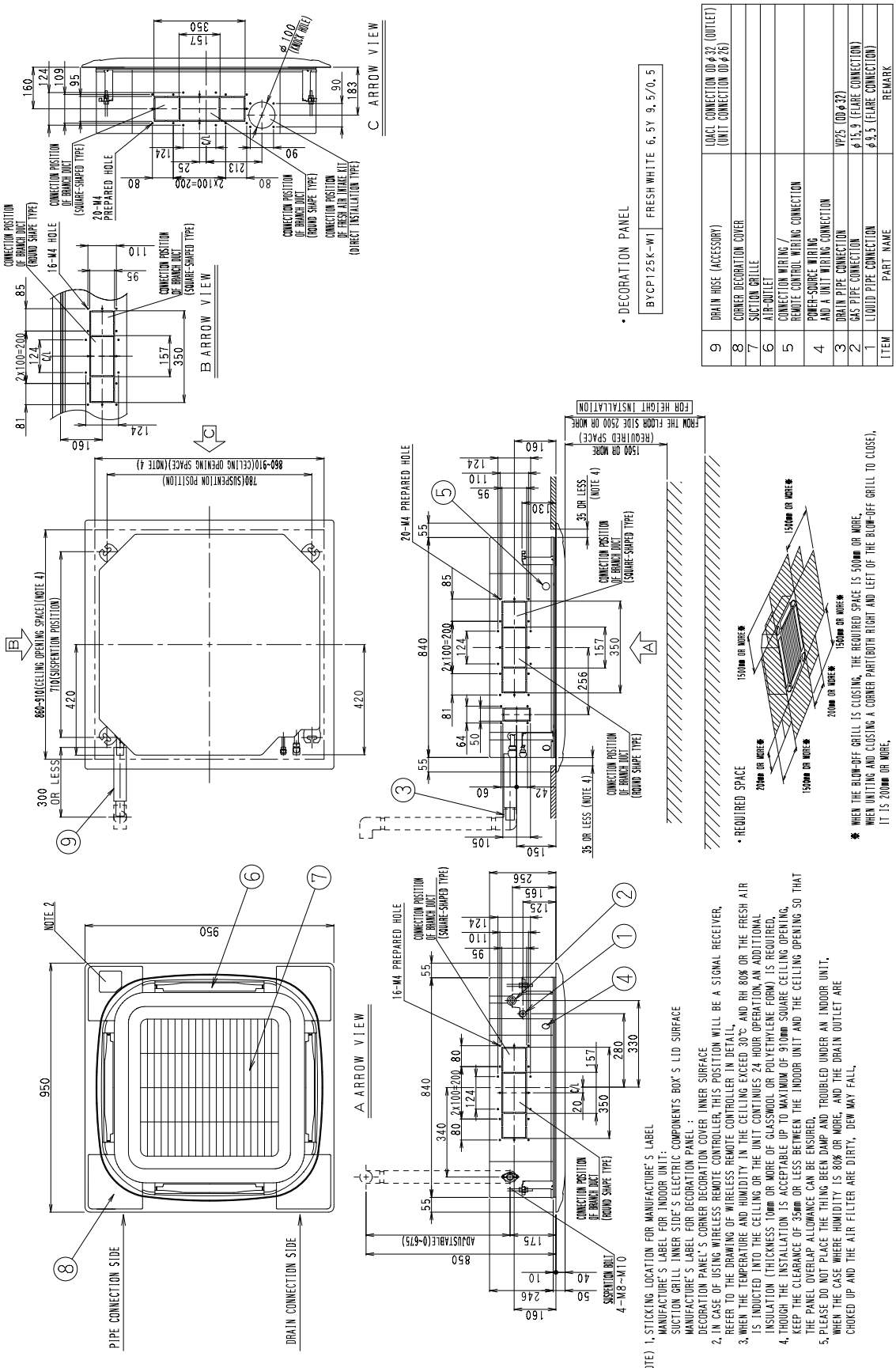
Unit (mm)



FXFQ63PVE / FXFQ80PVE

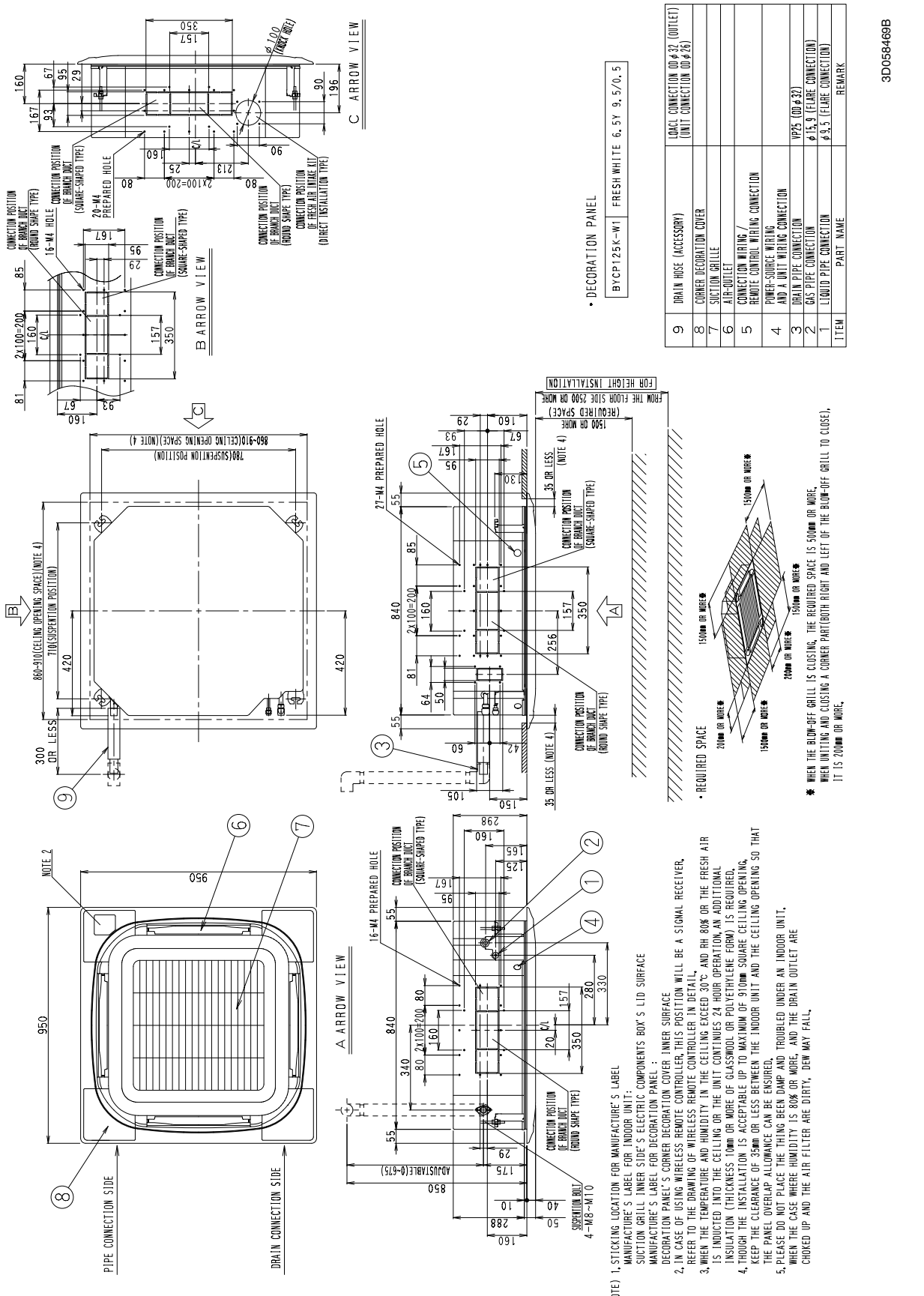
Unit (mm)

2

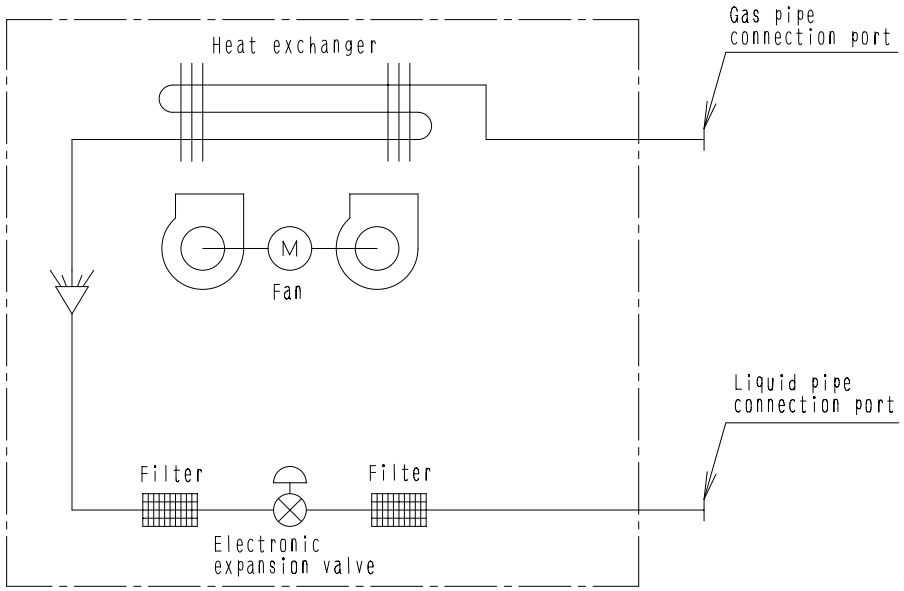


FXFQ100PVE / FXFQ125PVE

Unit (mm)



3. Piping Diagrams



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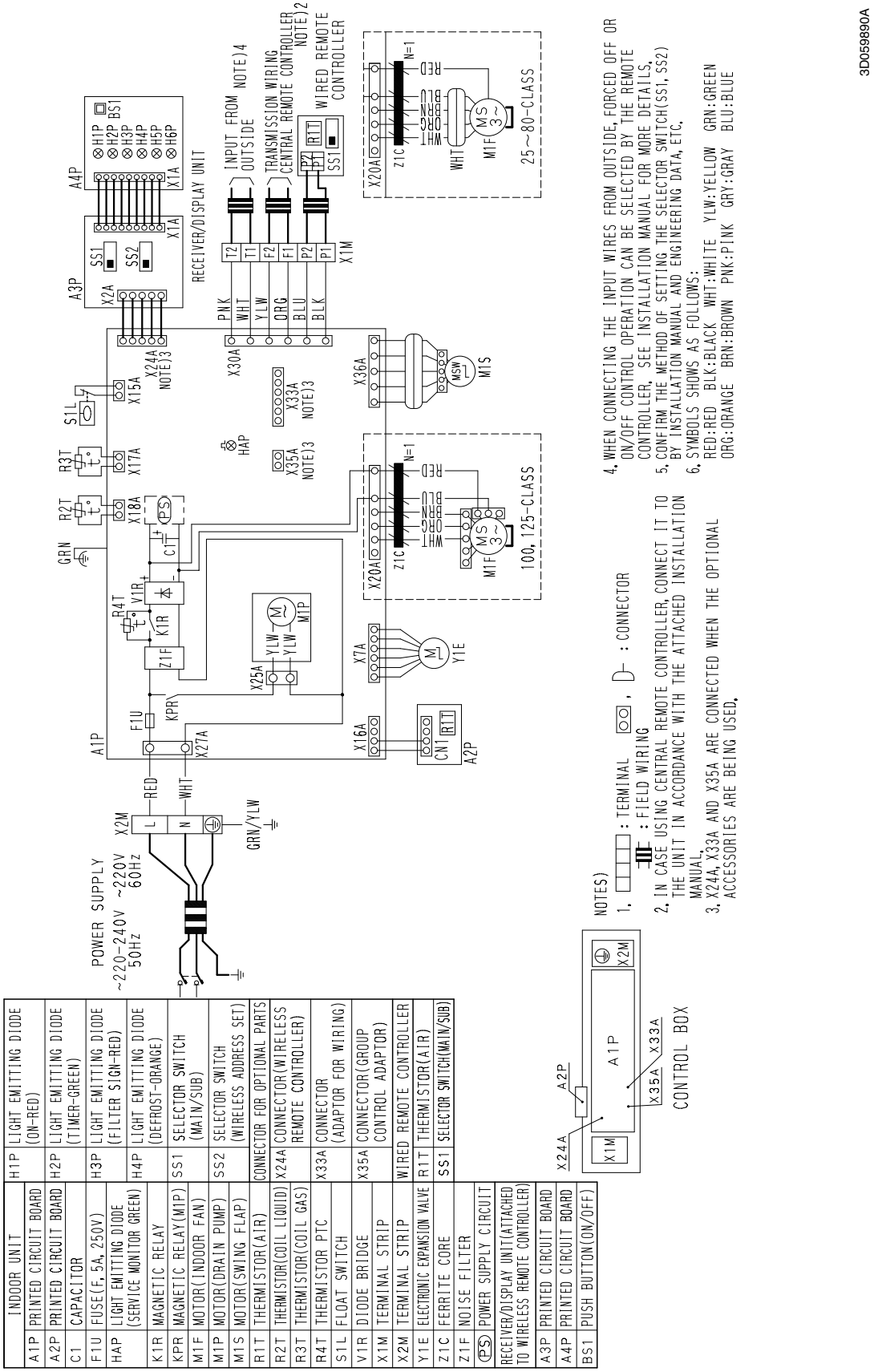
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXFQ25PVE / FXFQ32PVE / FXFQ40PVE / FXFQ50PVE	ϕ12.7	ϕ6.4
FXFQ63PVE / FXFQ80PVE / FXFQ100PVE / FXFQ125PVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXFQ25PVE / FXFQ32PVE / FXFQ40PVE / FXFQ50PVE / FXFQ63PVE / FXFQ80PVE / FXFQ100PVE / FXFQ125PVE



INDOOR UNIT			
A1P	PRINTED CIRCUIT BOARD	H1P	LIGHT EMITTING DIODE (ON-RED)
A2P	PRINTED CIRCUIT BOARD	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
C1	CAPACITOR	H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
F1U	FUSE(T, 5A, 250V)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	SS1	SELECTOR SWITCH (MAIN/SUB)
K1R	MAGNETIC RELAY	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
KPR	MAGNETIC RELAY(MIP)	X24A	CONNECTOR FOR OPTIONAL PARTS
M1F	MOTOR(INDOOR FAN)	X33A	CONNECTOR(WIRELESS REMOTE CONTROLLER)
M1P	MOTOR(DRAIN PUMP)	X35A	CONNECTOR(GROUP CONTROL ADAPTOR)
M1S	MOTOR(SWING FLAP)		
R1T	THERMISTOR(AIR)		
R2T	THERMISTOR(COIL LIQUID)		
R3T	THERMISTOR(COIL GAS)		
R4T	THERMISTOR PTC		
S1L	FLOAT SWITCH		
V1R	DIODE BRIDGE		
X1M	TERMINAL STRIP		
X2M	TERMINAL STRIP		
Y1E	ELECTRONIC EXPANSION VALVE		
Z1C	FERRITE CORE		
Z1F	NOISE FILTER		
(PS)	POWER SUPPLY CIRCUIT		
RECEIVER/DISPLAY UNIT(ATTACHED TO WIRELESS REMOTE CONTROLLER)			
A3P	PRINTED CIRCUIT BOARD		
A4P	PRINTED CIRCUIT BOARD		
BS1	PUSH BUTTON(ON/OFF)		

		M1P	MOTOR(DRAIN PUMP)
		M1S	MOTOR(SWING FLAP)
		R1T	THERMISTOR(AIR)
		R2T	THERMISTOR(COIL LIQUID)
		R3T	THERMISTOR(COIL GAS)
		R4T	THERMISTOR PTC
		S1L	FLOAT SWITCH
		V1R	DIODE BRIDGE
		X1M	TERMINAL STRIP
		X2M	TERMINAL STRIP
		Y1E	ELECTRONIC EXPANSION VALVE
		Z1C	FERRITE CORE
		Z1F	NOISE FILTER
		(PS)	POWER SUPPLY CIRCUIT
		RECEIVER/DISPLAY UNIT(ATTACHED TO WIRELESS REMOTE CONTROLLER)	
		A3P	PRINTED CIRCUIT BOARD
		A4P	PRINTED CIRCUIT BOARD
		BS1	PUSH BUTTON(ON/OFF)

5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXFQ25PVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.056	0.2	33	27
FXFQ32PVE				0.3	15	0.056	0.2	33	27
FXFQ40PVE				0.3	15	0.056	0.2	47	34
FXFQ50PVE				0.3	15	0.056	0.2	52	38
FXFQ63PVE				0.4	15	0.056	0.3	66	53
FXFQ80PVE				0.5	15	0.056	0.4	93	75
FXFQ100PVE				1.3	15	0.120	1.0	187	174
FXFQ125PVE				1.5	15	0.120	1.2	209	200
FXFQ25PVE	60	220	MAX. 242 Min. 198	0.3	15	0.056	0.2	32	27
FXFQ32PVE				0.3	15	0.056	0.2	32	27
FXFQ40PVE				0.3	15	0.056	0.2	42	34
FXFQ50PVE				0.3	15	0.056	0.2	50	38
FXFQ63PVE				0.4	15	0.056	0.3	63	53
FXFQ80PVE				0.5	15	0.056	0.4	92	75
FXFQ100PVE				1.3	15	0.120	1.0	186	174
FXFQ125PVE				1.5	15	0.120	1.2	208	200

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min.15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

C: 4D060238C

6. Safety Devices Setting

Model		FXFQ25PVE	FXFQ32PVE	FXFQ40PVE	FXFQ50PVE	FXFQ63PVE	FXFQ80PVE	FXFQ100PVE	FXFQ125PVE
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–	–	–	–
Fan motor thermal protector	°C	–	–	–	–	–	–	–	–

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7. Capacity Tables

7.1 Cooling Capacity

2

FXFQ-P **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
25	10.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.3	2.9	3.5	2.9
	12.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.3	2.9	3.5	2.9
	14.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.3	2.9	3.4	2.9
	16.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.3	2.9	3.4	2.8
	18.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.3	2.9	3.4	2.8
	20.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.2	2.9	3.3	2.8
	21.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.2	2.9	3.3	2.8
	23.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.2	2.9	3.2	2.8
	25.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.1	2.8	3.2	2.8
	27.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.1	2.8	3.2	2.7
	29.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	3.0	2.8	3.0	2.8	3.1	2.7
	31.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.9	2.8	3.0	2.8	3.1	2.7
	33.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.9	2.8	2.9	2.8	3.0	2.7
	35.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.8	2.8	2.9	2.7	3.0	2.6
	37.0	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.8	2.8	2.9	2.7	2.9	2.6
	39.0	1.9	1.9	2.3	2.3	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.7	2.9	2.6
32	10.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.3	3.2	4.6	3.1
	12.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.3	3.2	4.5	3.1
	14.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.3	3.2	4.4	3.1
	16.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.3	3.2	4.4	3.1
	18.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.2	3.2	4.3	3.1
	20.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.2	3.1	4.3	3.1
	21.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.1	3.1	4.2	3.1
	23.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.1	3.1	4.2	3.0
	25.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.0	3.1	4.1	3.0
	27.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	4.0	3.1	4.1	3.0
	29.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.2	3.9	3.1	4.0	3.0
	31.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.8	3.1	3.8	3.1	3.9	3.0
	33.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.7	3.1	3.8	3.1	3.9	3.0
	35.0	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.6	3.1	3.7	3.1	3.8	3.0
	37.0	2.4	2.4	2.9	2.8	3.4	3.1	3.5	3.1	3.6	3.1	3.7	3.0	3.8	2.9
	39.0	2.4	2.4	2.9	2.8	3.4	3.1	3.5	3.1	3.5	3.1	3.6	3.0	3.7	2.9
40	10.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.4	3.9	5.7	3.9
	12.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.4	3.9	5.6	3.8
	14.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.4	3.9	5.5	3.8
	16.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.4	3.9	5.5	3.8
	18.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.3	3.9	5.4	3.8
	20.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.2	3.9	5.3	3.7
	21.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.2	3.8	5.3	3.7
	23.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.1	3.8	5.2	3.7
	25.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.0	3.8	5.1	3.7
	27.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	5.0	3.7	5.1	3.6
	29.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.8	3.8	4.9	3.7	5.0	3.6
	31.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.7	3.8	4.8	3.7	4.9	3.6
	33.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.6	3.7	4.7	3.7	4.8	3.6
	35.0	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.6	3.7	4.7	3.6	4.8	3.5
	37.0	3.0	2.9	3.6	3.4	4.2	3.7	4.4	3.8	4.5	3.7	4.6	3.6	4.7	3.5
	39.0	3.0	2.9	3.6	3.4	4.2	3.7	4.4	3.7	4.4	3.7	4.5	3.6	4.6	3.5
50	10.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.7	4.6	7.1	4.5
	12.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.7	4.6	7.0	4.5
	14.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.7	4.6	6.9	4.5
	16.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.7	4.5	6.8	4.4
	18.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.6	4.5	6.7	4.4
	20.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.5	4.5	6.6	4.4
	21.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.4	4.5	6.6	4.3
	23.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.4	4.4	6.5	4.3
	25.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.3	4.4	6.4	4.3
	27.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	6.0	4.5	6.2	4.4	6.3	4.2
	29.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.9	4.5	6.1	4.3	6.2	4.2
	31.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.9	4.4	6.0	4.3	6.1	4.2
	33.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.8	4.4	5.9	4.2	6.0	4.2
	35.0	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.7	4.4	5.8	4.2	5.9	4.1
	37.0	3.8	3.4	4.5	3.9	5.2	4.3	5.5	4.4	5.6	4.3	5.7	4.2	5.8	4.1
	39.0	3.8	3.4	4.5	3.9	5.2	4.3	5.4	4.3	5.5	4.3	5.6	4.2	5.8	4.0
63	10.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.5	5.8	9.0	5.7
	12.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.5	5.8	8.9	5.7
	14.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.5	5.8	8.7	5.7
	16.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.5	5.8	8.6	5.6
	18.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.3	5.8	8.5	5.6
	20.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.2	5.7	8.4	5.5
	21.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.2	5.7	8.3	5.5
	23.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	8.1	5.6	8.2	5.5
	25.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	7.9	5.6	8.1	5.4
	27.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.6	5.7	7.8	5.6	8.0	5.4
	29.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.5	5.7	7.7	5.5	7.9	5.4
	31.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.4	5.7	7.6	5.5	7.8	5.3
	33.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.3	5.6	7.5	5.4	7.6	5.3
	35.0	4.8	4.3	5.7	5.0	6.6	5.6	7.1	5.6	7.2	5.5	7.4	5.4	7.5	5.3
	37.0	4.8	4.3	5.7	5.0	6.6	5.6	7.0	5.6	7.1	5.5	7.2	5.4	7.4	5.2
	39.0	4.8	4.3	5.7	5.0	6.6	5.6	6.9	5.6	7.0	5.4	7.1	5.3	7.3	5.2

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
80	10.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.8	6.9	11.4	6.8
	12.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.8	6.9	11.2	6.8
	14.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.8	6.9	11.1	6.7
	16.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.7	6.9	10.9	6.7
	18.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.6	6.9	10.8	6.6
	20.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.4	6.8	10.6	6.6
	21.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.4	6.8	10.6	6.5
	23.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.2	6.7	10.4	6.5
	25.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	10.1	6.7	10.3	6.4
	27.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.6	6.8	9.9	6.6	10.1	6.4
	29.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.5	6.8	9.8	6.5	10.0	6.3
	31.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.4	6.7	9.6	6.5	9.8	6.3
	33.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.3	6.6	9.5	6.4	9.7	6.2
	35.0	6.1	5.1	7.2	5.9	8.4	6.6	9.0	6.7	9.1	6.6	9.3	6.4	9.5	6.2
	37.0	6.1	5.1	7.2	5.9	8.4	6.6	8.9	6.7	9.0	6.5	9.2	6.3	9.4	6.1
	39.0	6.1	5.1	7.2	5.9	8.4	6.6	8.7	6.5	8.8	6.4	9.0	6.3	9.3	6.1
100	10.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.4	9.3	14.2	9.2
	12.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.4	9.3	14.0	9.1
	14.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.4	9.3	13.8	9.0
	16.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.3	9.3	13.6	9.0
	18.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.2	9.2	13.4	8.9
	20.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	13.0	9.1	13.2	8.8
	21.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	12.9	9.1	13.2	8.8
	23.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	12.7	9.0	13.0	8.7
	25.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	12.5	8.9	12.8	8.7
	27.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	12.3	8.8	12.6	8.6
	29.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.9	9.0	12.2	8.7	12.4	8.5
	31.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.7	8.9	12.0	8.7	12.2	8.5
	33.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.5	8.9	11.8	8.6	12.1	8.4
	35.0	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.3	8.8	11.6	8.5	11.9	8.3
	37.0	7.6	6.8	9.0	7.8	10.5	8.7	11.0	8.9	11.2	8.7	11.4	8.5	11.7	8.2
	39.0	7.6	6.8	9.0	7.8	10.5	8.7	10.8	8.7	11.0	8.6	11.2	8.4	11.5	8.2
125	10.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.7	10.9	17.7	10.7
	12.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.7	10.9	17.5	10.6
	14.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.7	10.9	17.2	10.6
	16.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.7	10.8	17.0	10.5
	18.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.4	10.7	16.8	10.4
	20.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.2	10.6	16.6	10.3
	21.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	16.1	10.6	16.4	10.2
	23.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	15.9	10.5	16.2	10.1
	25.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	15.6	10.4	16.0	10.0
	27.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	15.4	10.3	15.8	9.9
	29.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.9	10.5	15.2	10.2	15.5	9.9
	31.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.6	10.4	15.0	10.1	15.3	9.8
	33.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.4	10.3	14.7	10.0	15.1	9.7
	35.0	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.2	10.2	14.5	9.9	14.9	9.6
	37.0	9.4	7.9	11.3	9.0	13.1	10.1	13.8	10.3	13.9	10.1	14.3	9.8	14.6	9.5
	39.0	9.4	7.9	11.3	9.0	13.1	10.1	13.5	10.1	13.7	10.0	14.1	9.7	14.4	9.4

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXFQ-P **[50/60Hz] Heating capacity**

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

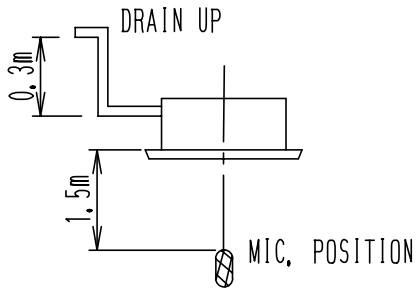
Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
80	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
	-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
	-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
	-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
	-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
	-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
	-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
	-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
	-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
	-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
	-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
	0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
	3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
	5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
	7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
	9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
	11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
	13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
	15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
100	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
	-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
	-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
	-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
	-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
	-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
	-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
	-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
	-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
	-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
	-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
	0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
	3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
	5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
	7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
	9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
	11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
	13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
	15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
	-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
	-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
	-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
	-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
	-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
	-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
	-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
	-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
	-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
	-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
	0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
	3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
	5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
	7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
	9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
	11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
	13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
	15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Sound Levels

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

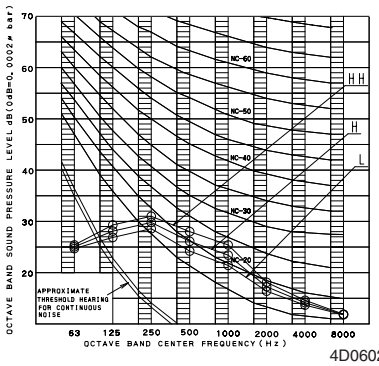
dB(A)

Model	220-240/220V, 50/60Hz		
	HH	H	L
FXFQ25PVE FXFQ32PVE	30	28.5	27
FXFQ40PVE	31	29	27
FXFQ50PVE	32	29.5	27
FXFQ63PVE	34	31	28
FXFQ80PVE	36	33.5	31
FXFQ100PVE	43	37.5	32
FXFQ125PVE	44	39	34

Octave Band Level

○——○ 220-240/220V, 50/60Hz

FXFQ25PVE / FXFQ32PVE



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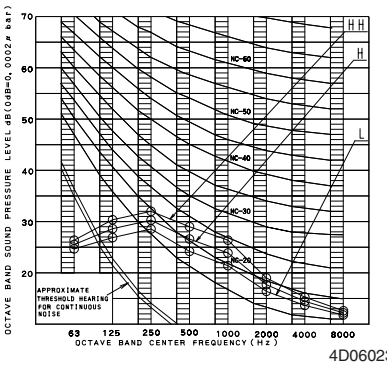
FXFQ40PVE



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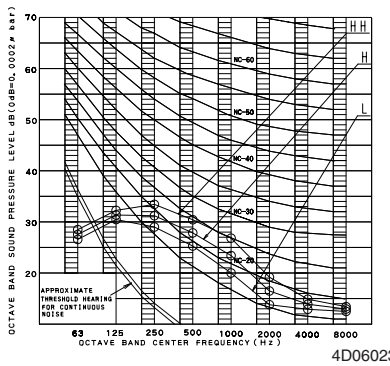
FXFQ50PVE



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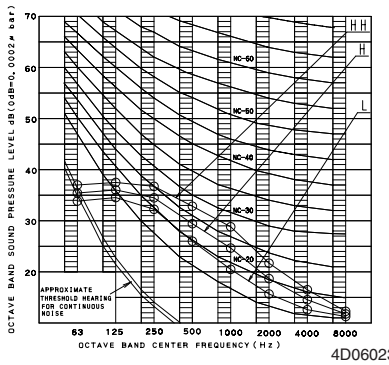
FXFQ63PVE



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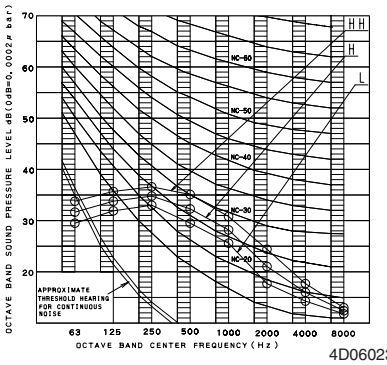
FXFQ80PVE



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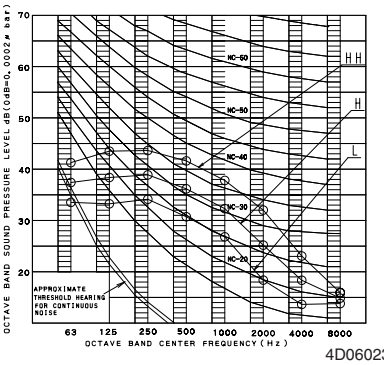
FXFQ100PVE



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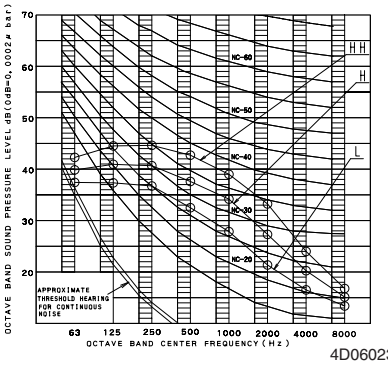
FXFQ125PVE



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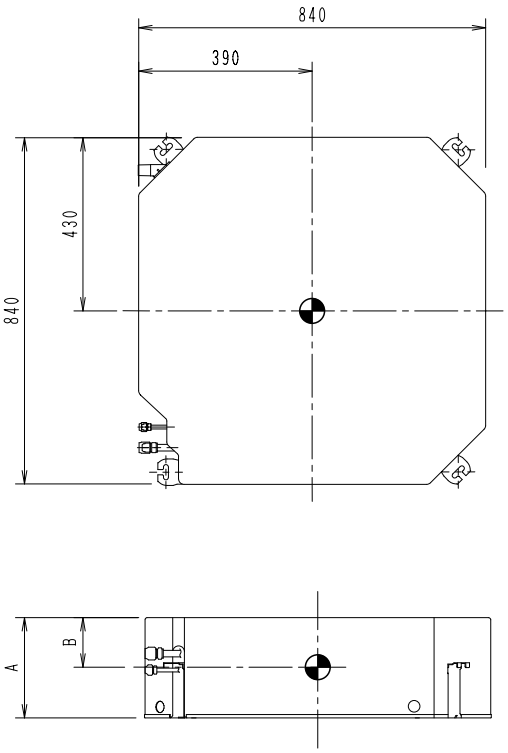
9. Centre of Gravity

FXFQ25PVE / FXFQ32PVE / FXFQ40PVE / FXFQ50PVE / FXFQ63PVE / FXFQ80PVE / FXFQ100PVE / FXFQ125PVE

Unit (mm)



MODEL NAME	A	B
FXFQ25~80PVE	246	90
FXFQ100・125PVE	288	120

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10. Accessories

10.1 Optional Accessories (for Unit)

Model			FXFQ25PVE	FXFQ32PVE	FXFQ40PVE	FXFQ50PVE	FXFQ63PVE	FXFQ80PVE	FXFQ100PVE	FXFQ125PVE
Decoration panel			BYCP125K-W1							
Sealing member of air discharge outlet			KDBH55K160F							
Panel spacer			KDBP55H160FA							
Filter related	High efficiency filter unit	65%	KAFP556B80						KAFP556B160	
		90%	KAFP557B80						KAFP557B160	
	Replacement high efficiency filter	65%	KAFP552B80						KAFP552B160	
		90%	KAFP553B80						KAFP553B160	
	Filter chamber		KDDFP55B160							
	Replacement long life filter	Non-woven type	KAFP551K160							
	Ultra long-life filter		KAFP55B160							
	Replacement ultra long life filter		KAFP55H160H							
Fresh air intake kit	Chamber type	Without T-joint pipe and fan	KDDP55B160							
		With T-joint pipe without fan	KDDP55B160K							
	Direct installation type		KDDP55X160							
Branch duct chamber			KDJP55B80						KDJP55B160	
Chamber connection kit			KKSJ55KA160							
Insulation kit for high humidity			KDTP55K80						KDTP55K160	

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10.2 Optional Accessories (for Controls)

Refer to page 512.

FXZQ-M
Ceiling Mounted Cassette (Compact Multi Flow) Type

3

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1. Specifications

Ceiling mounted cassette (Compact multi flow) type

Model			FXZQ20MVE	FXZQ25MVE	FXZQ32MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200
		Btu/h	7,800	9,900	12,600
		kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400
		Btu/h	8,500	10,900	13,600
		kW	2.5	3.2	4.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	286×575×575	286×575×575	286×575×575
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5	2×10×1.5
	Face area	m²	0.269	0.269	0.269
Fan	Model		QTS32C15M	QTS32C15M	QTS32C15M
	Type		Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	55×1	55×1	55×1
	Airflow rate (H/L)	m³/min	9.0/7.0	9.0/7.0	9.5/7.5
		l/s	150/116	150/116	158/125
		cfm	318/247	318/247	335/265
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene/ Foamed polyethylene	Foamed polystyrene/ Foamed polyethylene	Foamed polystyrene/ Foamed polyethylene
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass (Weight)		kg	18	18	18
★5 Sound level (H/L)	230V, 50Hz	dB(A)	30/25	30/25	32/26
	240V, 50Hz		32/26	32/26	34/28
	220V, 60Hz		32/29	32/29	33/29
Sound power (H)	230V, 50Hz	dB(A)	47	47	49
	240V, 50Hz		49	49	51
	220V, 60Hz		49	49	50
Safety devices			PC board fuse. Fan motor thermal protector.	PC board fuse. Fan motor thermal protector.	PC board fuse. Fan motor thermal protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYFQ60B8W1	BYFQ60B8W1	BYFQ60B8W1
	Panel colour		White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)
	Dimensions: (H×W×D)	mm	55×700×700	55×700×700	55×700×700
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	2.7	2.7	2.7
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.
Drawing No.			C: 3D038929B		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★3 Indoor temp. : 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 39 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

3

Ceiling mounted cassette (Compact multi flow) type

Model			FXZQ40MVE	FXZQ50MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	4,000	5,000
		Btu/h	16,000	19,800
		kW	4.7	5.8
★2 ★4 Cooling capacity (19.0°CWB)		kW	4.5	5.6
★3 ★4 Heating capacity		kcal/h	4,300	5,400
		Btu/h	17,100	21,500
		kW	5.0	6.3
Casing / Colour			Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	286×575×575	286×575×575
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5
	Face area	m²	0.269	0.269
Fan	Model		QTS32C15M	QTS32C15M
	Type		Turbo fan	Turbo fan
	Motor output × Number of units	W	55×1	55×1
	Airflow rate (H/L)	m³/min	11.0/8.0	14.0/10.0
		l/s	183/133	233/166
		cfm	388/282	493/353
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene/Foamed polyethylene	Foamed polystyrene/Foamed polyethylene
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 / Internal dia. 20)	VP20 (External dia. 26 / Internal dia. 20)
Mass (Weight)		kg	18	18
★5 Sound level (H/L)	230V, 50Hz	dB(A)	36/28	41/33
	240V, 50Hz		37/29	42/35
	220V, 60Hz		36/30	41/34
Sound power (H)	230V, 50Hz	dB(A)	53	58
	240V, 50Hz		54	59
	220V, 60Hz		53	58
Safety devices			PC board fuse. Fan motor thermal protector.	PC board fuse. Fan motor thermal protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYFQ60B8W1	BYFQ60B8W1
	Panel colour		White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)
	Dimensions: (H×W×D)	mm	55×700×700	55×700×700
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	2.7	2.7
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.
Drawing No.			C: 3D038929B	

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★3 Indoor temp. : 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 39 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE

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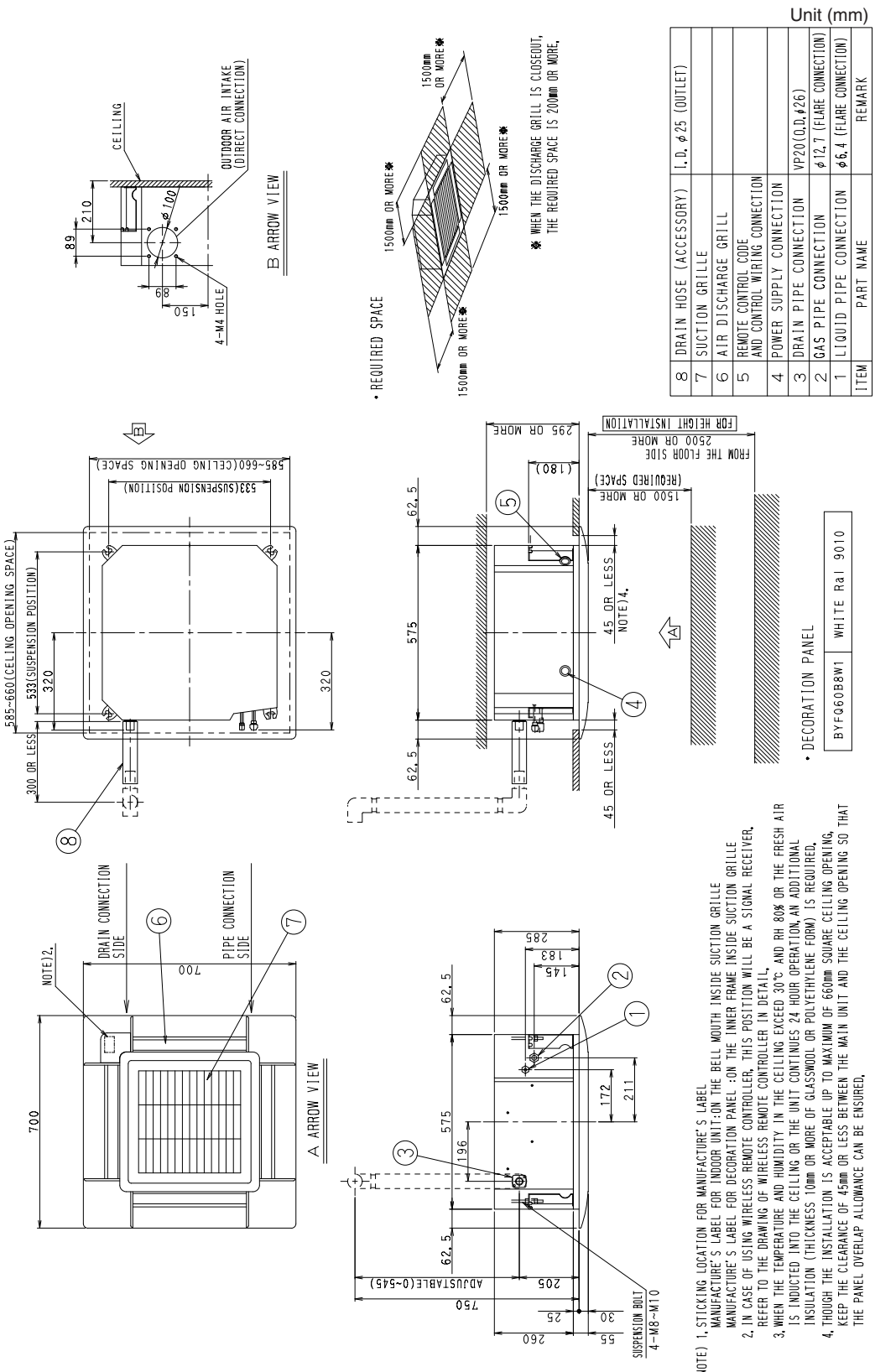
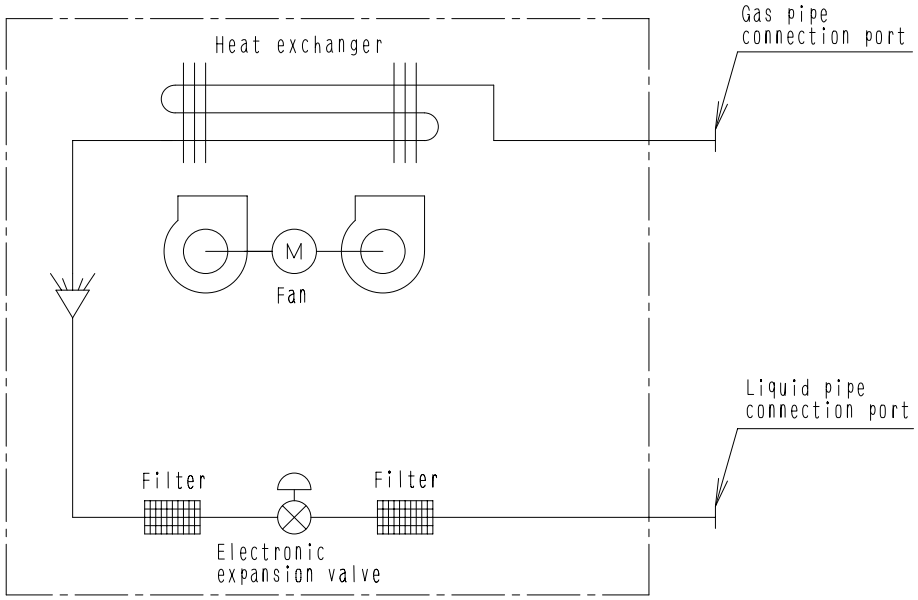
Unit (mm)

ITEM	PART NAME	REMARK
8	DRAIN HOSE (ACCESSORY)	I.D. φ25 (OUTLET)
7	SUCTION GRILLE	
6	AIR DISCHARGE GRILL	
5	REMOTE CONTROL CODE AND CONTROL WIRING CONNECTION	
4	POWER SUPPLY CONNECTION	
3	DRAIN PIPE CONNECTION	VP20(O.D.φ26)
2	GAS PIPE CONNECTION	φ12.7 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ6.4 (FLARE CONNECTION)



NOTE) 1. STICKING LOCATION FOR MANUFACTURE'S LABEL
MANUFACTURE'S LABEL FOR INDOOR UNIT:ON THE BELL MOUTH INSIDE SUCTION GRILLE
MANUFACTURE'S LABEL FOR DECORATION PANEL :ON THE INNER FRAME INSIDE SUCTION GRILLE
2. IN CASE OF USING WIRELESS REMOTE CONTROLLER, THIS POSITION WILL BE A SIGNAL RECEIVER.
REFER TO THE DRAWING OF WIRELESS REMOTE CONTROLLER IN DETAIL.
3. WHEN THE TEMPERATURE AND HUMIDITY IN THE CEILING EXCEED 30°C AND RH 80% OR THE FRESH AIR IS INDUCTED INTO THE CEILING OR THE UNIT CONTINUES 24 HOUR OPERATION, AN ADDITIONAL INSULATION (THICKNESS 10mm OR MORE OF GLASSWOOL OR POLYETHYLENE FORM) IS REQUIRED.
4. THOUGH THE INSTALLATION IS ACCEPTABLE UP TO MAXIMUM OF 660mm SQUARE CEILING OPENING, KEEP THE CLEARANCE OF 45mm OR LESS BETWEEN THE MAIN UNIT AND THE CEILING OPENING SO THAT THE PANEL OVERLAP ALLOWANCE CAN BE ENSURED.

3. Piping Diagrams



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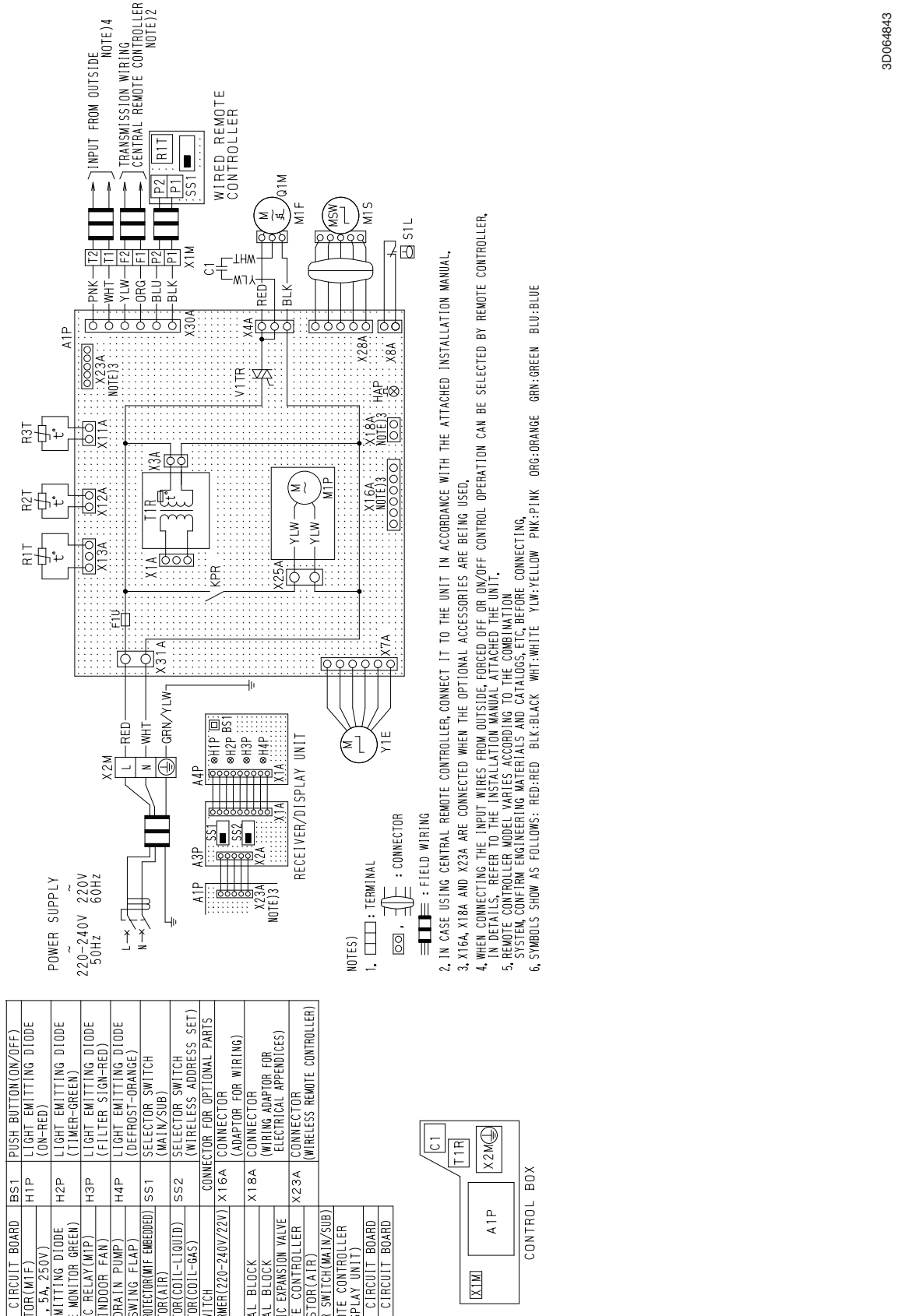
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE	ϕ12.7	ϕ6.4

4. Wiring Diagrams

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE



5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXZQ20MVE	50	220-240	MAX. 264 Min. 198	0.8	15	0.055	0.6	73	64
FXZQ25MVE				0.8	15	0.055	0.6	73	64
FXZQ32MVE				0.8	15	0.055	0.6	76	68
FXZQ40MVE				0.8	15	0.055	0.6	89	80
FXZQ50MVE				0.9	15	0.055	0.7	115	107
FXZQ20MVE	60	220	MAX. 242 Min. 198	0.8	15	0.055	0.6	75	69
FXZQ25MVE				0.8	15	0.055	0.6	75	69
FXZQ32MVE				0.8	15	0.055	0.6	80	73
FXZQ40MVE				0.8	15	0.055	0.6	95	88
FXZQ50MVE				0.9	15	0.055	0.7	128	122

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min.15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–
Fan motor thermal protector	°C	OFF : 130±5 ON : 83±20	OFF : 130±5 ON : 83±20	OFF : 130±5 ON : 83±20	OFF : 130±5 ON : 83±20	OFF : 130±5 ON : 83±20

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7. Capacity Tables

7.1 Cooling Capacity

FXZQ-M **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp. 14.0°CWB / 20°CDB		16.0°CWB / 23°CDB		18.0°CWB / 26°CDB		19.0°CWB / 27°CDB		20.0°CWB / 28°CDB		22.0°CWB / 30°CDB		24.0°CWB / 32°CDB	
	°CDB	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC
20	10.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.9	1.7
	12.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.9	1.6
	14.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.6	1.6	2.8	1.6
	16.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.8	1.7
	18.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.7
	20.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.7
	21.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.8	2.7	1.6
	23.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.7	2.6	1.6
	25.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.6	1.7	2.6	1.6
	27.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.5	1.7	2.6	1.6
	29.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.5	1.7	2.5	1.6
	31.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	33.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.5	1.5
	35.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
	37.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.5
	39.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	10.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.7	2.1
	12.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.6	2.1
	14.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.6	2.1
	16.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.5	2.0
	18.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.5	2.0
	20.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.4	2.0
	21.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.4	2.1	3.4	2.0
	23.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.3	2.1	3.4	1.9
	25.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.3	2.0	3.3	1.9
	27.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.2	2.0	3.3	1.9
	29.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.2	2.0	3.2	1.9
	31.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.1	2.0	3.2	1.9
	33.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.1	2.0	3.1	1.8
	35.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.0	1.9	3.1	1.8
	37.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	2.9	2.0	3.0	1.9	3.0	1.8
	39.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	2.9	2.0	2.9	1.9	3.0	1.8
32	10.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.7	2.6
	12.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.7	2.5
	14.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.6	2.5
	16.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.6	2.5
	18.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.5	2.5
	20.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.4	2.4
	21.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.3	2.5	4.4	2.4
	23.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.2	2.5	4.3	2.4
	25.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.2	2.5	4.3	2.4
	27.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.1	2.4	4.2	2.3
	29.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.1	2.4	4.2	2.3
	31.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	4.0	2.4	4.1	2.3
	33.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	3.9	2.4	4.0	2.3
	35.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	3.9	2.3	4.0	2.2
	37.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.7	2.4	3.8	2.3	3.9	2.2
	39.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.7	2.4	3.8	2.3	3.8	2.2
40	10.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.9	3.5
	12.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.8	3.4
	14.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.8	3.4
	16.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.7	3.4
	18.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.6	3.3
	20.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.5	3.3
	21.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.4	3.4	5.5	3.3
	23.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.3	3.4	5.4	3.2
	25.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.2	3.3	5.3	3.2
	27.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.2	3.3	5.3	3.2
	29.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.1	3.3	5.2	3.1
	31.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	5.0	3.2	5.1	3.1
	33.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.8	3.3	4.9	3.2	5.0	3.1
	35.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.7	3.3	4.9	3.2	5.0	3.0
	37.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.7	3.2	4.8	3.1	4.9	3.0
	39.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.6	3.2	4.7	3.1	4.8	3.0
50	10.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.4	4.4
	12.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.3	4.4
	14.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.2	4.3
	16.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.1	4.3
	18.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.0	4.2
	20.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.9	4.2
	21.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.8	4.2
	23.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.6	4.3	6.7	4.1
	25.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.5	4.3	6.6	4.1
	27.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.4	4.2	6.6	4.0
	29.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.3	4.2	6.5	4.0
	31.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.2	4.1	6.4	4.0
	33.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.1	4.1	6.3	3.9
	35.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.2	6.0	4.0	6.2	3.9
	37.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.8	4.1	5.9	4.0	6.1	3.8
	39.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.1	5.8	3.9	6.0	3.8

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXZQ-M **[50/60Hz] Heating capacity**

Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5

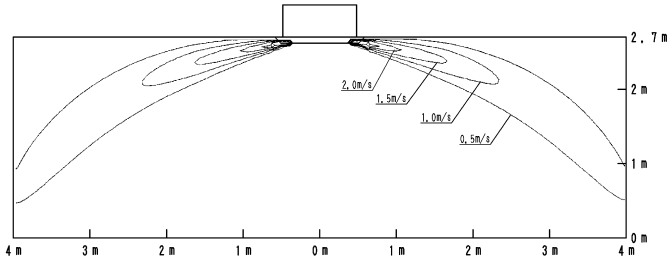
Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Air velocity and Temperature Distributions (Reference Data)

FXZQ20MVE / FXZQ25MVE (Cooling)

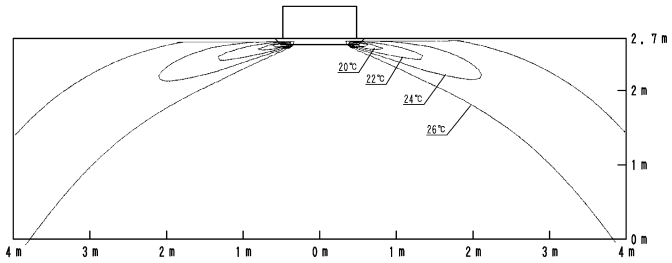
COOLING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

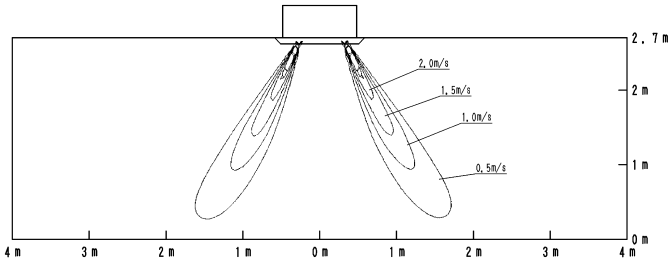


4D039738B

FXZQ20MVE / FXZQ25MVE (Heating)

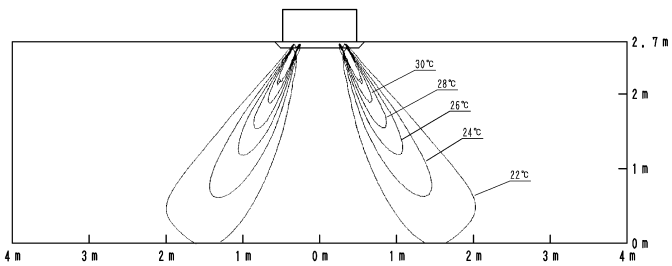
HEATING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN



HEATING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN

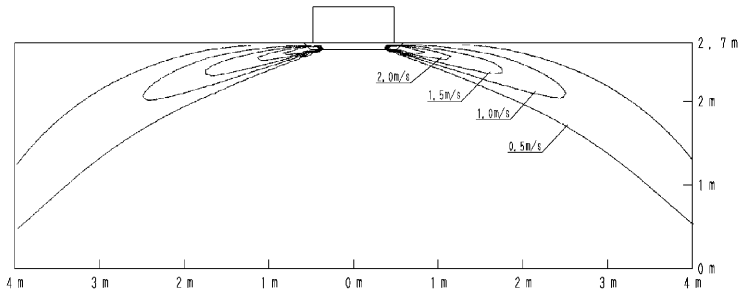


4D039820B

FXZQ32MVE (Cooling)

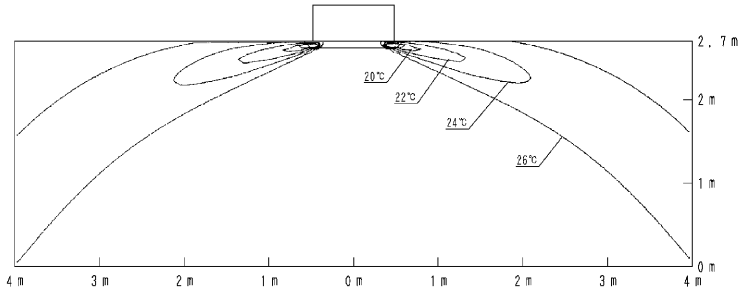
COOLING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

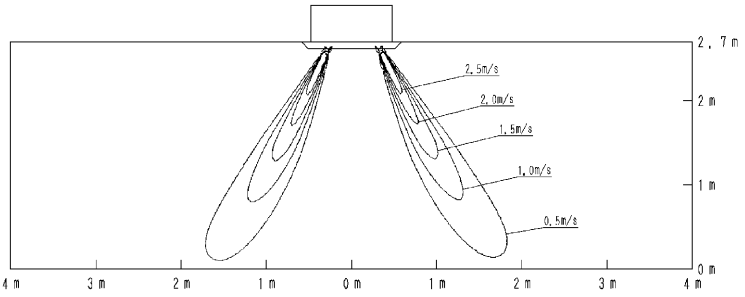


4D040188

FXZQ32MVE (Heating)

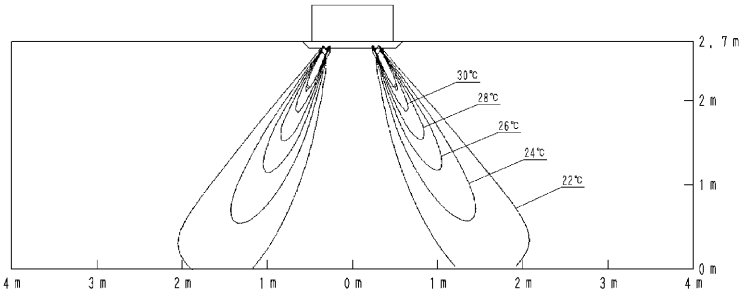
HEATING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN



HEATING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN

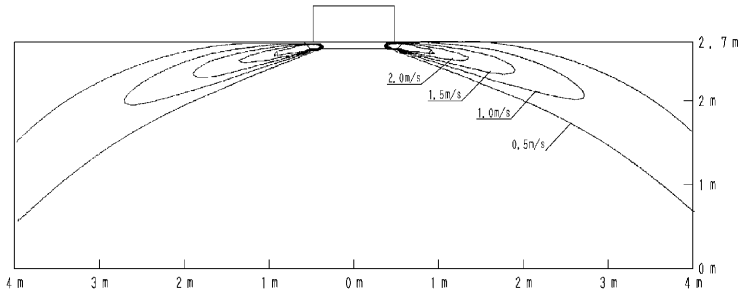


4D040191

FXZQ40MVE (Cooling)

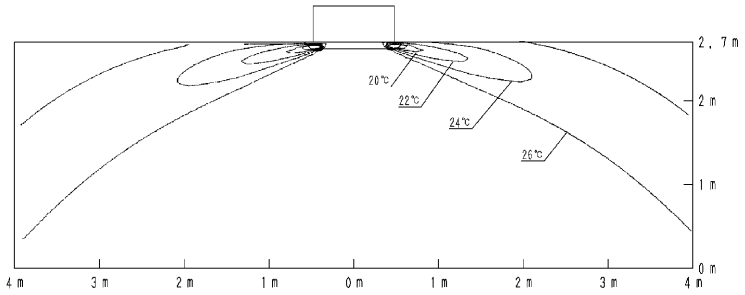
COOLING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

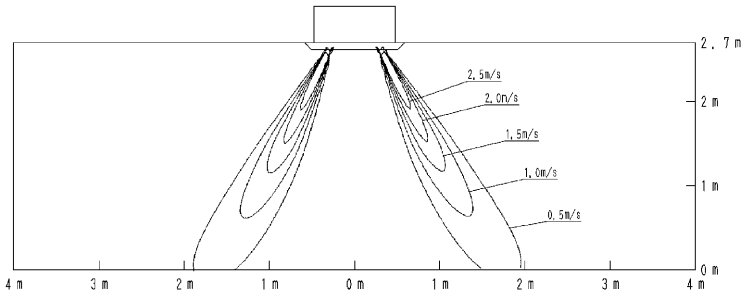


4D040189

FXZQ40MVE (Heating)

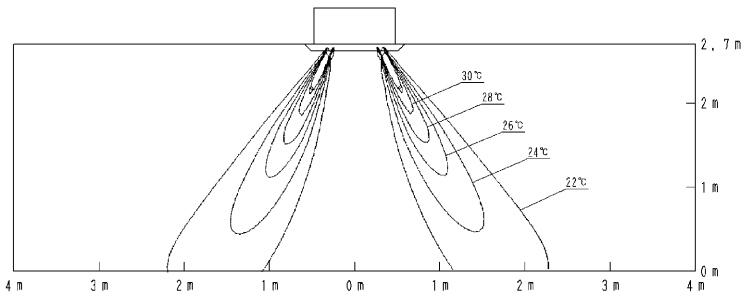
HEATING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN



HEATING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN

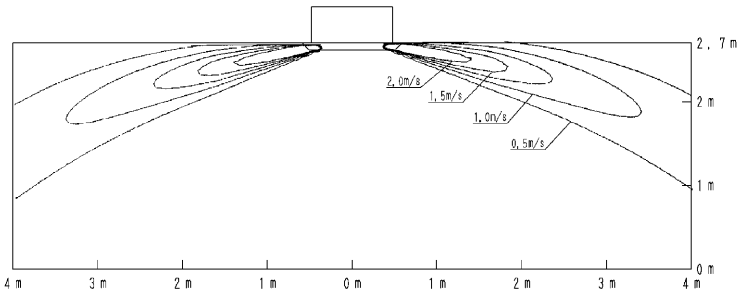


4D040192

FXZQ50MVE (Cooling)

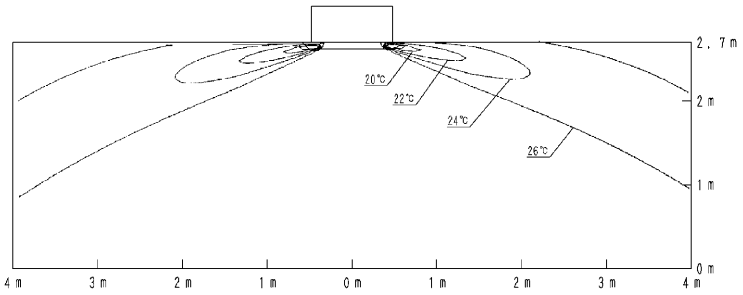
COOLING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

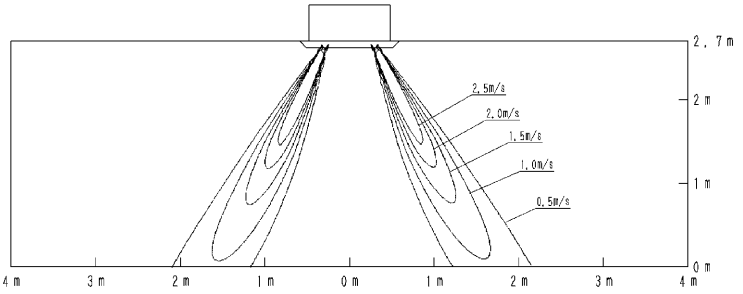


4D040190

FXZQ50MVE (Heating)

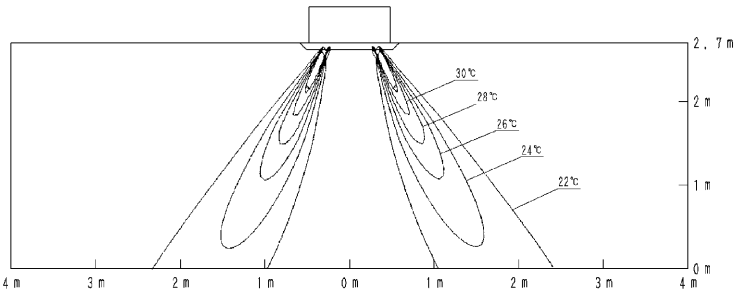
HEATING AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN



HEATING AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE , AIR FLOW DIRECTION : DOWN

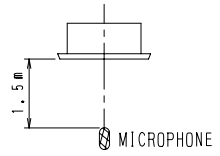


4D040193

9. Sound Levels

Overall

Location of microphone



Notes:

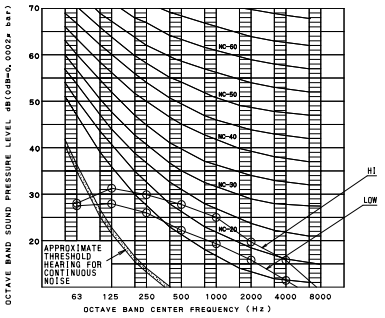
1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

dB(A)

Model	Sound level						Sound power		
	230V, 50Hz		240V, 50Hz		220V, 60Hz		230V, 50Hz	240V, 50Hz	220V, 60Hz
	H	L	H	L	H	L	H	H	H
FXZQ20MVE FXZQ25MVE	30	25	32	26	32	29	47	49	49
FXZQ32MVE	32	26	34	28	33	29	49	51	50
FXZQ40MVE	36	28	37	29	36	30	53	54	53
FXZQ50MVE	41	33	42	35	41	34	58	59	58

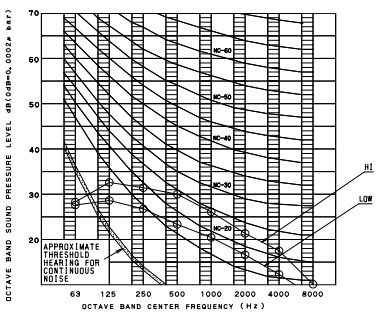
Octave Band Level (230V, 50Hz)

FXZQ20MVE / FXZQ25MVE



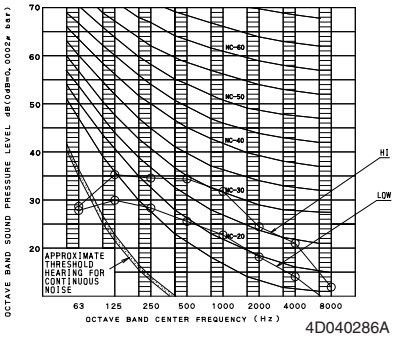
4D040274A

FXZQ32MVE



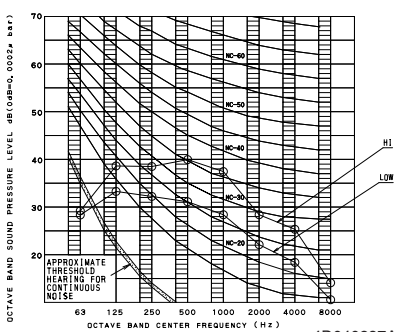
4D040285A

FXZQ40MVE



4D040286A

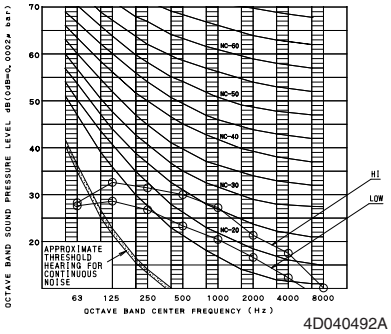
FXZQ50MVE



4D040287A

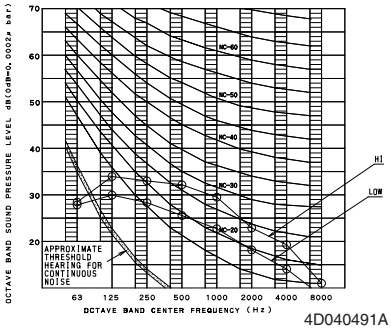
Octave Band Level (240V, 50Hz)

FXZQ20MVE / FXZQ25MVE



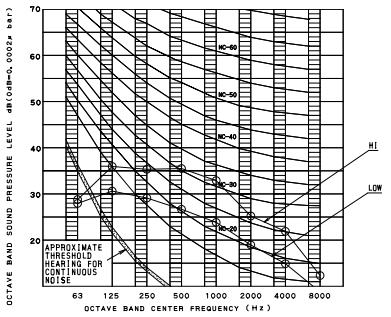
4D040492A

FXZQ32MVE



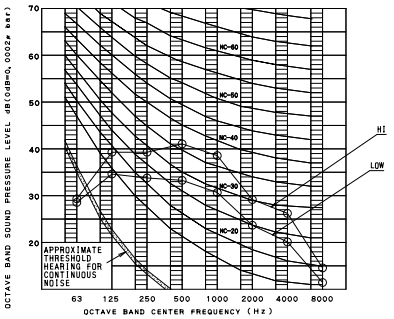
4D040491A

FXZQ40MVE



4D040490A

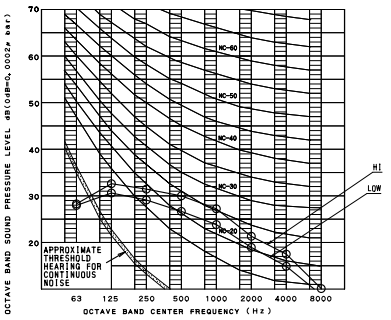
FXZQ50MVE



4D040293A

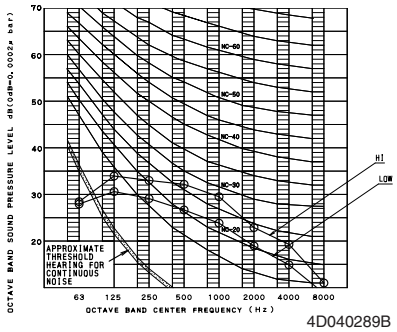
Octave Band Level (220V, 60Hz)

FXZQ20MVE / FXZQ25MVE



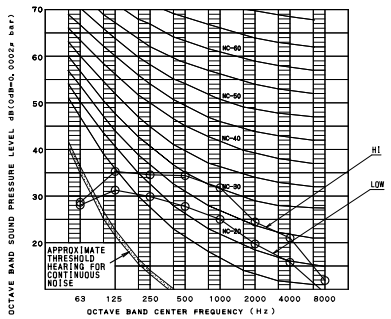
4D040323B

FXZQ32MVE



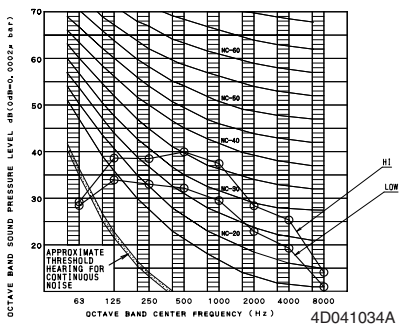
4D040289B

FXZQ40MVE



4D040290B

FXZQ50MVE

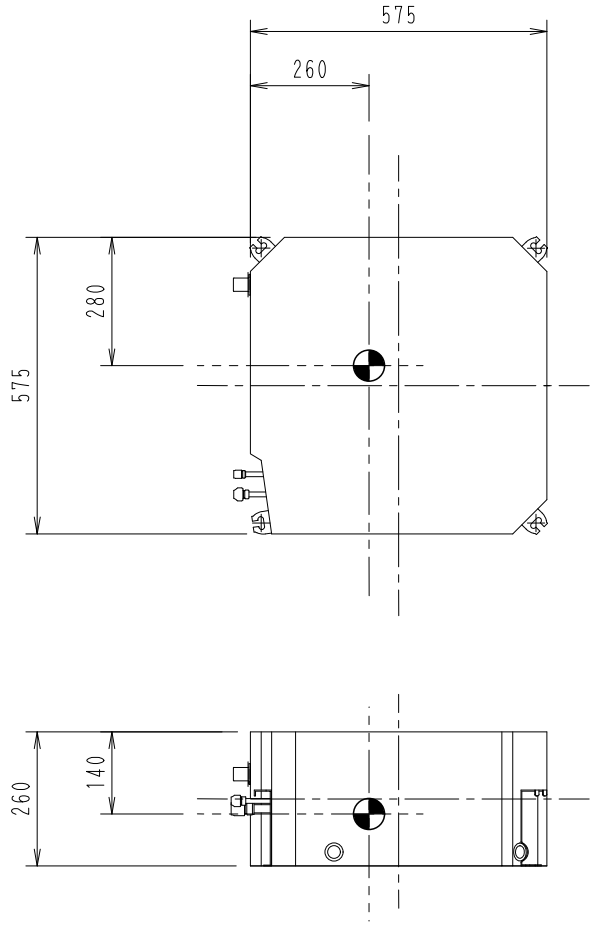


4D041034A

10. Centre of Gravity

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE

Unit (mm)



4D040158

11. Accessories

11.1 Optional Accessories (for Unit)

Model		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
Decoration panel		BYFQ60B8W1				
Sealing material of air discharge outlet		KDBH44BA60				
Panel spacer		KDBQ44BA60A				
Replacement long-life filter		KAFQ441BA60				
Fresh air intake kit	Direct installation type	KDDQ44XA60				

C: 3D038933

11.2 Optional Accessories (for Controls)

Refer to page 512.

FXCQ-M
Ceiling Mounted Cassette (Double Flow) Type

1. Specifications 52
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   7.2 Heating Capacity 64
8. Air Velocity and Temperature Distributions (Reference Data) 65
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   11.1 Optional Accessories (for Unit) 69
   11.2 Optional Accessories (for Controls) 69

1. Specifications

Ceiling mounted cassette (Double flow) type

Model			FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200	4,000
		Btu/h	7,800	9,900	12,600	16,000
		kW	2.3	2.9	3.7	4.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6	4.5
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400	4,300
		Btu/h	8,500	10,900	13,600	17,100
		kW	2.5	3.2	4.0	5.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	305×775×600	305×775×600	305×775×600	305×990×600
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5	2×10×1.5	2×10×1.5
	Face area	m²	2×0.100	2×0.100	2×0.100	2×0.145
Fan	Model		D17K2AA1	D17K2AB1	D17K2AB1	2D17K1AA1
	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	10×1	15×1	15×1	20×1
	Airflow rate (H/L)	m³/min	7/5	9/6.5	9/6.5	12/9
		l/s	116/83	150/108	150/108	200/150
		cfm	247/177	318/230	318/230	424/318
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	26	26	26	31
★5 Sound level (H/L)	220V, 50/60Hz	dB(A)	32/27	34/28	34/28	34/29
	240V, 50Hz		34/29	36/30	36/30	37/32
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYBC32G-W1	BYBC32G-W1	BYBC32G-W1	BYBC50G-W1
	Panel colour		White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)	mm	53×1,030×680	53×1,030×680	53×1,030×680	53×1,245×680
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	8	8	8	8.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.
Drawing No.			C: 3D039413			

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 61 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Double flow) type

Model			FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	5,000	6,300	8,000	12,500
		Btu/h	19,800	24,900	31,700	49,500
		kW	5.8	7.3	9.3	14.5
★2 ★4 Cooling capacity (19.0°CWB)		kW	5.6	7.1	9.0	14.0
★3 ★4 Heating capacity		kcal/h	5,400	6,900	8,600	13,800
		Btu/h	21,500	27,300	34,100	54,600
		kW	6.3	8.0	10.0	16.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	305×990×600	305×1,175×600	305×1,665×600	305×1,665×600
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5	2×10×1.5	2×10×1.5
	Face area	m²	2×0.145	2×0.184	2×0.287	2×0.287
Fan	Model		2D17K1AA1	2D17K2AA1VE	3D17K2AA1	3D17K2AB1
	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	20×1	30×1	50×1	85×1
	Airflow rate (H/L)	m³/min	12/9	16.5/13	26/21	33/25
		l/s	200/150	275/216	433/350	550/416
		cfm	424/318	582/459	918/741	1,165/883
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	32	35	47	48
★5 Sound level (H/L)	220V, 50/60Hz	dB(A)	34/29	37/32	39/34	44/38
	240V, 50Hz		37/32	39/34	41/36	46/40
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYBC50G-W1	BYBC63G-W1	BYBC125G-W1	BYBC125G-W1
	Panel colour		White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)	mm	53×1,245×680	53×1,430×680	53×1,920×680	53×1,920×680
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)	kg	8.5	9.5	12	12
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.
Standard accessories			C: 3D039413			

Notes:

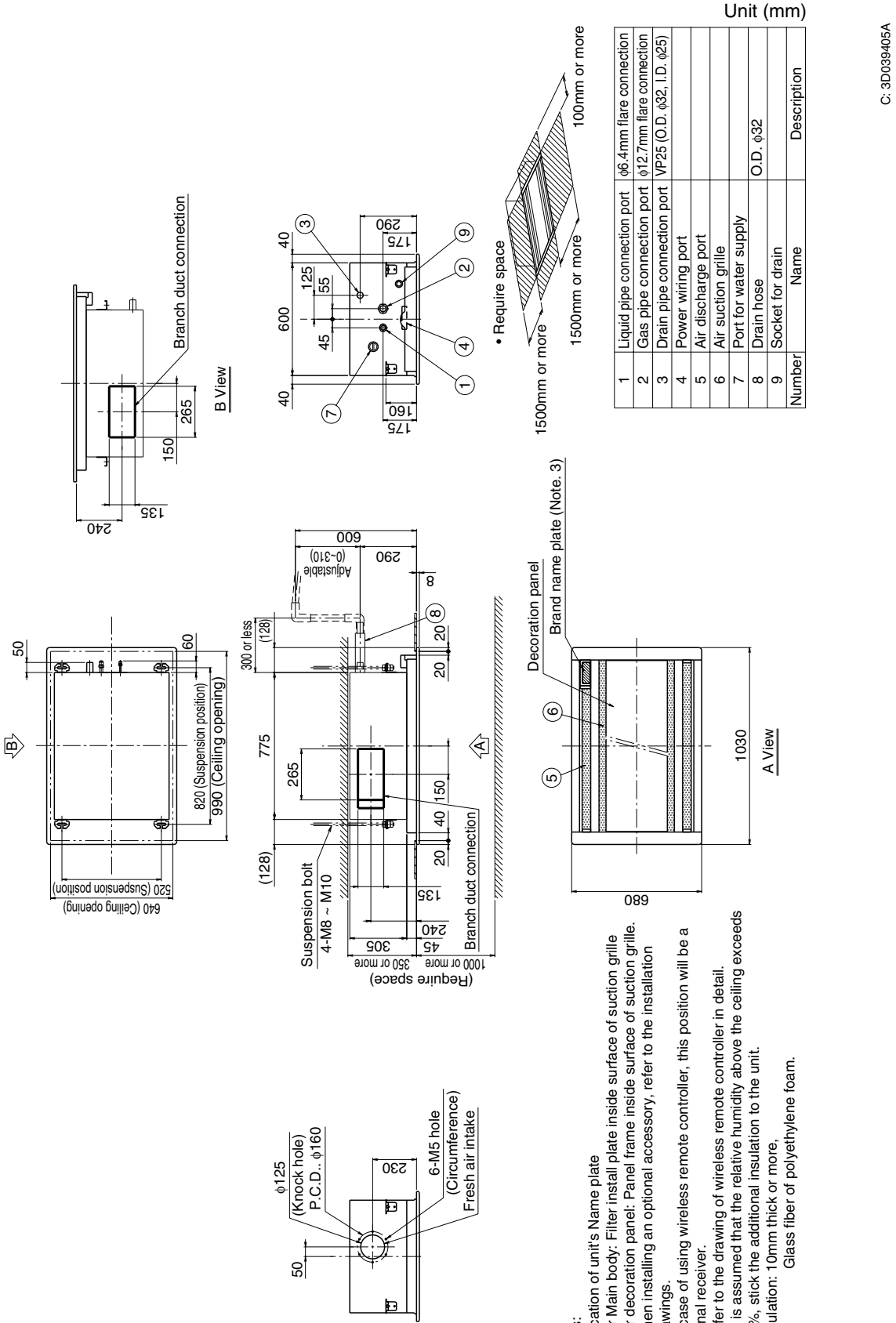
★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 61 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXCQ20MVE + BYBC32G-W1 (Decoration panel)
FXCQ25MVE + BYBC32G-W1 (Decoration panel)
FXCQ32MVE + BYBC32G-W1 (Decoration panel)

Unit (mm)



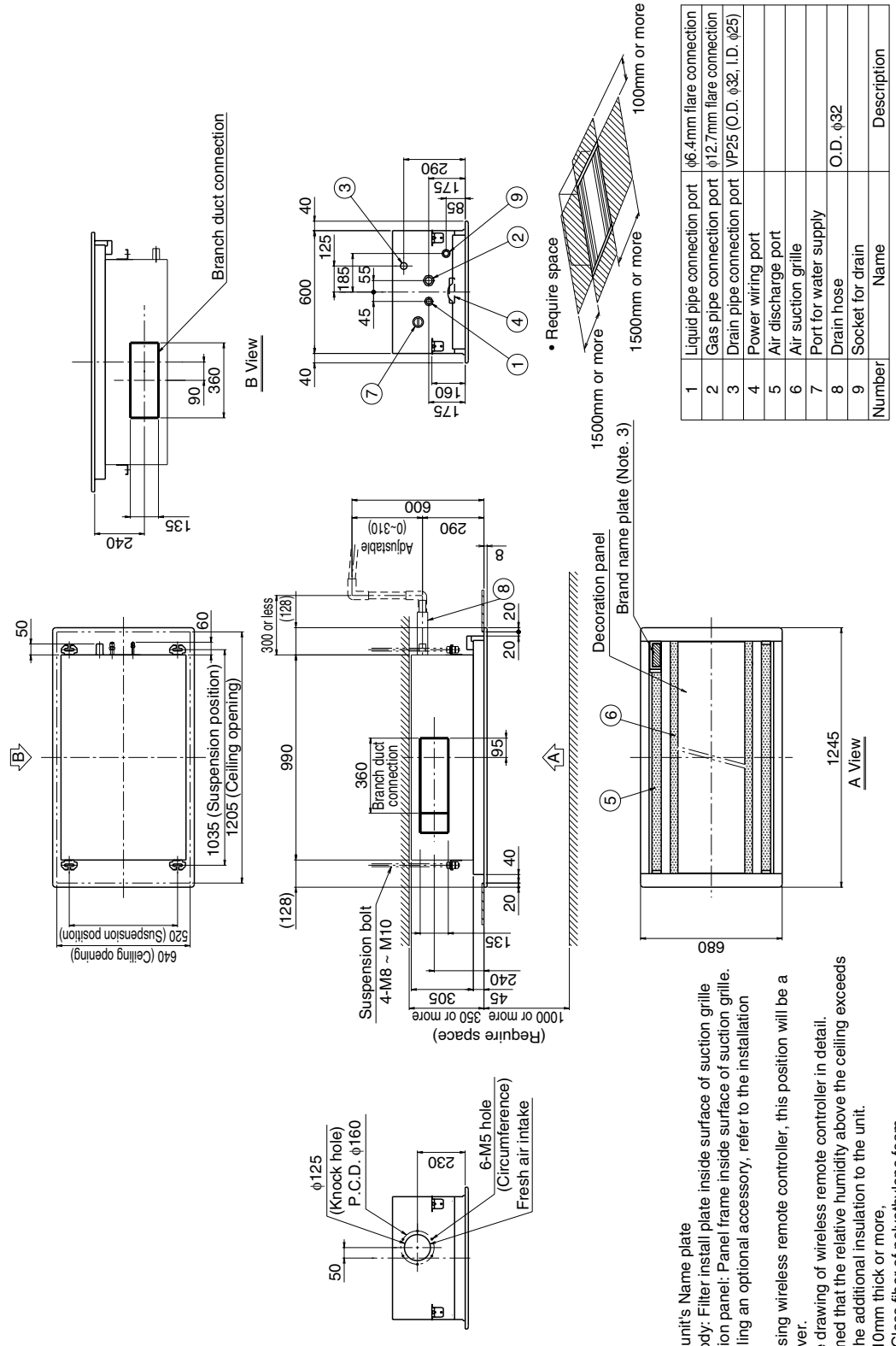
Number	Name	Description
1	Liquid pipe connection port	φ6.4mm flare connection
2	Gas pipe connection port	φ12.7mm flare connection
3	Drain pipe connection port	VP25 (O.D. φ32, I.D. φ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. φ32
9	Socket for drain	

C: 3D039405A

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver.
   Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stick the additional insulation to the unit.
   Insulation: 10mm thick or more,
   Glass fiber of polyethylene foam.

FXCQ40MVE + BYBC50G-W1 (Decoration panel)
FXCQ50MVE + BYBC50G-W1 (Decoration panel)

Unit (mm)



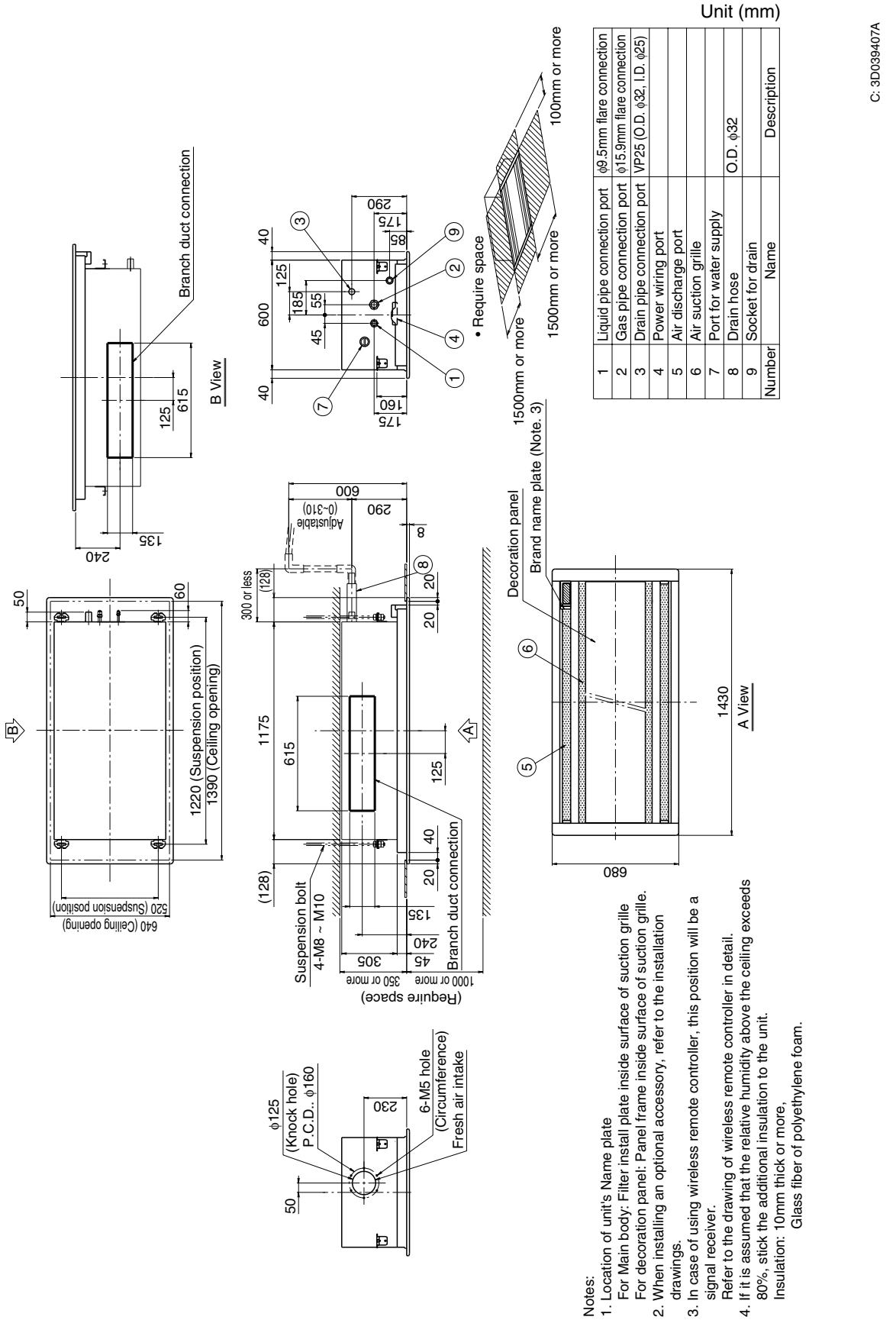
Number	Name	Description
1	Liquid pipe connection port	ϕ6.4mm flare connection
2	Gas pipe connection port	ϕ12.7mm flare connection
3	Drain pipe connection port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. ϕ32
9	Socket for drain	

C: 3D039406A

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver.
   Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stick the additional insulation to the unit.
   Insulation: 10mm thick or more,
   Glass fiber of polyethylene foam.

FXCQ63MVE + BYBC63G-W1 (Decoration panel)

Unit (mm)



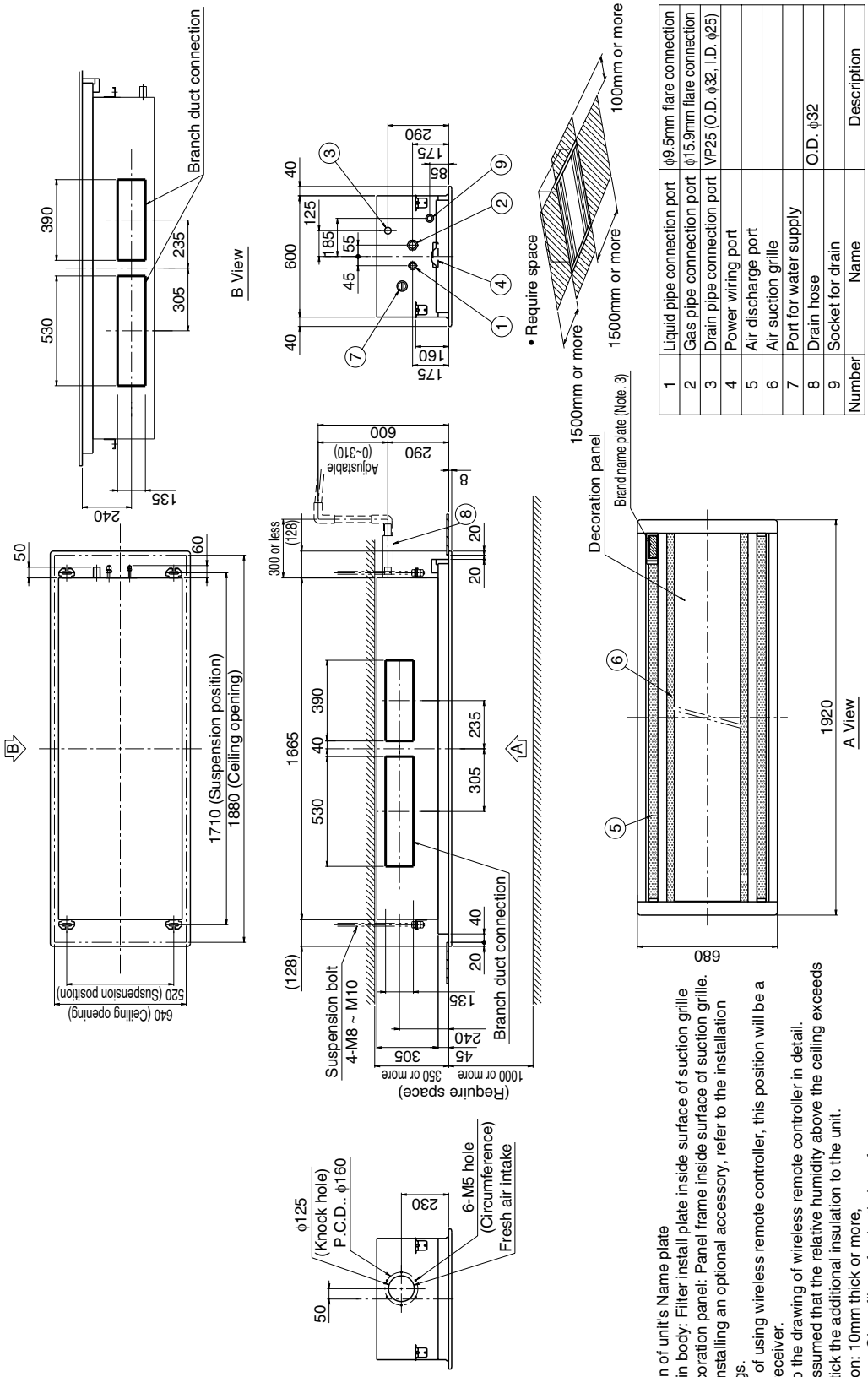
Number	Name	Description
1	Liquid pipe connection port	φ9.5mm flare connection
2	Gas pipe connection port	φ15.9mm flare connection
3	Drain pipe connection port	VP25 (O.D. φ32, I.D. φ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. φ32
9	Socket for drain	

C: 3D039407A

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver.
   Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stick the additional insulation to the unit.
   Insulation: 10mm thick or more,
   Glass fiber of polyethylene foam.

FXCQ80MVE + BYBC125G-W1 (Decoration panel)
FXCQ125MVE + BYBC125G-W1 (Decoration panel)

Unit (mm)

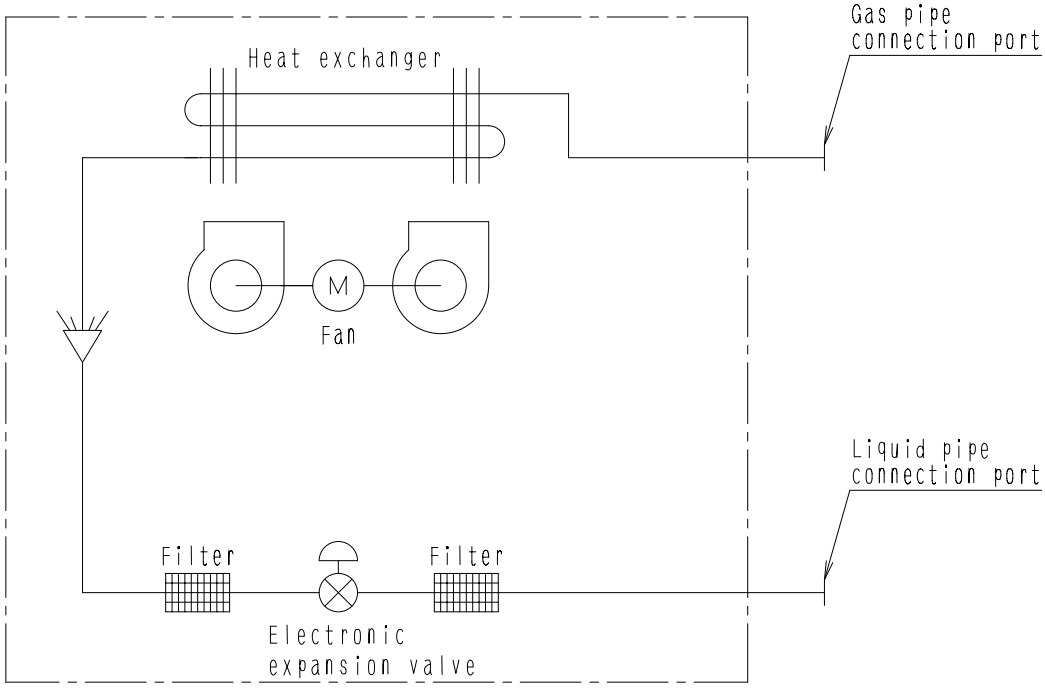


Number	Name	Description
1	Liquid pipe connection port	ϕ9.5mm flare connection
2	Gas pipe connection port	ϕ15.9mm flare connection
3	Drain pipe connection port	VP25 (O.D. ϕ32, I.D. ϕ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. ϕ32
9	Socket for drain	

C: 3D039409A

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver.
   Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stick the additional insulation to the unit.
   Insulation: 10mm thick or more,
   Glass fiber of polyethylene foam.

3. Piping Diagrams



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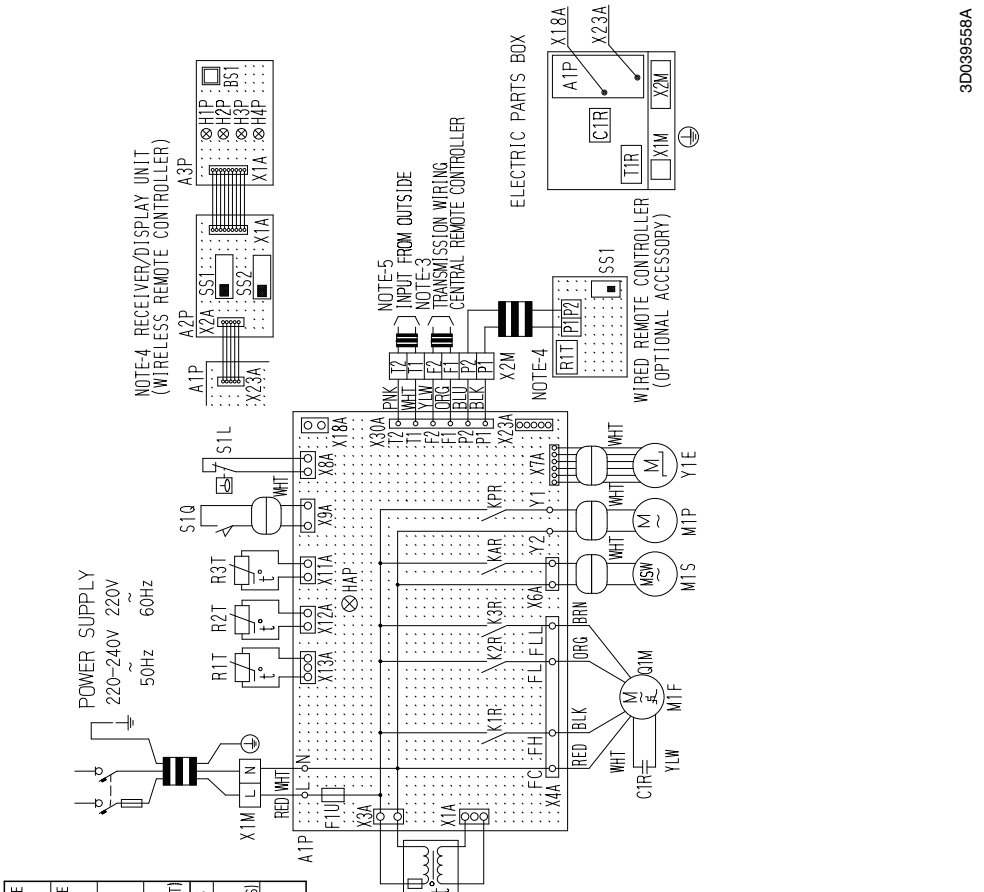
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ40MVE / FXCQ50MVE	ϕ12.7	ϕ6.4
FXCQ63MVE / FXCQ80MVE / FXCQ125MVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ63MVE



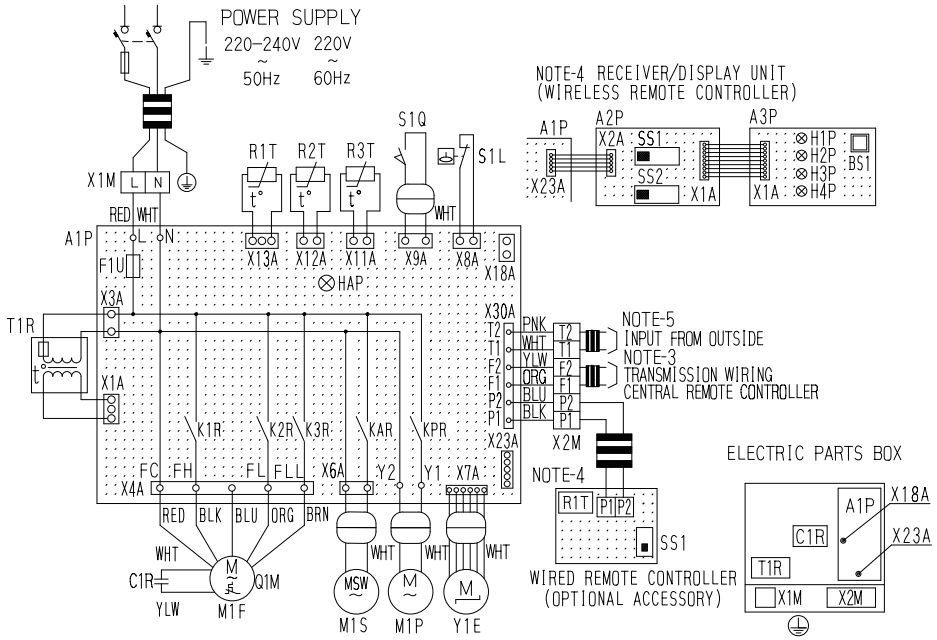
	INDOOR UNIT	Q1M	THERMO SWITCH (MIF EMBEDDED)	WIRED REMOTE CONTROLLER		H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
A1P	PRINTED CIRCUIT BOARD	R1T	THERMISTOR(AIR)	R1T	THERMISTOR(AIR)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
C1R	CAPACITOR(M1F)	R2T·R3T	THERMISTOR(COIL)	SS1	SELECTOR SWITCH (MAIN/SUB)	SS1	SELECTOR SWITCH (MAIN/SUB)
F1U	FUSE(Ⓑ,5A, 250V)	S1L	FLOAT SWITCH	RECEIVER/DISPLAY UNIT (ATTACHED TO WIRELESS REMOTE CONTROLLER)		SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)	S1Q	LIMIT SWITCH (SWING FLAP)	A2P	PRINTED CIRCUIT BOARD	CONNECTOR FOR OPTIONAL PARTS	
K1R-K3R	MAGNETIC RELAY(M1F)	T1R	TRANSFORMER(220-240V/22V)	A3P	PRINTED CIRCUIT BOARD	X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTORICAL APPENDICES)
KAR	MAGNETIC RELAY(M1S)	X1M	TERMINAL BLOCK(POWER)	BS1	PUSH BUTTON(ON/OFF)	X23A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
KPR	MAGNETIC RELAY(M1P)	X2M	TERMINAL BLOCK(CONTROL)	H1P	LIGHT EMITTING DIODE (ON-RED)		
M1F	MOTOR(INDOOR FAN)	Y1E	ELECTRONIC EXPANSION VALVE	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)		
M1P	MOTOR(DRAIN PUMP)						
M1S	MOTOR (SWING FLAP)						

NOTES) 1. □□□ : TERMINAL BLOCK, ⊡⊡, D— : CONNECTOR, —○— : TERMINAL
2. ═▮▮═ : FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. X23A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
6. SYMBOLS SHOWS AS FOLLOWS.
(PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE
BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)
7. USE COPPER CONDUCTORS ONLY.

FXCQ40MVE / FXCQ50MVE / FXCQ80MVE / FXCQ125MVE

INDOOR UNIT					
A1P	PRINTED CIRCUIT BOARD	S1L	FLOAT SWITCH	H1P	LIGHT EMITTING DIODE (ON-RED)
C1R	CAPACITOR(M1F)	S1Q	LIMIT SWITCH (SWING FLAP)	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
F1U	FUSE(Ⓑ,5A, 250V)	T1R	TRANSFORMER(220-240V/22V)		
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)	X1M	TERMINAL BLOCK(POWER)	H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
		X2M	TERMINAL BLOCK(CONTROL)		
K1R-K3R	MAGNETIC RELAY(M1F)	Y1E	ELECTRONIC EXPANSION VALVE	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
KAR	MAGNETIC RELAY(M1S)				
KPR	MAGNETIC RELAY(M1P)	WIRED REMOTE CONTROLLER		SS1	SELECTOR SWITCH (MAIN/SUB)
M1F	MOTOR(INDOOR FAN)	R1T	THERMISTOR(AIR)		
M1P	MOTOR(DRAIN PUMP)	SS1	SELECTOR SWITCH (MAIN/SUB)	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
M1S	MOTOR (SWING FLAP)				
Q1M	THERMO SWITCH (M1F EMBEDDED)	RECEIVER/DISPLAY UNIT (ATTACHED TO WIRELESS REMOTE CONTROLLER)		CONNECTOR FOR OPTIONAL PARTS	
				X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTORICAL APPENDICES)
R1T	THERMISTOR(AIR)	A2P	PRINTED CIRCUIT BOARD		
R2T·R3T	THERMISTOR(COIL)	A3P	PRINTED CIRCUIT BOARD	X23A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
		BS1	PUSH BUTTON(ON/OFF)		

NOTES) 1. ▭▭▭ :TERMINAL BLOCK, ▭▭ , ▷— :CONNECTOR, —○— :TERMINAL
2. ▬▮▮▮▬ :FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. X23A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER.
IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
6. SYMBOLS SHOWS AS FOLLOWS.
(PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE
BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)
7. USE COPPER CONDUCTORS ONLY.



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5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXCQ20MVE	50	220-240	MAX. 264 Min. 198	0.5	15	0.010	0.4	77	44
FXCQ25・32MVE				0.5	15	0.015	0.4	92	59
FXCQ40・50MVE				0.8	15	0.020	0.6	130	97
FXCQ63MVE				0.9	15	0.030	0.7	161	126
FXCQ80MVE				1.1	15	0.050	0.9	209	176
FXCQ125MVE				1.3	15	0.085	1.0	256	223
FXCQ20MVE	60	220	MAX. 242 Min. 198	0.5	15	0.010	0.4	81	48
FXCQ25・32MVE				0.5	15	0.015	0.4	95	62
FXCQ40・50MVE				0.8	15	0.020	0.6	132	99
FXCQ63MVE				0.9	15	0.030	0.7	157	124
FXCQ80MVE				1.3	15	0.050	1.0	216	183
FXCQ125MVE				1.5	15	0.085	1.2	278	245

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	152±2	152±2	152±2	152±2	152±2	–	–	–
Fan motor thermal protector	°C	OFF : 130±5 (ON : 90±15)	OFF : 130±5 (ON : 90±15)	OFF : 130±5 (ON : 90±15)	–	–	OFF : 135±8 (ON : 87±15)	OFF : 135±8 (ON : 87±15)	OFF : 135±8 (ON : 87±15)
Drain pump thermal fuse	°C	169	169	169	169	169	169	169	169

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7. Capacity Tables

7.1 Cooling Capacity

FXCQ-M **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	10.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.9	1.7
	12.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.9	1.7
	14.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.8	1.7
	16.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.8	1.7
	18.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.7
	20.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.6
	21.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.7	1.6
	23.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
	25.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
	27.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.6	1.6
	29.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.5	1.6
	31.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.5
	33.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.6	2.5	1.5
	35.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
	37.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.5
	39.0	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	10.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.7	2.2
	12.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.6	2.2
	14.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.6	2.2
	16.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.5	2.2
	18.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.5	2.1
	20.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.4	2.1
	21.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.4	2.2	3.4	2.1
	23.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.3	2.2	3.4	2.1
	25.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.3	2.2	3.3	2.1
	27.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.2	2.2	3.3	2.0
	29.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.2	2.1	3.2	2.0
	31.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.1	2.1	3.2	2.0
	33.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.1	2.1	3.1	2.0
	35.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	3.0	2.2	3.0	2.1	3.1	1.9
	37.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	2.9	2.2	3.0	2.0	3.0	1.9
	39.0	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	2.9	2.2	2.9	2.0	3.0	1.9
32	10.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.7	2.7
	12.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.7	2.7
	14.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.6	2.7
	16.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.6	2.6
	18.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.5	2.6
	20.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.4	2.5
	21.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.3	2.7	4.4	2.5
	23.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.2	2.6	4.3	2.5
	25.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.2	2.6	4.3	2.5
	27.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.1	2.6	4.2	2.4
	29.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.1	2.5	4.2	2.4
	31.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	4.0	2.5	4.1	2.4
	33.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	3.9	2.5	4.0	2.4
	35.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.8	2.6	3.9	2.5	4.0	2.4
	37.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.7	2.6	3.8	2.5	3.9	2.3
	39.0	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.7	2.6	3.8	2.4	3.8	2.3
40	10.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.9	3.3
	12.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.8	3.3
	14.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.8	3.2
	16.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.7	3.2
	18.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.6	3.2
	20.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.5	3.1
	21.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.4	3.3	5.5	3.1
	23.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.3	3.3	5.4	3.1
	25.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.2	3.3	5.3	3.1
	27.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.2	3.2	5.3	3.0
	29.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.1	3.2	5.2	3.0
	31.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	5.0	3.1	5.1	2.9
	33.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.8	3.3	4.9	3.1	5.0	2.9
	35.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.7	3.3	4.9	3.1	5.0	2.9
	37.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.7	3.2	4.8	3.0	4.9	2.8
	39.0	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.6	3.2	4.7	3.0	4.8	2.8
50	10.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.4	4.0
	12.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.3	4.0
	14.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.2	4.0
	16.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.1	3.9
	18.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.0	3.9
	20.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.9	3.8
	21.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.8	3.8
	23.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.6	4.0	6.7	3.8
	25.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.5	4.0	6.6	3.7
	27.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.4	3.9	6.6	3.7
	29.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.3	3.9	6.5	3.6
	31.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.2	3.8	6.4	3.6
	33.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.1	3.8	6.3	3.6
	35.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.9	4.0	6.0	3.8	6.2	3.5
	37.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.8	3.9	5.9	3.7	6.1	3.5
	39.0	3.8	3.1	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	6.0	3.4

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
63	10.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.3	5.0
	12.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.2	5.0
	14.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.1	4.9
	16.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	9.0	4.9
	18.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.8	4.8
	20.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.7	4.7
	21.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.5	5.0	8.7	4.7
	23.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.4	4.9	8.5	4.6
	25.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.3	4.9	8.4	4.6
	27.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.1	4.8	8.3	4.5
	29.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	8.0	4.7	8.2	4.5
	31.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	7.9	4.7	8.1	4.4
	33.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.6	4.9	7.8	4.6	7.9	4.4
	35.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.5	4.8	7.7	4.6	7.8	4.4
	37.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.4	4.8	7.5	4.5	7.7	4.3
	39.0	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.2	4.7	7.4	4.5	7.6	4.3
80	10.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.8	6.7
	12.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.7	6.6
	14.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.5	6.6
	16.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.4	6.5
	18.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.2	6.4
	20.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.1	6.3
	21.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.8	6.8	11.0	6.3
	23.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.6	6.7	10.8	6.3
	25.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.5	6.6	10.7	6.2
	27.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.3	6.6	10.5	6.1
	29.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.2	6.5	10.4	6.0
	31.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	10.0	6.4	10.2	6.0
	33.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.6	6.5	9.8	6.3	10.1	5.9
	35.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.5	6.4	9.7	6.3	9.9	5.8
	37.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.3	6.4	9.5	6.2	9.8	5.7
	39.0	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.2	6.3	9.4	6.1	9.6	5.7
125	10.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.4	10.3
	12.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.2	10.2
	14.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	18.0	10.1
	16.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.7	9.9
	18.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.5	9.8
	20.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.2	9.7
	21.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.8	10.2	17.1	9.6
	23.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.5	10.1	16.9	9.5
	25.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.3	10.0	16.6	9.4
	27.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	16.1	9.8	16.4	9.3
	29.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.8	9.7	16.2	9.3
	31.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.6	9.6	15.9	9.2
	33.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.9	9.9	15.3	9.5	15.7	9.1
	35.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.8	9.9	15.1	9.4	15.4	9.0
	37.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.5	9.7	14.9	9.3	15.2	8.9
	39.0	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.8	14.3	9.6	14.6	9.2	15.0	8.8

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXCQ-M [50/60Hz] Heating capacity

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0
80	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
	-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
	-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
	-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
	-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
	-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
	-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
	-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
	-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
	-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
	-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
	0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
	3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
	5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
	7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
	9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
	11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
	13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
	15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
125	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
	-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
	-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
	-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
	-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
	-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
	-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
	-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
	-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
	-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
	-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
	0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
	3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
	5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
	7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
	9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
	11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
	13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
	15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9

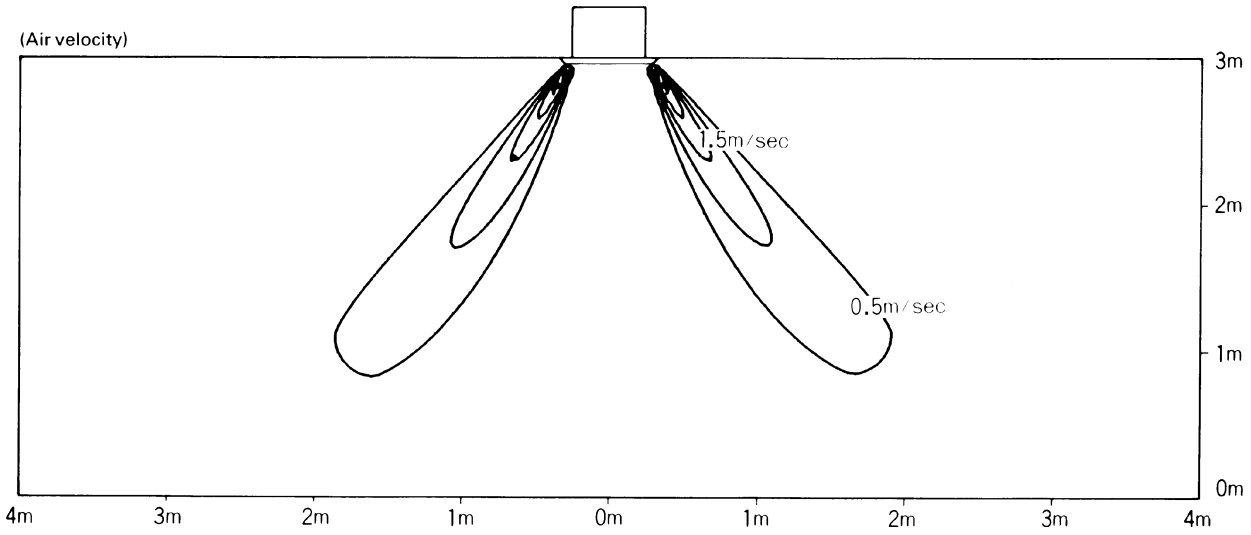
Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Air Velocity and Temperature Distributions (Reference Data)

FXCQ63MVE

(Heating · Air velocity distribution)

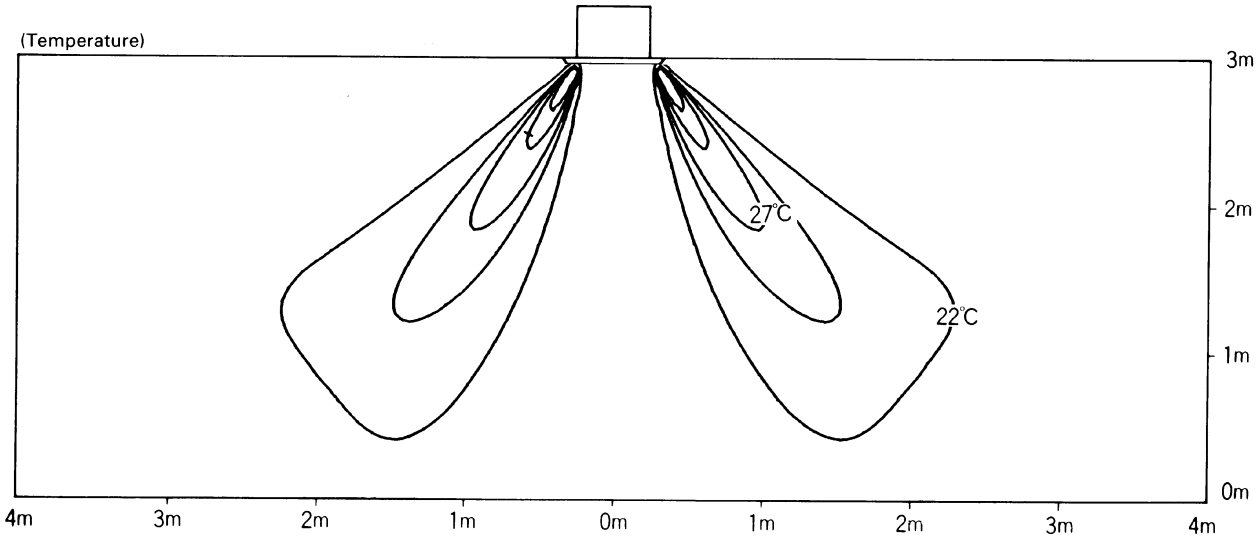
Discharge angle : 60°



FXCQ63MVE

(Heating · Temperature distribution)

Discharge angle : 60°

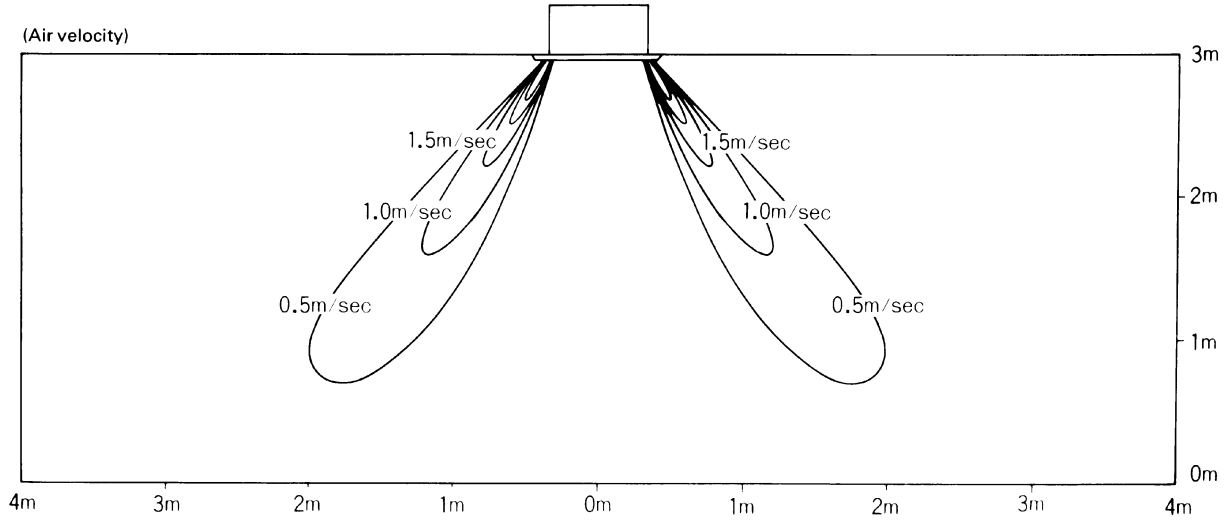


Note:

The standard setup height of the double flow type is 3 m maximum. Shown here is the measurement distribution at the ceiling height of 3 m.

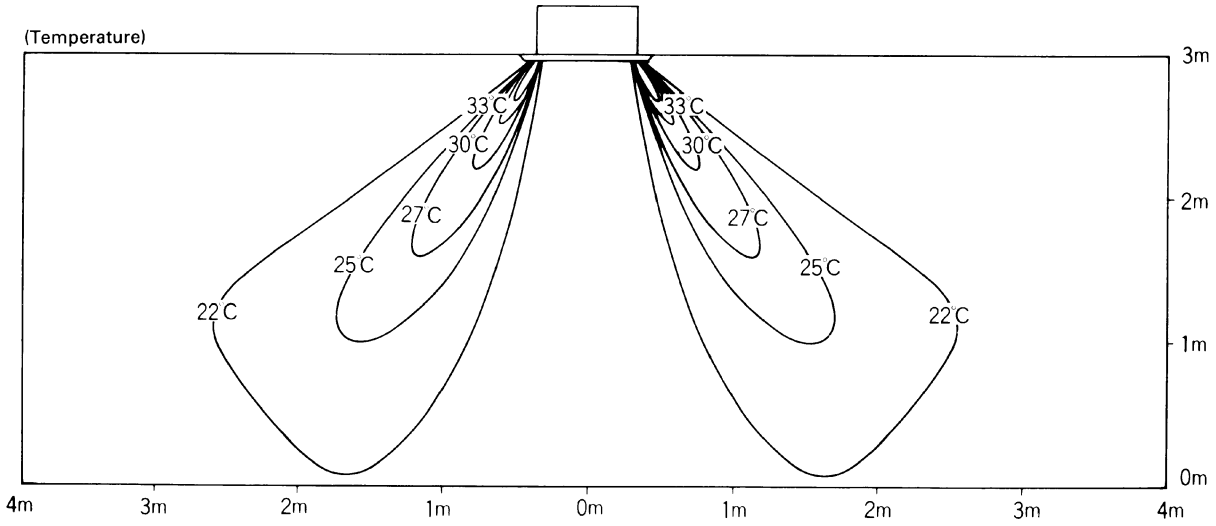
FXCQ125MVE

(Heating · Air velocity distribution)
Discharge angle : 60°



FXCQ125MVE

(Heating · Temperature distribution)
Discharge angle : 60°

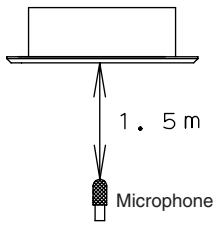


Note:
The standard setup height of the double flow type is 3 m maximum. Shown here is the measurement distribution at the ceiling height of 3 m.

9. Sound Levels

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

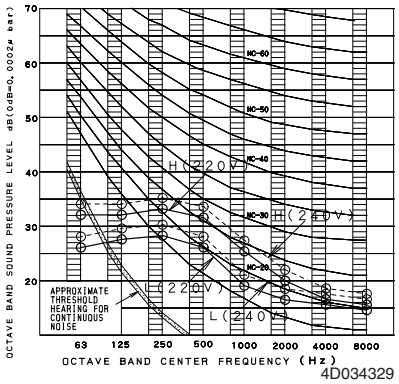
dB(A)

Model	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXCQ20MVE	32	27	34	29
FXCQ25MVE FXCQ32MVE	34	28	36	30
FXCQ40MVE FXCQ50MVE	34	29	37	32
FXCQ63MVE	37	32	39	34
FXCQ80MVE	39	34	41	36
FXCQ125MVE	44	38	46	40

Octave Band Level

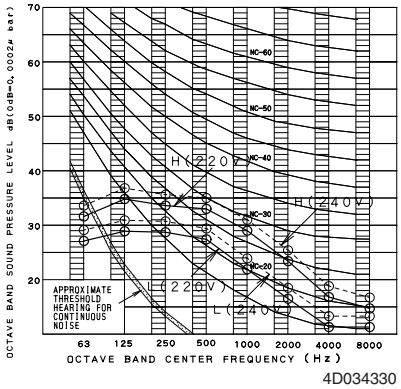
○——○ 220V, 50/60Hz
○- - - -○ 240V, 50Hz

FXCQ20MVE



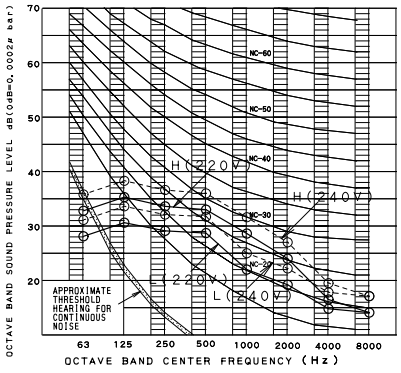
4D034329

FXCQ25MVE / FXCQ32MVE



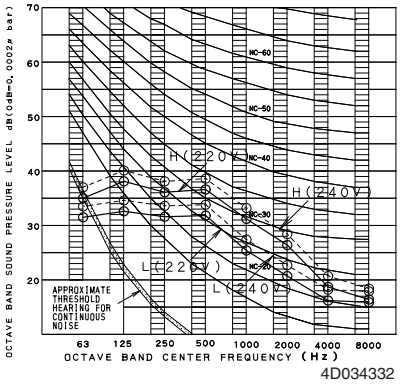
4D034330

FXCQ40MVE / FXCQ50MVE



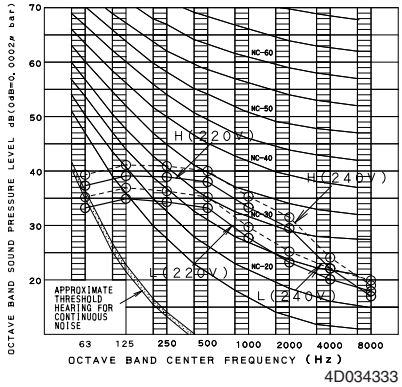
4D034331

FXCQ63MVE



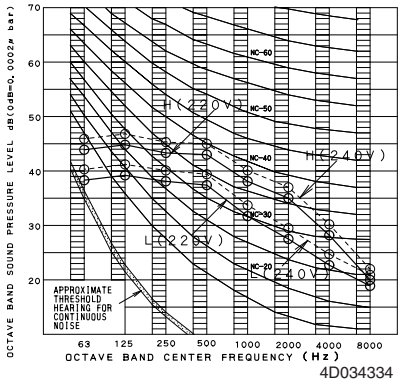
4D034332

FXCQ80MVE



4D034333

FXCQ125MVE

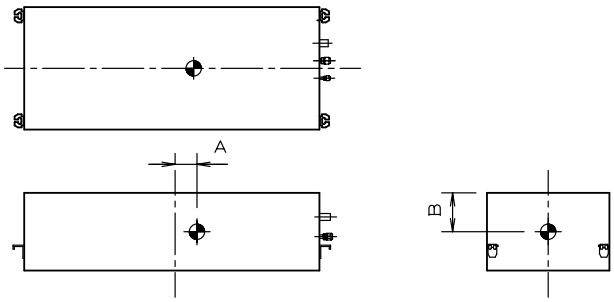


4D034334

10. Centre of Gravity

FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ40MVE / FXCQ50MVE / FXCQ63MVE / FXCQ80MVE / FXCQ125MVE

Unit (mm)



MODEL	A	B
FXCQ20 • 25 • 32MVE	20	140
FXCQ40 • 50MVE	25	
FXCQ63MVE	30	
FXCQ80 • 125MVE	35	150

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11. Accessories

11.1 Optional Accessories (for Unit)

Model			FXCQ20MVE FXCQ25MVE FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Decoration panel			BYBC32G-W1	BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
Filter related	High efficiency filter 65% ★1		KAFJ532G36	KAFJ532G56		KAFJ532G80	KAFJ532G160	
	High efficiency filter 90% ★1		KAFJ533G36	KAFJ533G56		KAFJ533G80	KAFJ533G160	
	Filter chamber	Bottom suction	KDDFJ53G36	KDDFJ53G56		KDDFJ53G80	KDDFJ53G160	
	Long life replacement filter		KAFJ531G36	KAFJ531G56		KAFJ531G80	KAFJ531G160	

3D035093C

Note:

★1. Filter chamber is required if installing high efficiency filter.

11.2 Optional Accessories (for Controls)

Refer to page 512.

FXKQ-MA
Ceiling Mounted Cassette
Corner Type

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1. Specifications

Ceiling mounted cassette corner type

Model				FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)			kcal/h	2,500	3,200	4,000	6,300
			Btu/h	9,900	12,600	16,000	24,900
			kW	2.9	3.7	4.7	7.3
★2 ★4 Cooling capacity (19.0°CWB)			kW	2.8	3.6	4.5	7.1
★3 ★4 Heating capacity			kcal/h	2,800	3,400	4,300	6,900
			Btu/h	10,900	13,600	17,100	27,300
			kW	3.2	4.0	5.0	8.0
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	215×1,110×710	215×1,110×710	215×1,110×710	215×1,310×710
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	2×11×1.75	2×11×1.75	2×11×1.75	3×11×1.75
	Face area		m²	0.180	0.180	0.180	0.226
Fan	Model			3D12H1AN1V1	3D12H1AN1V1	3D12H1AP1V1	4D12H1AJ1V1
	Type			Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	15×1	15×1	20×1	45×1
	Airflow rate (H/L)	50 Hz	m³/min	11/9	11/9	13/10	18/15
			l/s	183/150	183/150	216/166	300/250
			cfm	388/318	388/318	459/353	635/530
		60 Hz	m³/min	11/8.5	11/8.5	13/10	18/13
			l/s	183/141	183/141	216/166	300/216
			cfm	388/300	388/300	459/353	635/459
	Drive			Direct drive	Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Polyethylene foam	Polyethylene foam	Polyethylene foam	Polyethylene foam
Piping connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)			kg	31	31	31	34
★5 Sound level (H/L)	220V, 50/60Hz		dB(A)	38/33	38/33	40/34	42/37
	240V, 50Hz			40/35	40/35	42/36	44/39
Safety devices				Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYK45FJW1	BYK45FJW1	BYK45FJW1	BYK71FJW1
	Panel colour			White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)		mm	70×1,240×800	70×1,240×800	70×1,240×800	70×1,440×800
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass (Weight)		kg	8.5	8.5	8.5	9.5
Standard accessories				Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.
Drawing No.				C: 3D038813A			

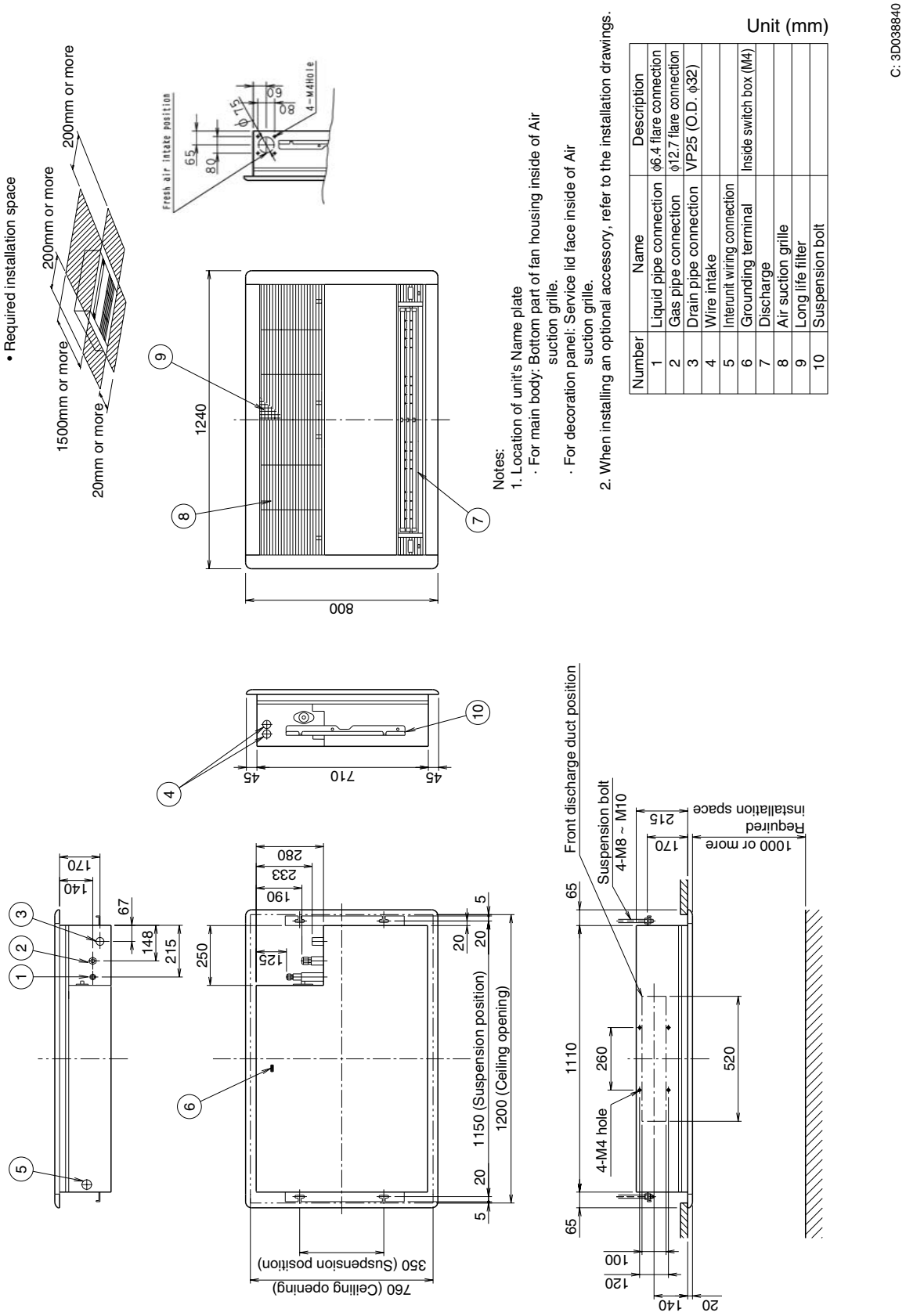
Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 77 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

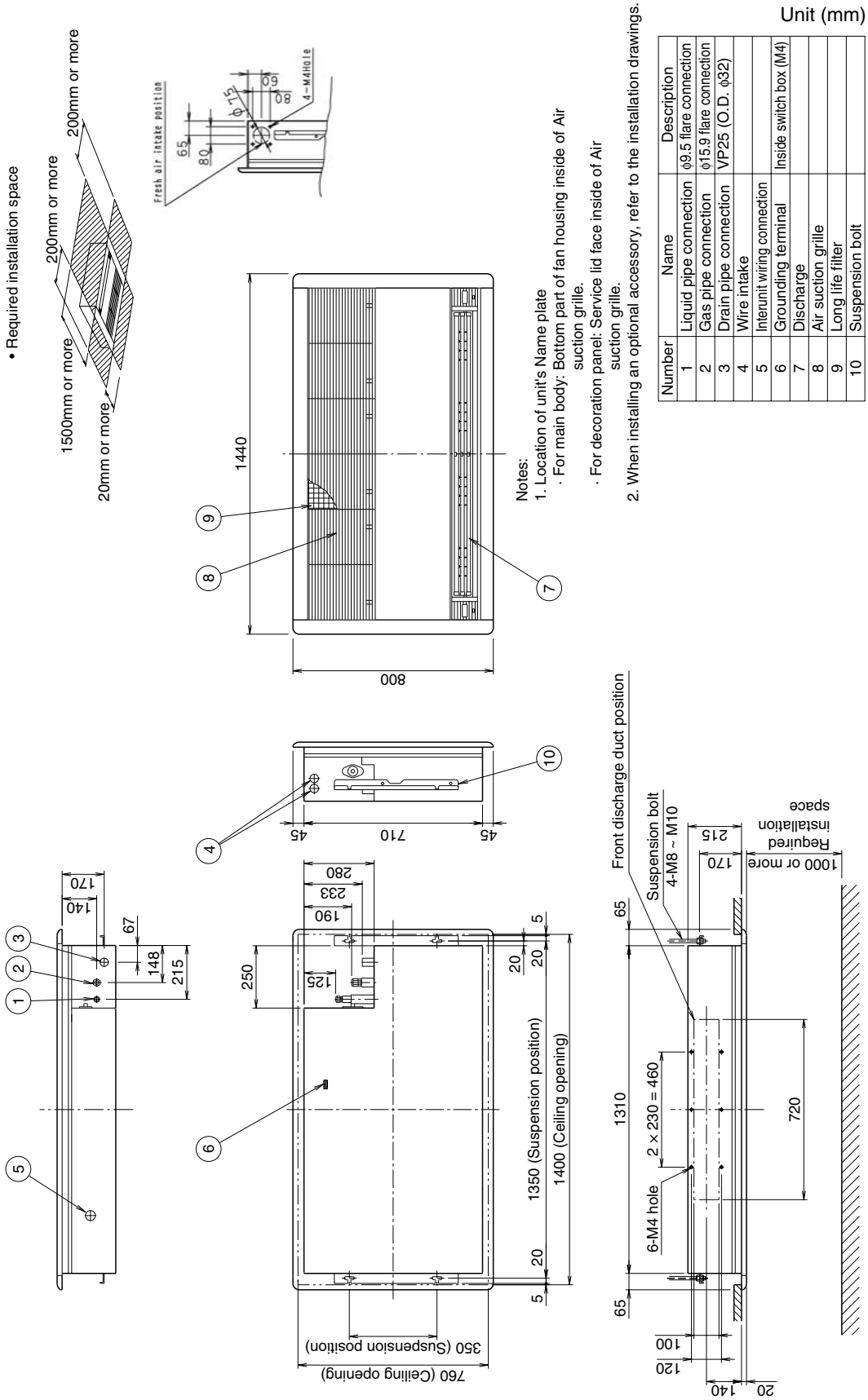
2. Dimensions

FXKQ25MAVE + BYK45FJW1 (Decoration panel)
FXKQ32MAVE + BYK45FJW1 (Decoration panel)
FXKQ40MAVE + BYK45FJW1 (Decoration panel)



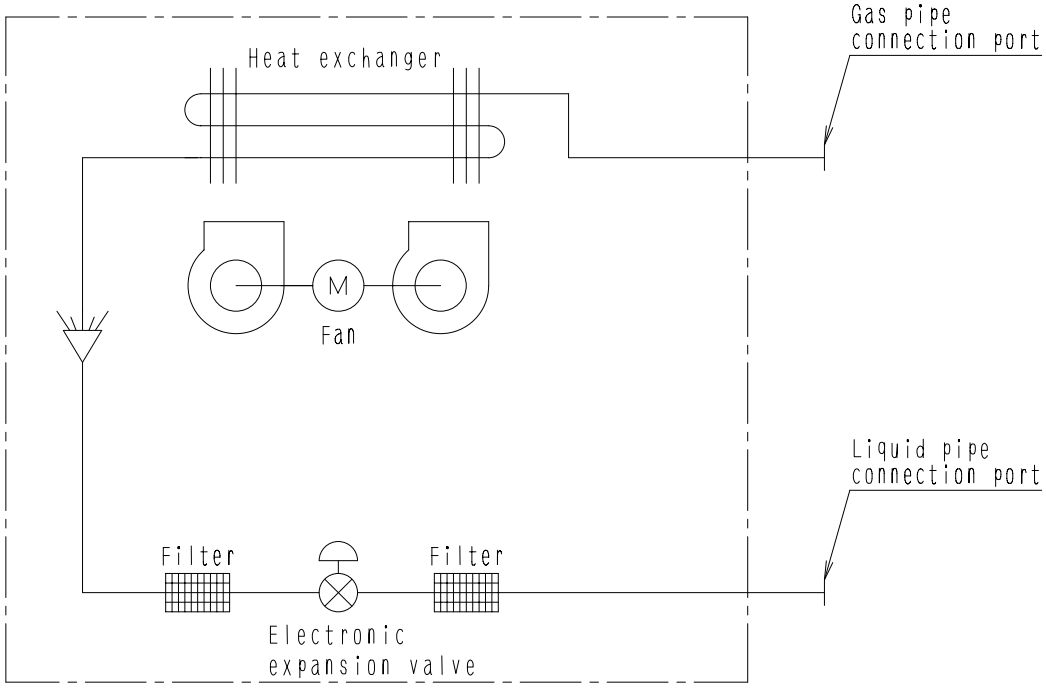
Number	Name	Description
1	Liquid pipe connection	ϕ6.4 flare connection
2	Gas pipe connection	ϕ12.7 flare connection
3	Drain pipe connection	VP25 (O.D. ϕ32)
4	Wire intake	
5	Interunit wiring connection	
6	Grounding terminal	Inside switch box (M4)
7	Discharge	
8	Air suction grille	
9	Long life filter	
10	Suspension bolt	

FXKQ63MAVE + BYK71FJW1 (Decoration panel)



Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare connection
2	Gas pipe connection	ϕ15.9 flare connection
3	Drain pipe connection	VP25 (O.D. ϕ32)
4	Wire intake	
5	Interunit wiring connection	
6	Grounding terminal	Inside switch box (M4)
7	Discharge	
8	Air suction grille	
9	Long life filter	
10	Suspension bolt	

3. Piping Diagrams



4D034245D

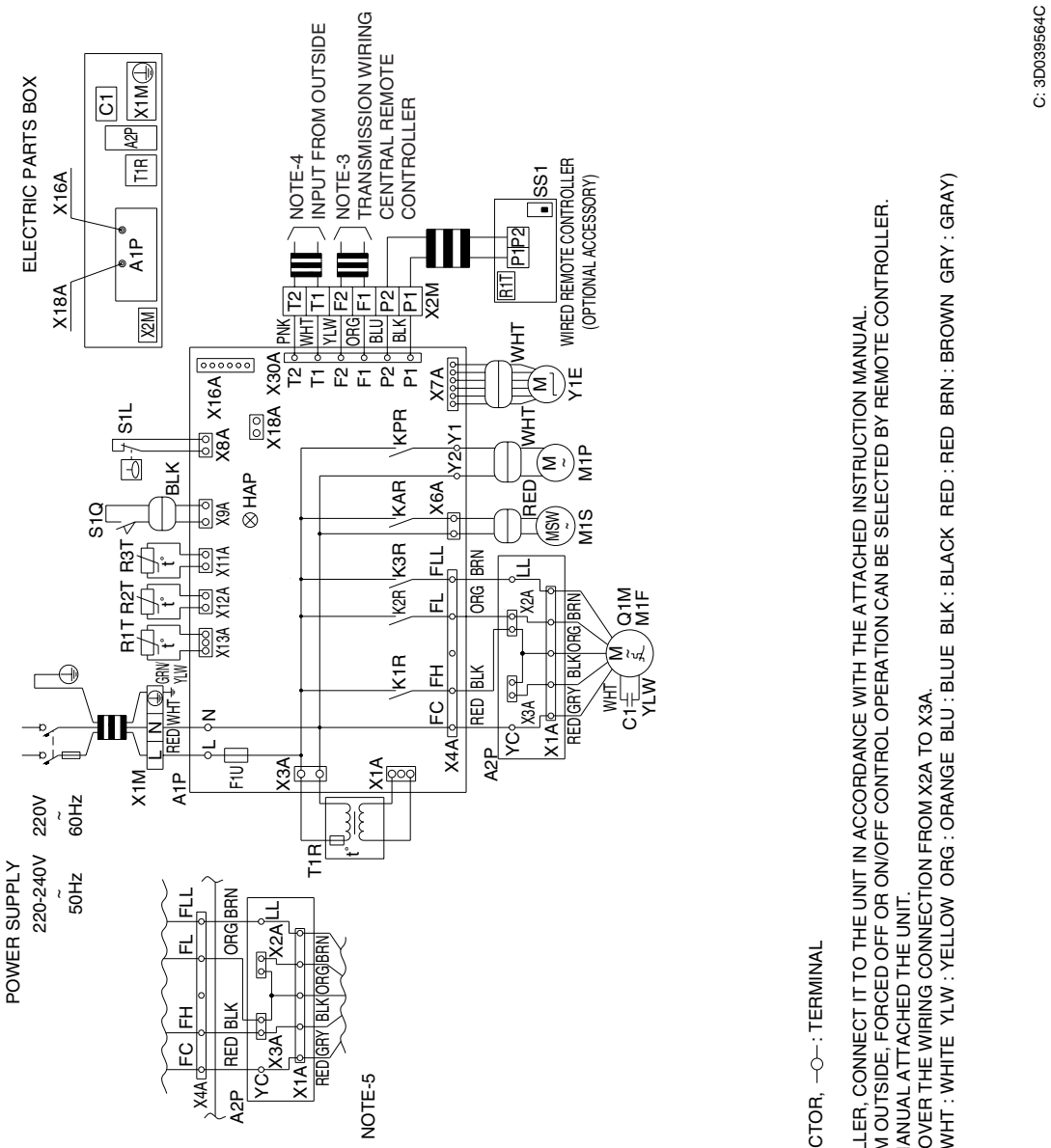
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE	ϕ12.7	ϕ6.4
FXKQ63MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE / FXKQ63MAVE



INDOOR UNIT	
A1P	PRINTED CIRCUIT BOARD
A2P	TERMINAL BOARD
C1	CAPACITOR (M1F)
F1U	FUSE (Ⓑ, 5A, 250V)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
K1R-K3R	MAGNETIC RELAY (M1F)
KAR	MAGNETIC RELAY (M1S)
KPR	MAGNETIC RELAY (M1P)
M1F	MOTOR (INDOOR FAN)
M1P	MOTOR (DRAIN PUMP)
M1S	MOTOR (SWING FLAP)
Q1M	THERMO SWITCH (M1F EMBEDDED)
R1T	THERMISTOR (AIR)
R2T · R3T	THERMISTOR (COIL)
S1L	FLOAT SWITCH
S1Q	LIMIT SWITCH (SWING FLAP)
T1R	TRANSFORMER (220-240V/22V)
X1M	TERMINAL BLOCK (POWER)
X2M	TERMINAL BLOCK (CONTROL)
Y1E	ELECTRONIC EXPANSION VALVE
	WIRED REMOTE CONTROLLER
R1T	THERMISTOR (AIR)
SS1	SELECTOR SWITCH (MAIN/SUB)
	CONNECTOR FOR OPTIONAL PARTS
X16A	CONNECTOR (ADAPTOR FOR WIRING)
X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTRICAL APPENDICES)

NOTES) 1. □□□ : TERMINAL BLOCK, ⊡⊡, ▷ : CONNECTOR, –○– : TERMINAL
2. ═══ : FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
5. IN CASE HIGH E. S. P. OPERATION, CHANGE OVER THE WIRING CONNECTION FROM X2A TO X3A.
6. SYMBOLS SHOW AS FOLLOWS. (PNK : PINK WHT : WHITE YLW : YELLOW ORG : ORANGE BLU : BLUE BLK : BLACK RED : RED BRN : BROWN GRY : GRAY)
7. UES COPPER CONDUCTORS ONLY.

C: 3D039564C

5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXKQ25MAVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.015	0.2	66	46
FXKQ32MAVE				0.3	15	0.015	0.2	66	46
FXKQ40MAVE				0.3	15	0.020	0.2	76	56
FXKQ63MAVE				0.5	15	0.045	0.4	105	85
FXKQ25MAVE	60	220	MAX. 242 Min. 198	0.4	15	0.015	0.3	69	49
FXKQ32MAVE				0.4	15	0.015	0.3	69	49
FXKQ40MAVE				0.5	15	0.020	0.4	92	72
FXKQ63MAVE				0.6	15	0.045	0.5	120	100

5

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

C: 4D037076B

6. Safety Devices Setting

Model		FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	146±3	146±3	–	–
Fan motor thermal protector	°C	–	–	OFF : 120±5 ON : 105 or less	OFF : 120±5 ON : 105 or less
Fan motor thermal fuse	°C	145	145	145	145

C: 3D034597G

7. Capacity Tables

7.1 Cooling Capacity

FXKQ-MA **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
25	10.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.7	2.5
	12.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.6	2.5
	14.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.6	2.5
	16.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.5	2.4
	18.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.5	2.4
	20.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.4	2.4
	21.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.4	2.5	3.4	2.4
	23.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.3	2.5	3.4	2.3
	25.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.3	2.5	3.3	2.3
	27.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.2	2.4	3.3	2.3
	29.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.2	2.4	3.2	2.3
	31.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.1	2.4	3.2	2.3
	33.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.1	2.4	3.1	2.3
	35.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	3.0	2.5	3.0	2.4	3.1	2.3
	37.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	2.9	2.5	3.0	2.4	3.0	2.3
	39.0	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	2.9	2.5	2.9	2.3	3.0	2.2
32	10.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.7	2.9
	12.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.7	2.9
	14.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.6	2.9
	16.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.6	2.8
	18.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.5	2.8
	20.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.4	2.8
	21.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.3	2.9	4.4	2.7
	23.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.2	2.9	4.3	2.7
	25.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.2	2.8	4.3	2.7
	27.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.1	2.8	4.2	2.7
	29.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.1	2.8	4.2	2.6
	31.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	4.0	2.7	4.1	2.6
	33.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	3.9	2.7	4.0	2.6
	35.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.8	2.9	3.9	2.7	4.0	2.6
	37.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.7	2.8	3.8	2.7	3.9	2.6
	39.0	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.7	2.8	3.8	2.7	3.8	2.6
40	10.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.9	3.5
	12.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.8	3.5
	14.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.8	3.4
	16.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.7	3.4
	18.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.6	3.3
	20.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.5	3.3
	21.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.4	3.5	5.5	3.3
	23.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.3	3.4	5.4	3.2
	25.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.2	3.4	5.3	3.2
	27.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.2	3.3	5.3	3.2
	29.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.1	3.3	5.2	3.1
	31.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	5.0	3.2	5.1	3.1
	33.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.8	3.3	4.9	3.2	5.0	3.1
	35.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.7	3.3	4.9	3.2	5.0	3.0
	37.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.7	3.3	4.8	3.1	4.9	3.0
	39.0	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.6	3.2	4.7	3.1	4.8	3.0
63	10.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.3	5.6
	12.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.2	5.5
	14.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.1	5.4
	16.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	9.0	5.3
	18.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.8	5.3
	20.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.7	5.2
	21.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.5	5.4	8.7	5.2
	23.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.4	5.3	8.5	5.1
	25.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.3	5.3	8.4	5.0
	27.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.1	5.2	8.3	5.0
	29.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	8.0	5.1	8.2	4.9
	31.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	7.9	5.1	8.1	4.9
	33.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.6	5.2	7.8	5.0	7.9	4.8
	35.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.5	5.2	7.7	5.0	7.8	4.8
	37.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.4	5.1	7.5	4.9	7.7	4.8
	39.0	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.2	5.0	7.4	4.9	7.6	4.7

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

5

7.2 Heating Capacity

FXKQ-MA **[50/60Hz] Heating capacity**

Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

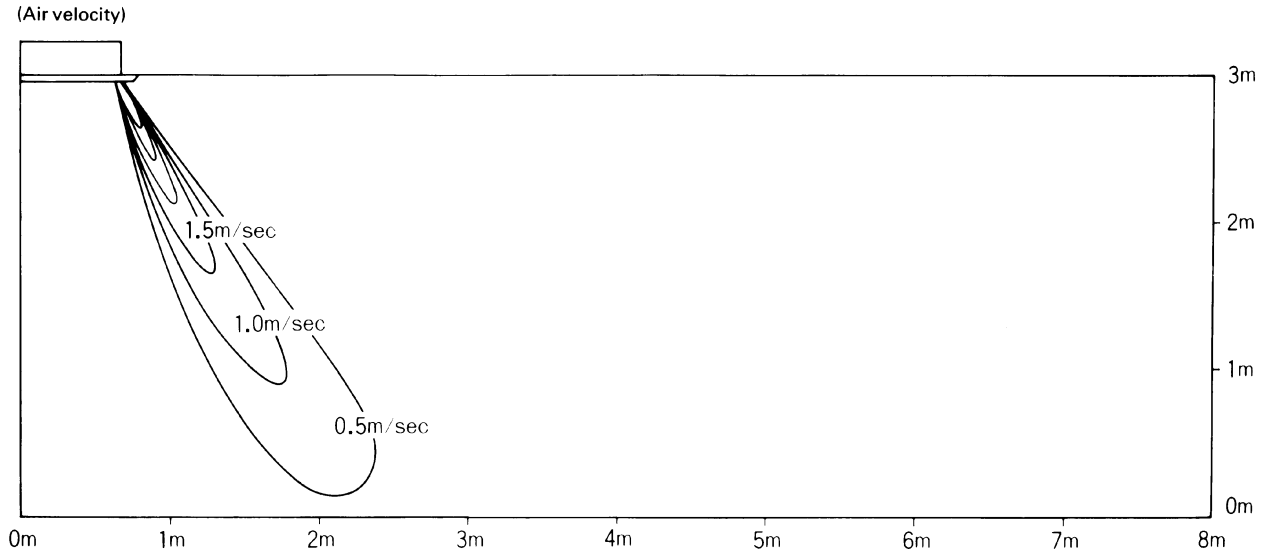
Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Air Velocity and Temperature Distributions (Reference Data)

FXKQ63MAVE

(Heating · Air velocity distribution)

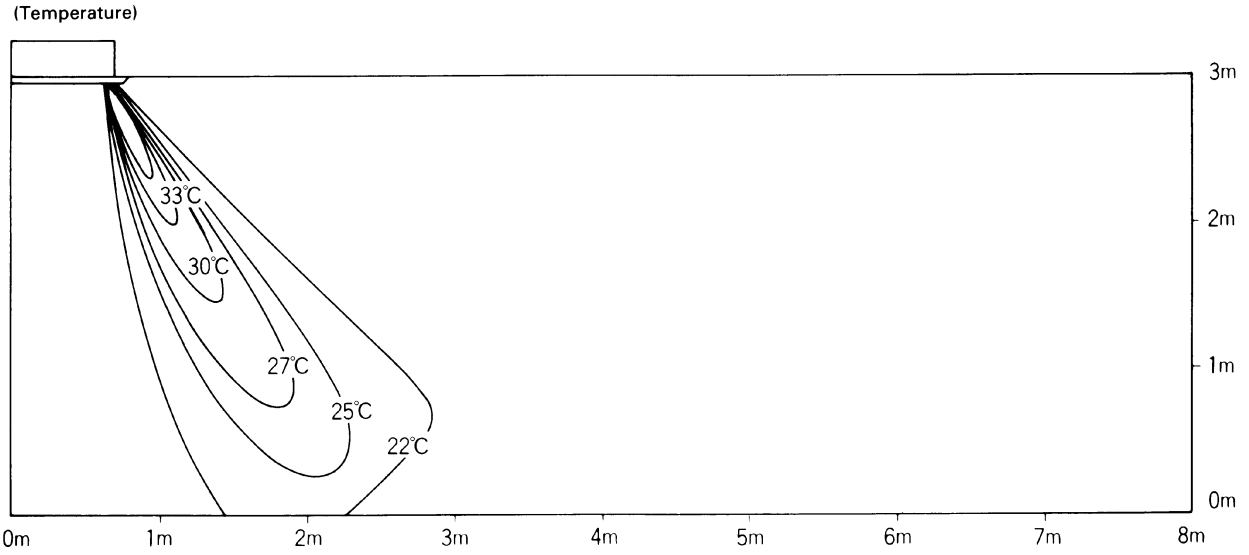
Lower airflow



FXKQ63MAVE

(Heating · Temperature distribution)

Lower airflow



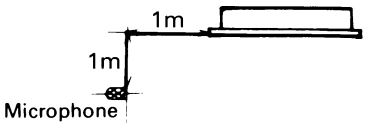
Note:

The corner type is applicable on a high ceiling. The standard setup height is 3 m. Shown here is the measurement distribution at the ceiling height of 3 m.

9. Sound Levels

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

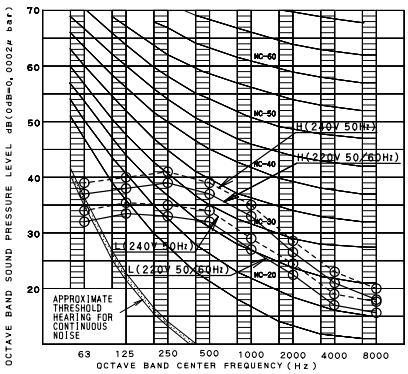
dB(A)

Model	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXKQ25MAVE FXKQ32MAVE	38	33	40	35
FXKQ40MAVE	40	34	42	36
FXKQ63MAVE	42	37	44	39

Octave Band Level

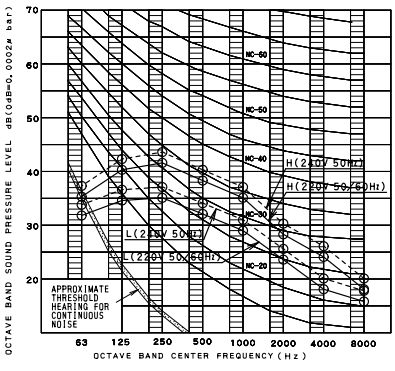
○———○ 220V, 50/60Hz
○ - - - -○ 240V, 50Hz

FXKQ25MAVE / FXKQ32MAVE



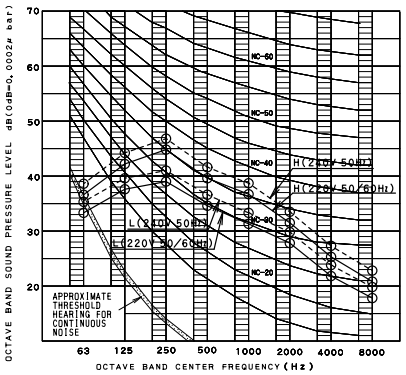
4D037071

FXKQ40MAVE



4D037072

FXKQ63MAVE

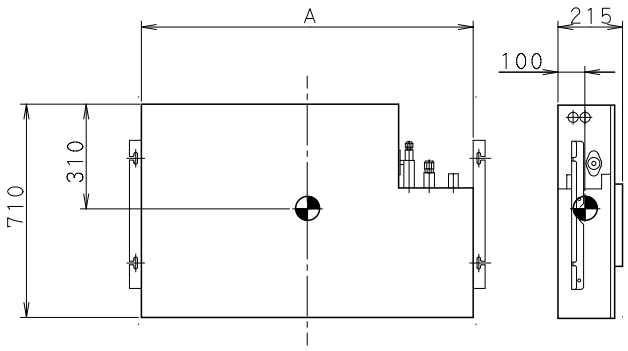


4D037073

10. Centre of Gravity

FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE / FXKQ63MAVE

Unit (mm)



MODEL	A
FXKQ25・32・40MAVE	1110
FXKQ63MAVE	1310

C: 4D037079A

5

11. Accessories

11.1 Optional Accessories (for Unit)

Model		FXKQ25MAVE FXKQ32MAVE FXKQ40MAVE	FXKQ63MAVE
Panel related	Decoration panel	BYK45FJW1	BYK71FJW1
	Long life replacement filter	KAFJ521F56	KAFJ521F80
Air inlet and air discharge outlet related	Air discharge grill	K-HV7AW	K-HV9AW
	Air discharge blind panel	KDBJ52F56W	KDBJ52F80W
	Panel spacer	KPBJ52F56W	KPBJ52F80W
	Flexible duct (with shutter)	KFDJ52FA56	KFDJ52FA80

C: 3D037081A

11.2 Optional Accessories (for Controls)

Refer to page 512.

FXDQ-PB / FXDQ-NB
Slim Ceiling Mounted Duct Type

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1. Specifications

1.1 FXDQ-PB

Slim ceiling mounted duct type (700 mm width type)

Model	with a drain pump	FXDQ20PBVE	FXDQ25PBVE	FXDQ32PBVE
	without a drain pump	FXDQ20PBVET	FXDQ25PBVET	FXDQ32PBVET
Power supply		1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)	kcal/h	2,000	2,500	3,200
	Btu/h	7,800	9,900	12,600
	kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)	kW	2.2	2.8	3.6
★3 ★4 Heating capacity	kcal/h	2,200	2,800	3,400
	Btu/h	8,500	10,900	13,600
	kW	2.5	3.2	4.0
Casing / Colour		Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)	mm	200×700×620	200×700×620	200×700×620
Coil (Cross fin coil) Rows×Stages×Fin pitch	mm	2×12×1.5	2×12×1.5	3×12×1.5
Coil (Cross fin coil) Face area	m²	0.126	0.126	0.126
Fan Model		—	—	—
Fan Type		Sirocco fan	Sirocco fan	Sirocco fan
Fan Motor output × Number of units	W	62×1	62×1	62×1
Fan Airflow rate (HH/H/L)	m³/min	8.0/7.2/6.4	8.0/7.2/6.4	8.0/7.2/6.4
Fan Airflow rate (HH/H/L)	l/s	133/120/106	133/120/106	133/120/106
Fan Airflow rate (HH/H/L)	cfm	282/254/226	282/254/226	282/254/226
Fan ★5 External static pressure	Pa	30-10	30-10	30-10
Fan Drive		Direct drive	Direct drive	Direct drive
Temperature control		Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material		Foamed polyethylene	Foamed polyethylene	Foamed polyethylene
Air filter		Removal / Washable / Mildew proof	Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
Piping connections Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
Piping connections Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
Piping connections Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass (Weight)	kg	23	23	23
★6 Sound level (HH/H/L)	dB(A)	33/31/29	33/31/29	33/31/29
Sound power (HH)	dB(A)	51	51	51
Safety devices		Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories		Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)
Drawing No.		3D060921A		

Notes:

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

★1 Indoor temp.: 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2 Indoor temp.: 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★3 Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable to set by the remote controller. This pressure means “High static pressure - Standard static pressure”. (Factory setting is 10 Pa.)
★6 The operation sound levels are the conversion values in anechoic chamber. In practice, the sound tend to be larger than the specified values due to ambient noise or reflections.
When the place of suction is changed to the bottom suction, the sound level will increase by approx. 5 dB(A).
★7 FXDQ20 / 25 / 32PBVE only.
8 Refer to page 97 for Fan Motor Input.

1.2 FXDQ-NB

Slim ceiling mounted duct type (900 / 1,100 mm width type)

Model	with a drain pump		FXDQ40NBVE	FXDQ50NBVE	FXDQ63NBVE
	without a drain pump		FXDQ40NBVET	FXDQ50NBVET	FXDQ63NBVET
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	4,000	5,000	6,300
		Btu/h	16,000	19,800	24,900
		kW	4.7	5.8	7.3
★2 ★4 Cooling capacity (19.0°CWB)		kW	4.5	5.6	7.1
★3 ★4 Heating capacity		kcal/h	4,300	5,400	6,900
		Btu/h	17,100	21,500	27,300
		kW	5.0	6.3	8.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	200×900×620	200×900×620	200×1100×620
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×12×1.5	3×12×1.5	3×12×1.5
	Face area	m²	0.176	0.176	0.227
Fan	Model		—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	62×1	130×1	130×1
	Airflow rate (HH/H/L)	m³/min	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		l/s	175/158/141	208/183/166	275/241/216
		cfm	371/335/300	441/388/353	583/512/459
	★5 External static pressure	Pa	44-15	44-15	44-15
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyethylene	Foamed polyethylene	Foamed polyethylene
Air filter			Removal / Washable / Mildew proof	Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass (Weight)		kg	27	28	31
★6 Sound level (HH/H/L)		dB(A)	34/32/30	35/33/31	36/34/32
Sound power (HH)		dB(A)	52	53	54
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)
Drawing No.			3D060921A		

Notes:

★1 Indoor temp.: 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2 Indoor temp.: 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★3 Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable to set by the remote controller. This pressure means “High static pressure - Standard static pressure”. (Factory setting is 15 Pa.)
★6 The operation sound levels are the conversion values in anechoic chamber. In practice, the sound tend to be larger than the specified values due to ambient noise or reflections.
When the place of suction is changed to the bottom suction, the sound level will increase by approx. 5 dB(A).
★7 FXDQ40 / 50 / 63NBVE only.
8 Refer to page 97 for Fan Motor Input.

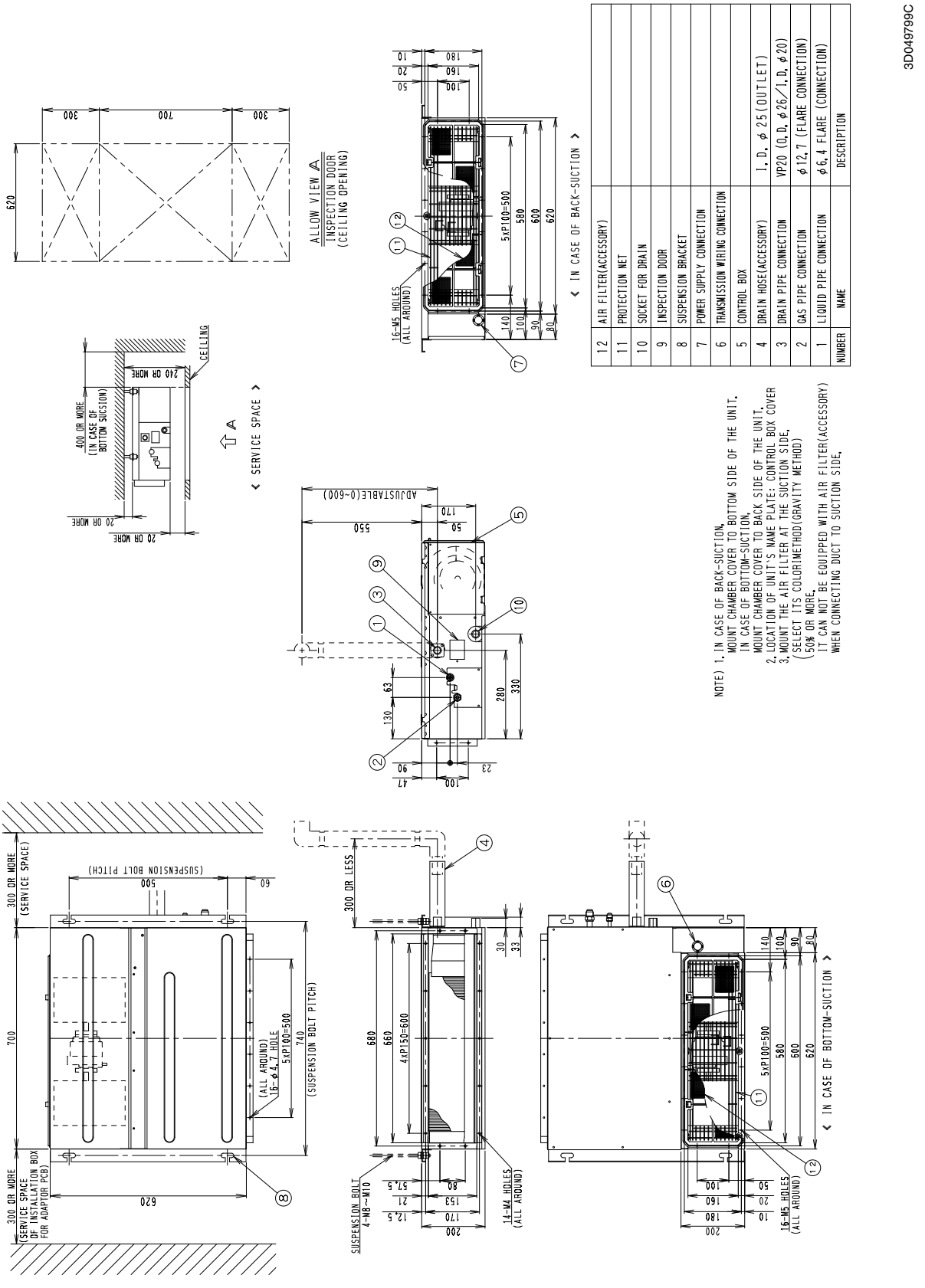
Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

2.1 FXDQ-PB

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE (with a drain pump)

Unit (mm)



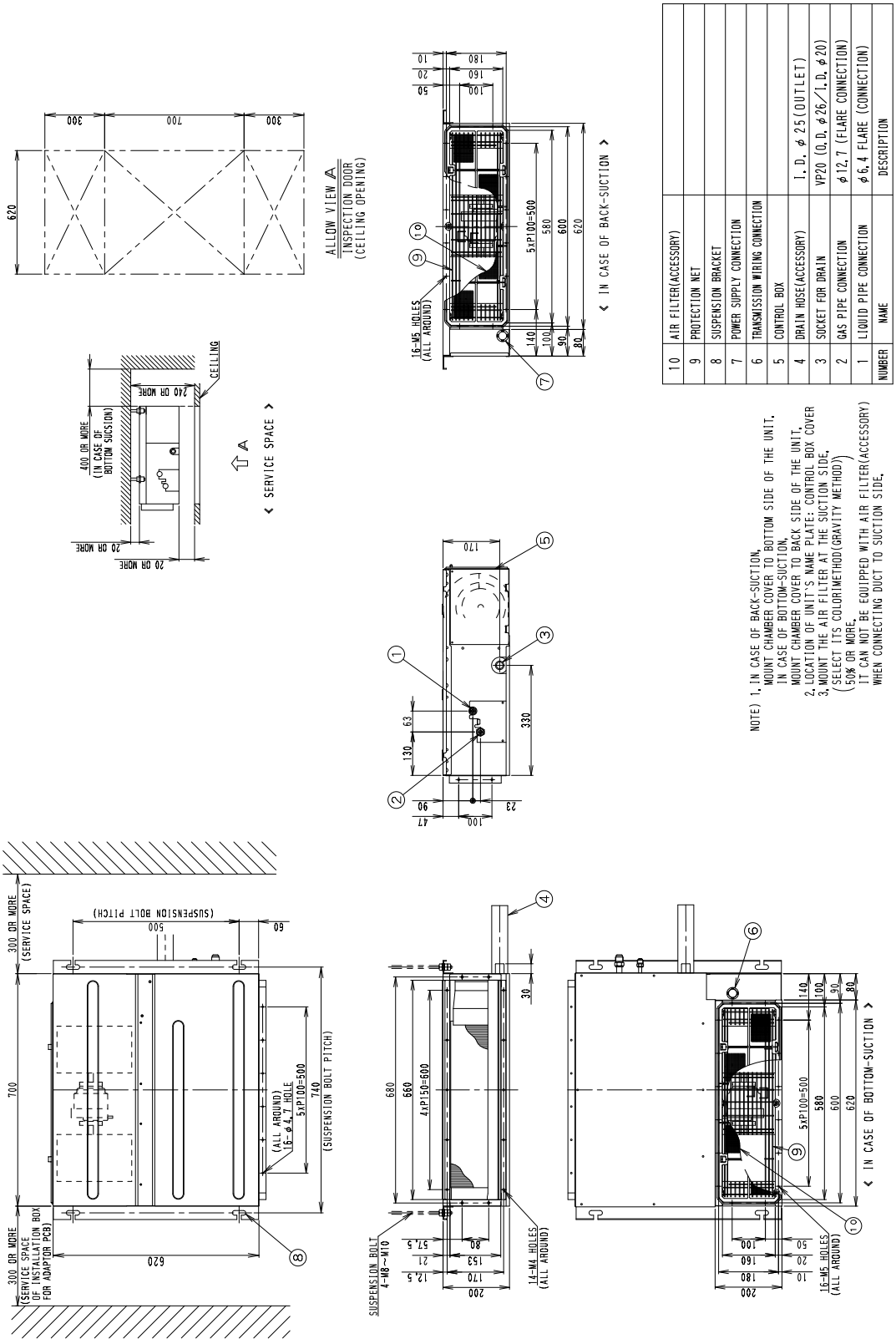
NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION	φ6.4 FLARE (CONNECTION)
2	GAS PIPE CONNECTION	φ12.7 (FLARE CONNECTION)
3	DRAIN PIPE CONNECTION	VP20 (O.D. φ26/I.D. φ20)
4	DRAIN HOSE(ACCESSORY)	I.D. φ25(OUTLET)
5	CONTROL BOX	
6	TRANSMISSION WIRING CONNECTION	
7	POWER SUPPLY CONNECTION	
8	SUSPENSION BRACKET	
9	INSPECTION DOOR	
10	SOCKET FOR DRAIN	
11	PROTECTION NET	
12	AIR FILTER(ACCESSORY)	

NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLORIMETHOD(GRAVITY METHOD)
50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET (without a drain pump)

Unit (mm)

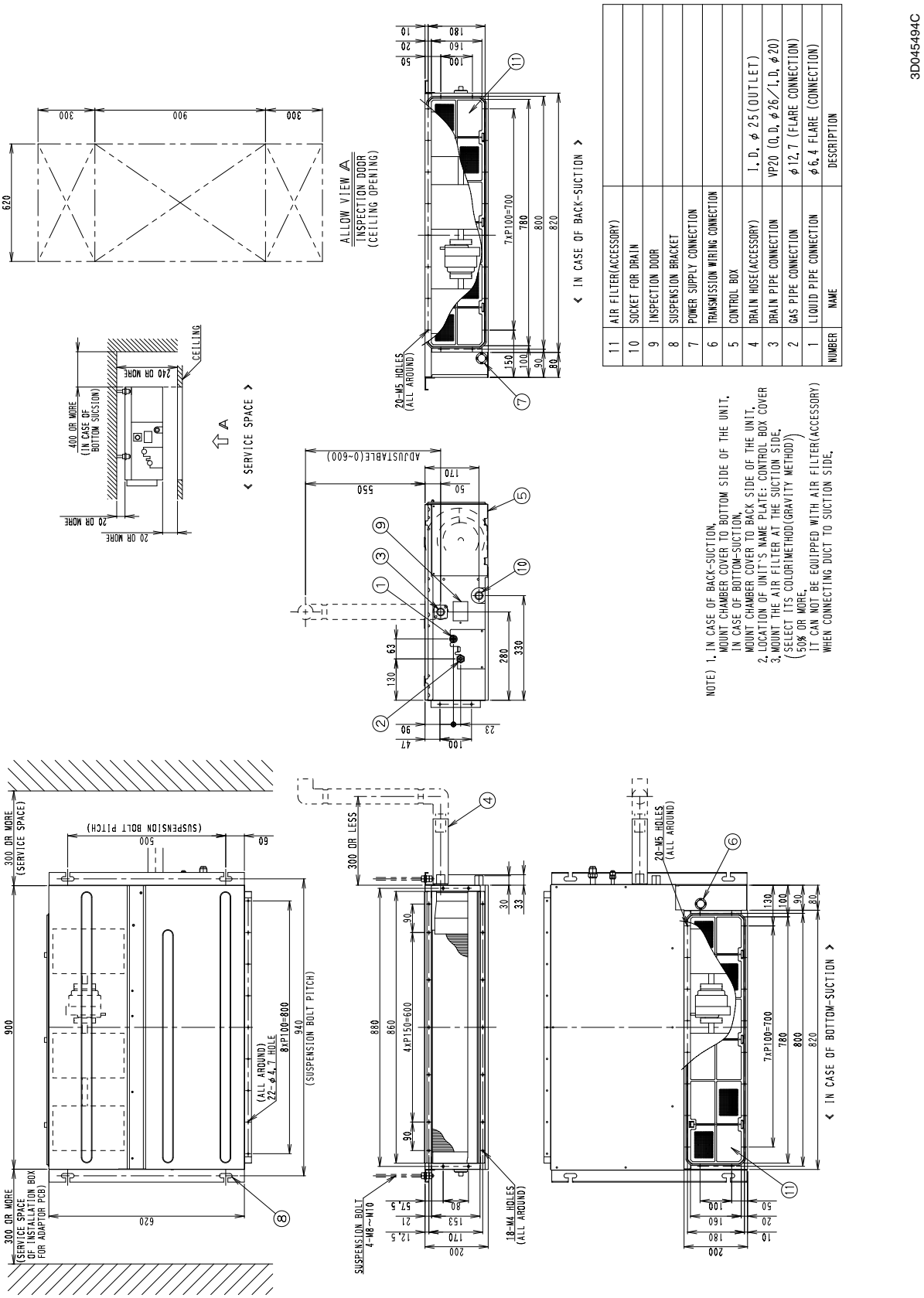
3D050732B



2.2 FXDQ-NB

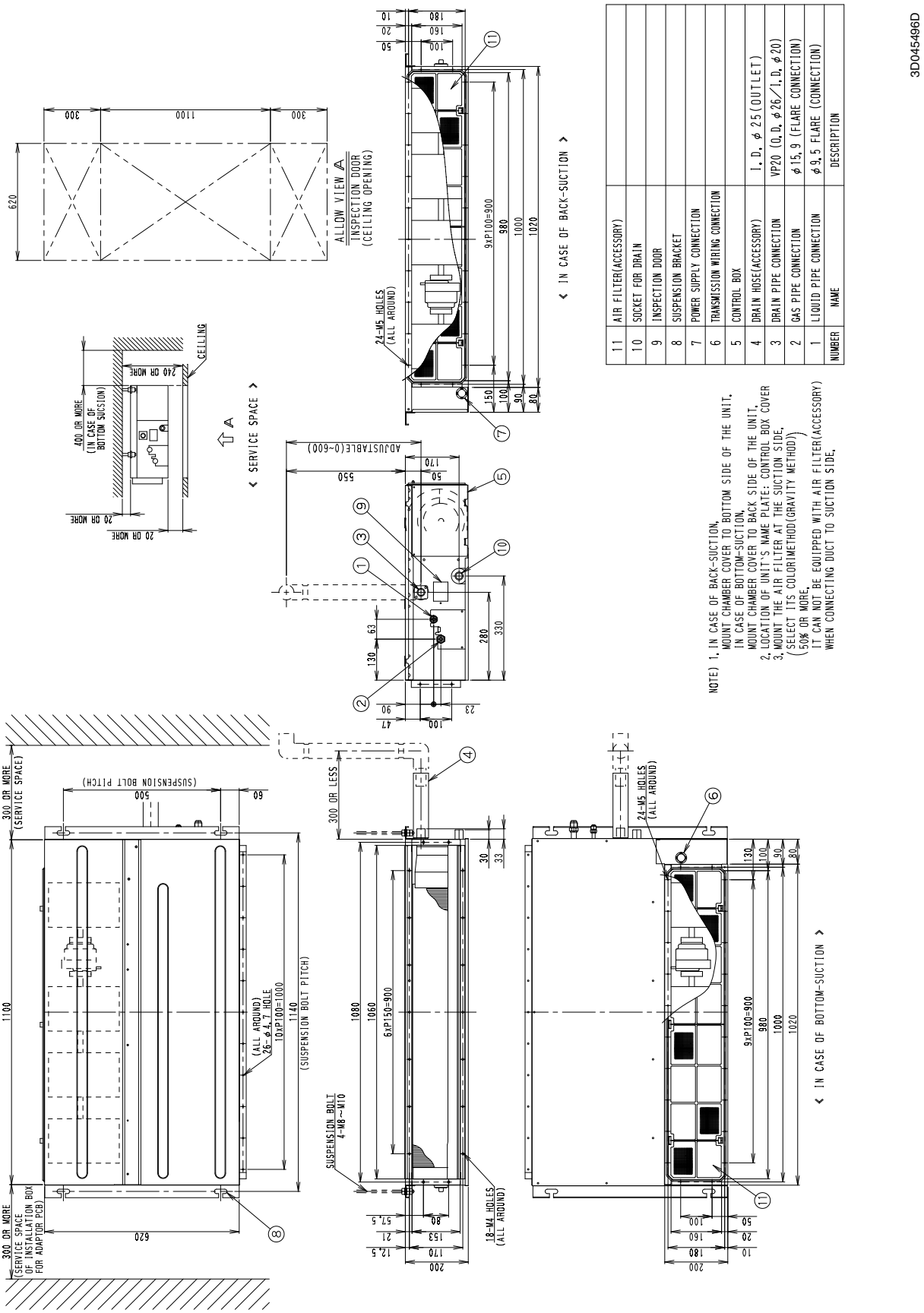
FXDQ40NBVE / FXDQ50NBVE (with a drain pump)

Unit (mm)



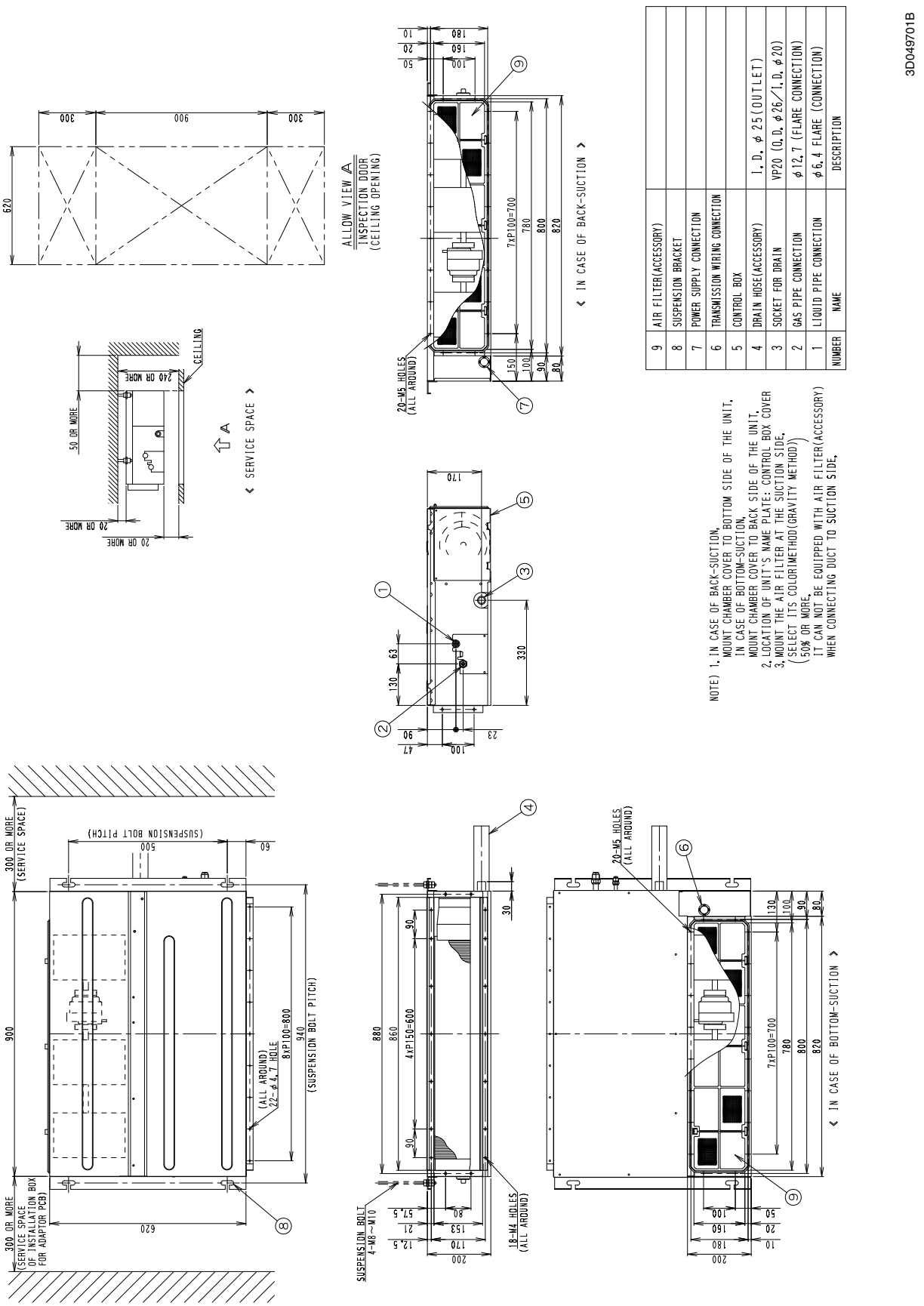
FXDQ63NBVE (with a drain pump)

Unit (mm)



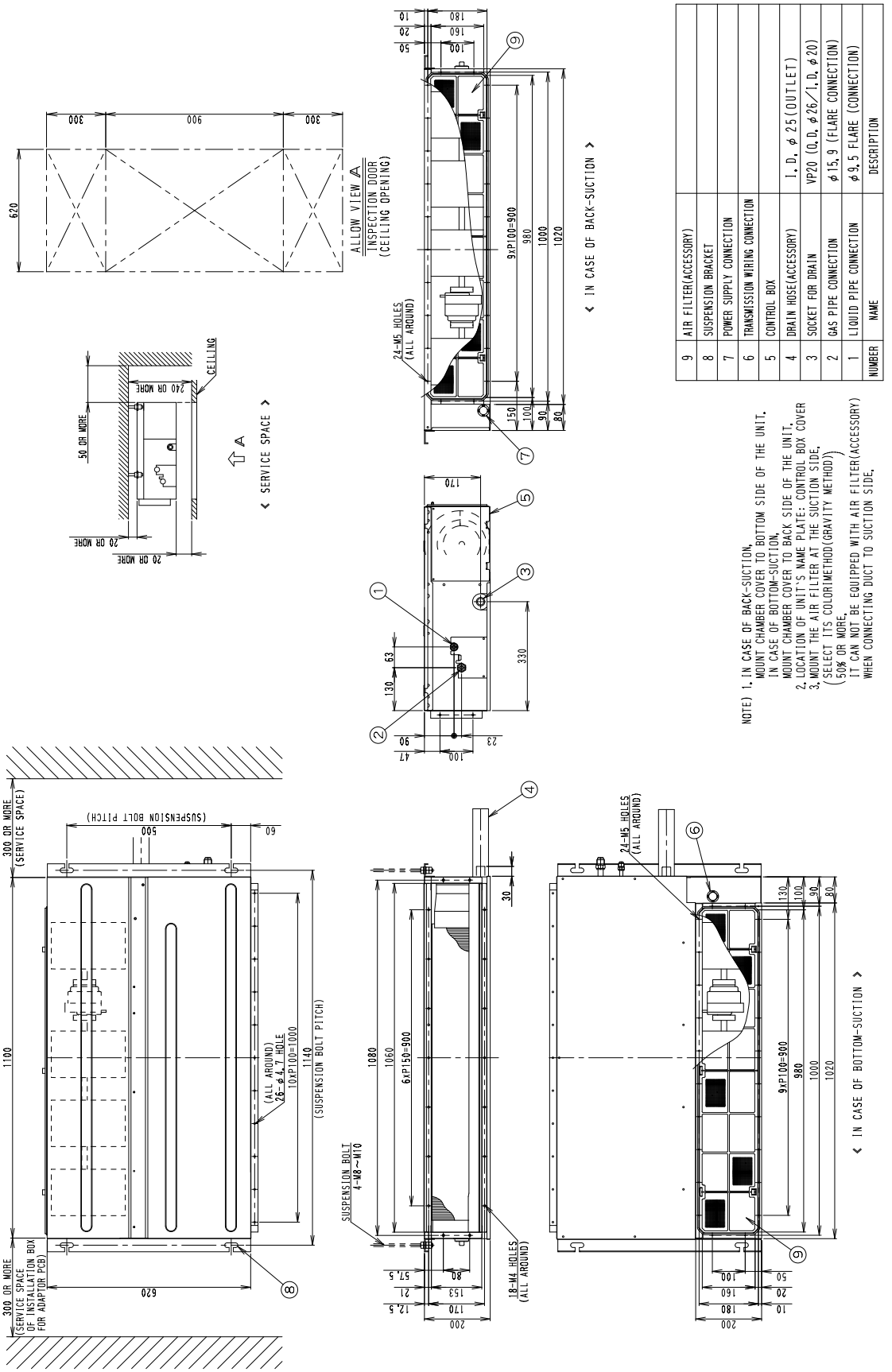
FXDQ40NBVET / FXDQ50NBVET (without a drain pump)

Unit (mm)

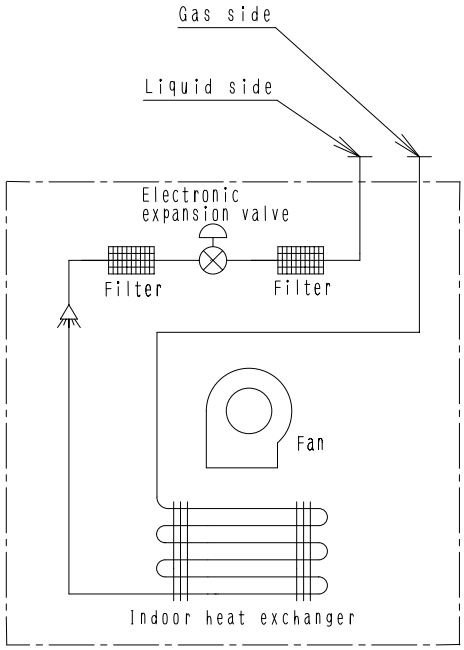


FXDQ63NBVET (without a drain pump)

Unit (mm)



3. Piping Diagrams



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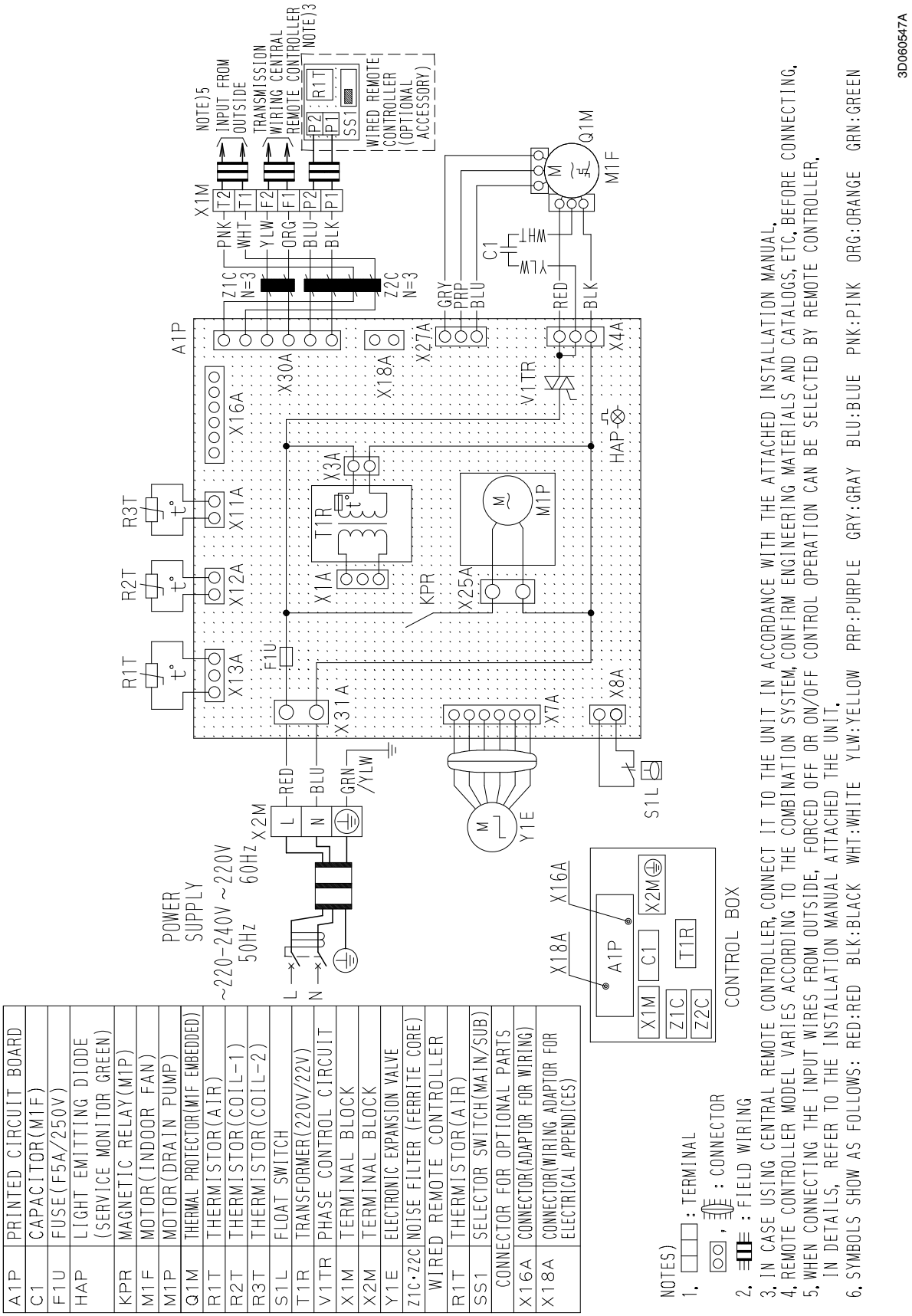
■ **Refrigerant pipe connection port diameters**

(mm)

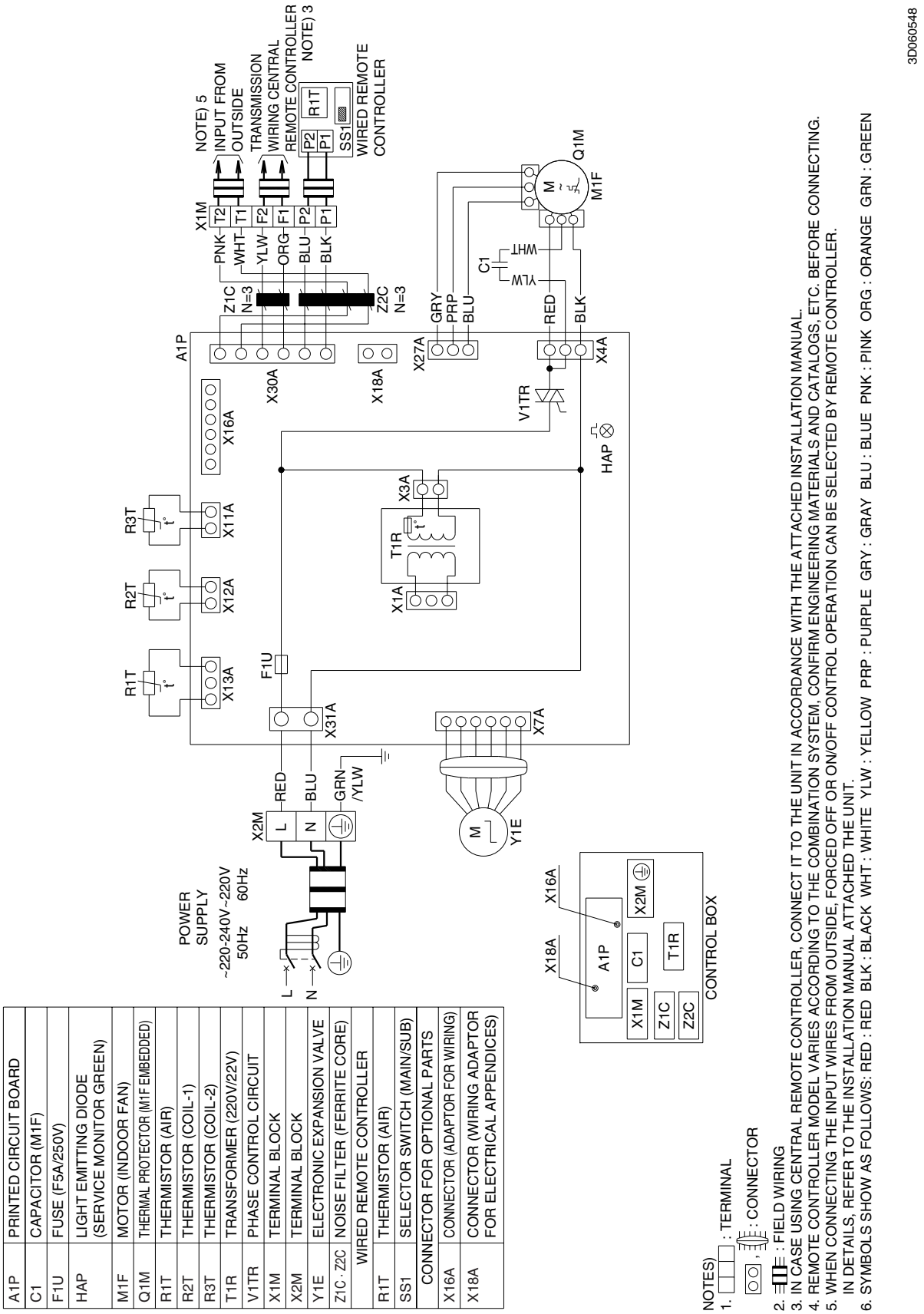
Model	Gas	Liquid
FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE / FXDQ40NBVE / FXDQ50NBVE FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET / FXDQ40NBVET / FXDQ50NBVET	ϕ12.7	ϕ6.4
FXDQ63NBVE FXDQ63NBVET	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE / FXDQ40NBVE / FXDQ50NBVE / FXDQ63NBVE
(with a drain pump)



FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET / FXDQ40NBVET / FXDQ50NBVET / FXDQ63NBVET (without a drain pump)



5. Electric Characteristics

Model	Power supply					IFM		Input(W)	
	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXDQ20PBVE	50	220-240V	Max. 264V Min. 198V	0.8	15	0.062	0.6	86	67
FXDQ25PBVE				0.8	15	0.062	0.6	86	67
FXDQ32PBVE				0.8	15	0.062	0.6	89	70
FXDQ40NBVE				1.0	15	0.062	0.8	160	147
FXDQ50NBVE				1.0	15	0.13	0.8	165	152
FXDQ63NBVE				1.1	15	0.13	0.9	181	168
FXDQ20PBVET				0.7	15	0.062	0.6	67	67
FXDQ25PBVET				0.7	15	0.062	0.6	67	67
FXDQ32PBVET				0.7	15	0.062	0.6	70	70
FXDQ40NBVET				1.0	15	0.062	0.8	147	147
FXDQ50NBVET				1.0	15	0.13	0.8	152	152
FXDQ63NBVET				1.1	15	0.13	0.9	168	168
FXDQ20PBVE	60	220V	Max. 242V Min. 198V	0.9	15	0.062	0.7	92	73
FXDQ25PBVE				0.9	15	0.062	0.7	92	73
FXDQ32PBVE				0.9	15	0.062	0.7	95	76
FXDQ40NBVE				1.1	15	0.062	0.9	182	168
FXDQ50NBVE				1.3	15	0.13	1.0	185	170
FXDQ63NBVE				1.4	15	0.13	1.1	192	179
FXDQ20PBVET				0.8	15	0.062	0.7	73	73
FXDQ25PBVET				0.8	15	0.062	0.7	73	73
FXDQ32PBVET				0.8	15	0.062	0.7	76	76
FXDQ40NBVET				1.1	15	0.062	0.9	168	168
FXDQ50NBVET				1.3	15	0.13	1.0	170	170
FXDQ63NBVET				1.4	15	0.13	1.1	179	179

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.

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6. Safety Devices Setting

Model		FXDQ20PBVE FXDQ20PBVET	FXDQ25PBVE FXDQ25PBVET	FXDQ32PBVE FXDQ32PBVET	FXDQ40NBVE FXDQ40NBVET	FXDQ50NBVE FXDQ50NBVET	FXDQ63NBVE FXDQ63NBVET
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	OFF : 130±5 ON : 83±15	OFF : 130±5 ON : 83±15	OFF : 130±5 ON : 83±15	OFF : 130±5 ON : 83±15	OFF : 130±5 ON : 83±15	OFF : 130±5 ON : 83±15

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7. Capacity Tables

7.1 Cooling Capacity

FXDQ-PB **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	10.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.9	2.0
	12.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.9	2.0
	14.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.8	1.9
	16.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.8	1.9
	18.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.7	1.9
	20.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.7	1.9
	21.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.7	1.9
	23.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.6	1.9
	25.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.6	1.8	2.6	1.9
	27.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.5	1.8	2.6	1.9
	29.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.5	1.8	2.5	1.8
	31.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.4	1.7	2.5	1.8
	33.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.4	1.7	2.5	1.8
	35.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.4	1.7	2.4	1.8
	37.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.3	1.9	2.3	1.7	2.4	1.8
	39.0	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.2	1.9	2.3	1.6	2.3	1.8
25	10.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.7	2.3
	12.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.2
	14.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.2
	16.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
	18.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
	20.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.2
	21.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.2
	23.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.3	2.2	3.4	2.1
	25.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.3	2.2	3.3	2.1
	27.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.2	2.2	3.3	2.1
	29.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.2	2.1	3.2	2.1
	31.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.1	2.1	3.2	2.1
	33.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.1	2.1	3.1	2.1
	35.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.0	2.1	3.1	2.0
	37.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	2.9	2.2	3.0	2.0	3.0	2.0
	39.0	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	2.9	2.1	2.9	2.0	3.0	2.0
32	10.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.7	2.9
	12.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.7	2.9
	14.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.6	2.8
	16.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.6	2.8
	18.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.5	2.8
	20.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.4	2.8
	21.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.3	2.8	4.4	2.7
	23.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.2	2.8	4.3	2.7
	25.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.2	2.7	4.3	2.7
	27.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.1	2.7	4.2	2.7
	29.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.1	2.7	4.2	2.6
	31.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	4.0	2.6	4.1	2.6
	33.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	3.9	2.6	4.0	2.6
	35.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.8	2.7	3.9	2.6	4.0	2.5
	37.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.7	2.6	3.8	2.6	3.9	2.5
	39.0	2.4	2.0	2.9	2.3	3.4	2.4	3.6	2.6	3.7	2.6	3.8	2.5	3.8	2.5

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

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FXDQ-NB [50/60Hz] Cooling capacity

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
40	10.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.9	3.5
	12.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.8	3.5
	14.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.8	3.5
	16.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.7	3.5
	18.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.6	3.4
	20.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.5	3.4
	21.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.4	3.3	5.5	3.4
	23.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.3	3.3	5.4	3.3
	25.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.2	3.3	5.3	3.3
	27.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.2	3.2	5.3	3.3
	29.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.1	3.2	5.2	3.3
	31.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	5.0	3.2	5.1	3.2
	33.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.8	3.2	4.9	3.2	5.0	3.2
	35.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.7	3.2	4.9	3.1	5.0	3.2
	37.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.7	3.2	4.8	3.1	4.9	3.1
	39.0	3.0	2.5	3.6	2.8	4.2	3.3	4.5	3.3	4.6	3.2	4.7	3.1	4.8	3.1
50	10.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	7.4	4.1
	12.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	7.3	4.1
	14.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	7.2	4.1
	16.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	7.1	4.0
	18.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	7.0	4.0
	20.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	6.9	4.0
	21.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.7	4.2	6.8	4.0
	23.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.6	4.2	6.7	3.9
	25.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.5	4.1	6.6	3.9
	27.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.4	4.1	6.6	3.9
	29.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.3	4.0	6.5	3.8
	31.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.2	4.0	6.4	3.8
	33.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	6.0	4.0	6.1	4.0	6.3	3.8
	35.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.9	4.0	6.0	3.9	6.2	3.7
	37.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.8	4.0	5.9	3.9	6.1	3.7
	39.0	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.7	3.9	5.8	3.9	6.0	3.7
63	10.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	9.3	5.7
	12.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	9.2	5.6
	14.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	9.1	5.5
	16.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	9.0	5.4
	18.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	8.8	5.4
	20.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	8.7	5.3
	21.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.5	5.1	8.7	5.3
	23.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.4	5.1	8.5	5.2
	25.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.3	5.0	8.4	5.1
	27.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.1	5.0	8.3	5.1
	29.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	8.0	4.9	8.2	5.0
	31.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	7.9	4.9	8.1	4.9
	33.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.6	4.9	7.8	4.8	7.9	4.9
	35.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.5	4.8	7.7	4.8	7.8	4.8
	37.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.4	4.8	7.5	4.7	7.7	4.8
	39.0	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.2	4.7	7.4	4.7	7.6	4.7

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXDQ-PB **[50/60Hz] Heating capacity**

Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

6

FXDQ-NB [50/60Hz] Heating capacity

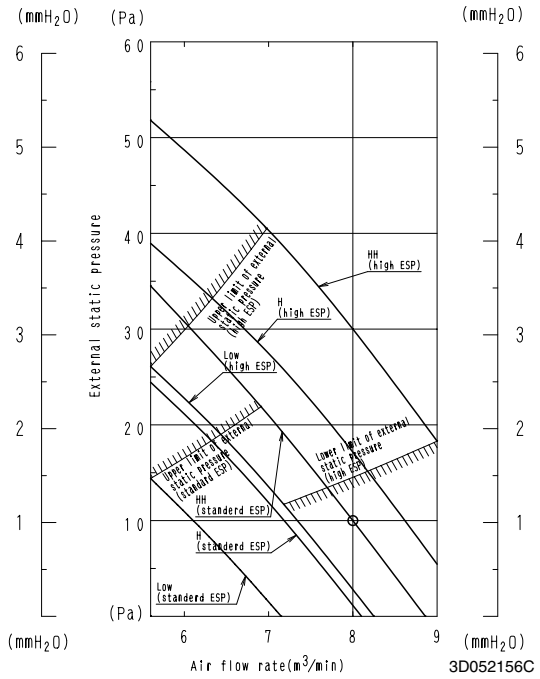
Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

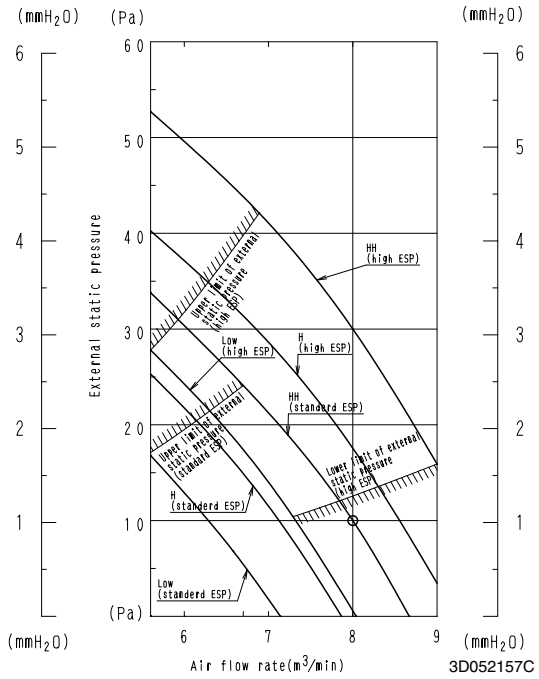
8. Fan Performances

8.1 FXDQ-PB

FXDQ20PBVE / FXDQ25PBVE
FXDQ20PBVET / FXDQ25PBVET



FXDQ32PBVE
FXDQ32PBVET

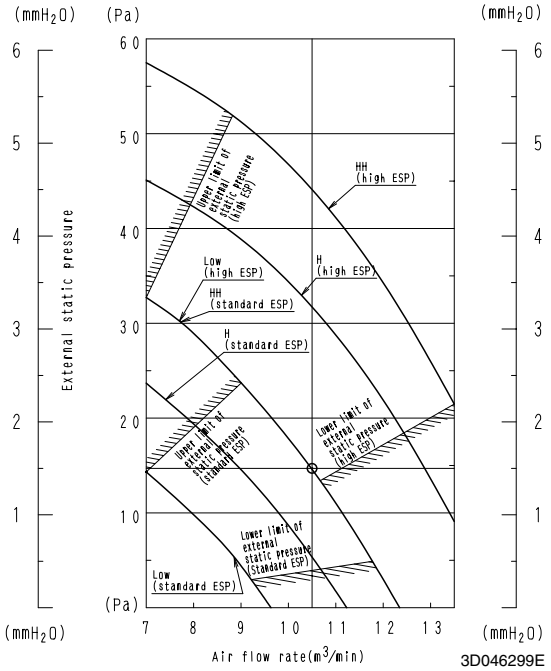


Notes:

1. The remote controller can be used to switch between “HH”, “H” and “L”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

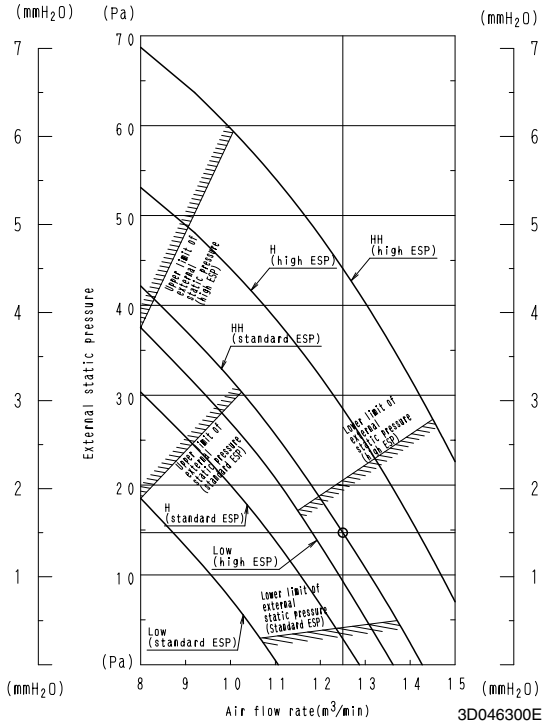
8.2 FXDQ-NB

FXDQ40NBVE
FXDQ40NBVET



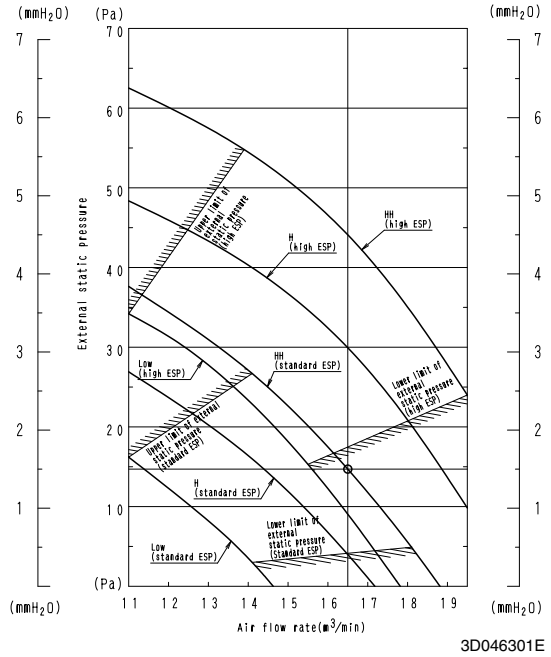
3D046299E

FXDQ50NBVE
FXDQ50NBVET



3D046300E

FXDQ63NBVE
FXDQ63NBVET



3D046301E

Notes:

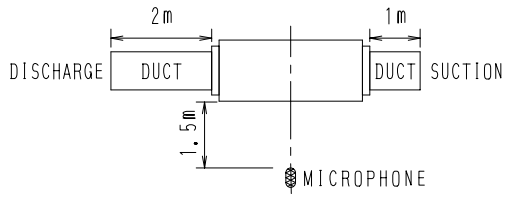
1. The remote controller can be used to switch between “HH”, “H” and “L”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

9. Sound Levels

9.1 FXDQ-PB

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

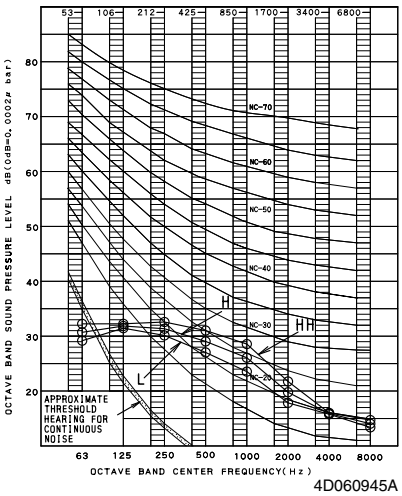
dB(A)

Model	220-240/220V, 50/60Hz		
	HH	H	L
FXDQ20PBVE FXDQ20PBVET	33	31	29
FXDQ25PBVE FXDQ25PBVET	33	31	29
FXDQ32PBVE FXDQ32PBVET	33	31	29

Octave Band Level

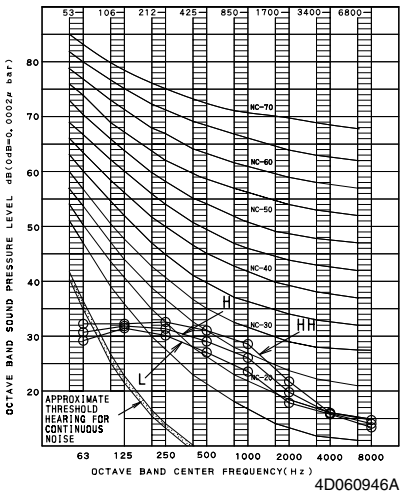
○——○ 220-240/220V, 50/60Hz

FXDQ20PBVE
FXDQ20PBVET



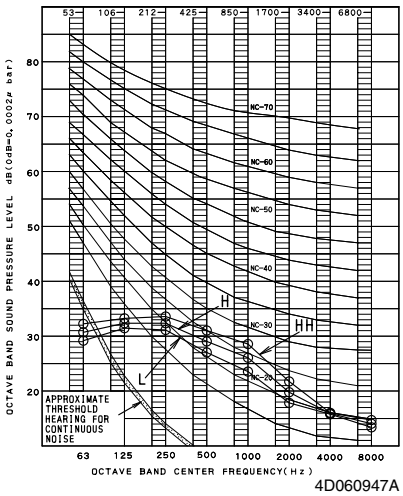
4D060945A

FXDQ25PBVE
FXDQ25PBVET



4D060946A

FXDQ32PBVE
FXDQ32PBVET

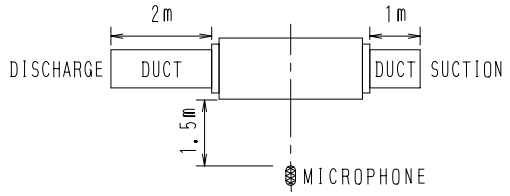


4D060947A

9.2 FXDQ-NB

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

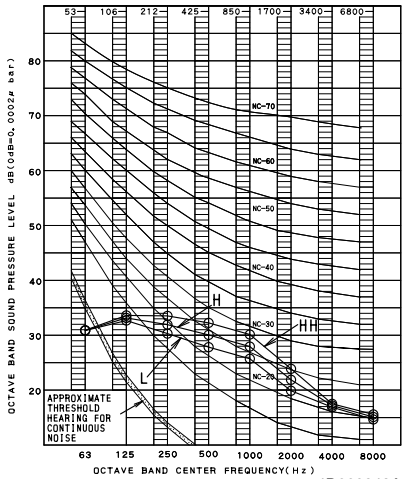
dB(A)

Model	220-240/220V, 50/60Hz		
	HH	H	L
FXDQ40NBVE FXDQ40NBVET	34	32	30
FXDQ50NBVE FXDQ50NBVET	35	33	31
FXDQ63NBVE FXDQ63NBVET	36	34	32

Octave Band Level

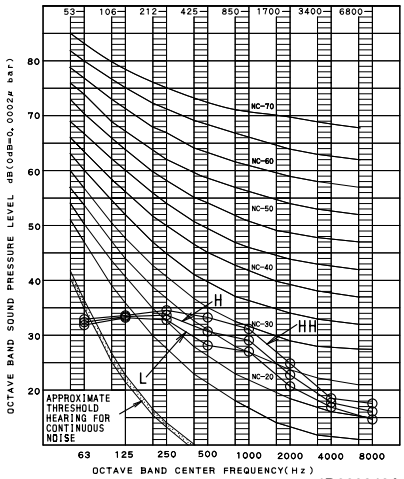
○——○ 220-240/220V, 50/60Hz

FXDQ40NBVE
FXDQ40NBVET



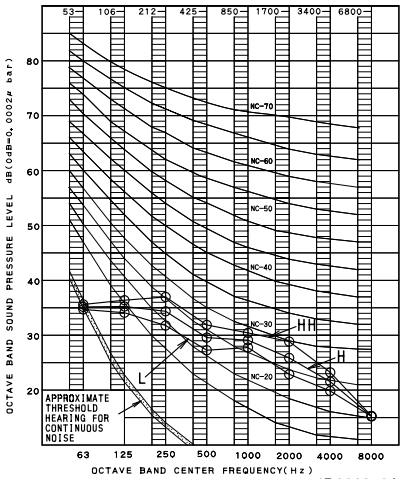
4D060948A

FXDQ50NBVE
FXDQ50NBVET



4D060949A

FXDQ63NBVE
FXDQ63NBVET



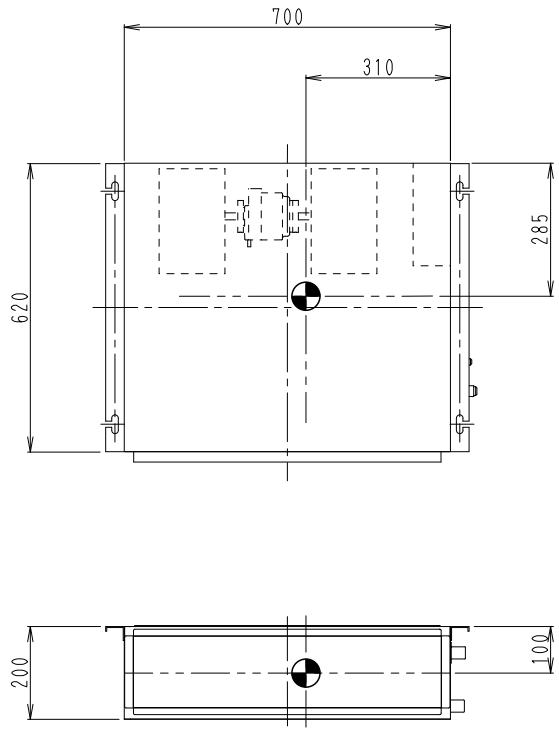
4D060950A

10. Centre of Gravity

10.1 FXDQ-PB

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE
FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET

Unit (mm)



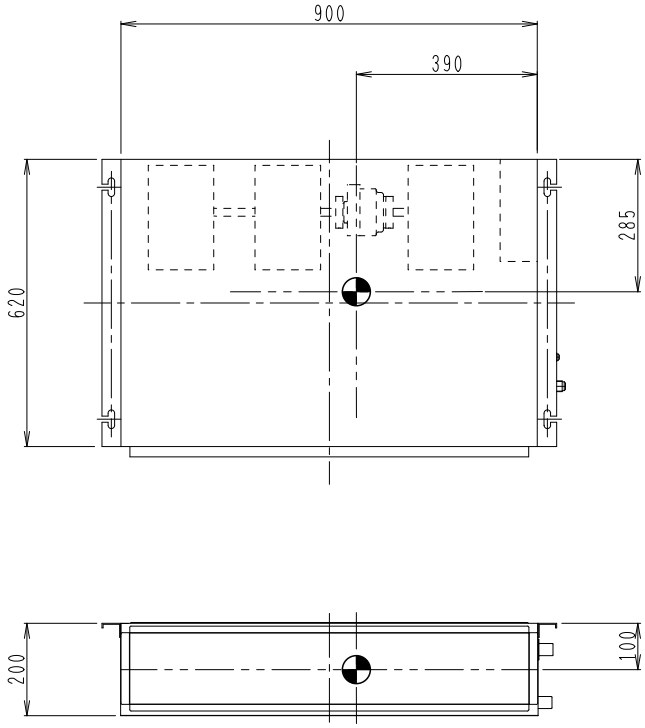
4D049300K

6

10.2 FXDQ-NB

FXDQ40NBVE / FXDQ50NBVE
FXDQ40NBVET / FXDQ50NBVET

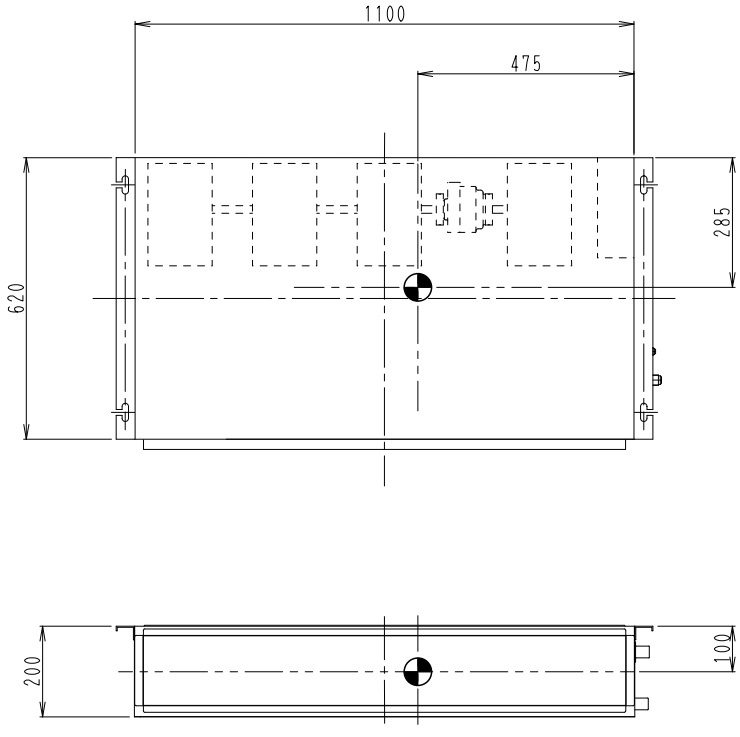
Unit (mm)



4D043886P

FXDQ63NBVE
FXDQ63NBVET

Unit (mm)



4D043887N

11. Accessories

11.1 Optional Accessories (for Unit)

Model	FXDQ20PBVE FXDQ25PBVE FXDQ32PBVE	FXDQ20PBVET FXDQ25PBVET FXDQ32PBVET	FXDQ40NBVE FXDQ50NBVE	FXDQ40NBVET FXDQ50NBVET	FXDQ63NBVE	FXDQ63NBVET
Insulation kit for high humidity	KDT25N32		KDT25N50		KDT25N63	

C: 4D060939B

11.2 Optional Accessories (for Controls)

Refer to page 512.

6

FXMQ-P
Ceiling Mounted Duct Type (Middle and High Static Pressure)

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1. Specifications

Ceiling mounted duct type

Model			FXMQ20PVE	FXMQ25PVE	FXMQ32PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200
		Btu/h	7,800	9,900	12,600
		kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400
		Btu/h	8,500	10,900	13,600
		kW	2.5	3.2	4.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	300×550×700	300×550×700	300×550×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×16×1.75	3×16×1.75	3×16×1.75
	Face area	m²	0.098	0.098	0.098
Fan	Model		—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	90×1	90×1	90×1
	Airflow rate (HH/H/L)	m³/min	9/7.5/6.5	9/7.5/6.5	9.5/8/7
		l/s	150/125/108	150/125/108	158/133/116
		cfm	318/265/230	318/265/230	335/282/247
	External static pressure	Pa	Standard 50 (100-30 ★5)	Standard 50 (100-30 ★5)	Standard 50 (100-30 ★5)
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			★6	★6	★6
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	25	25	25
★7 Sound level (HH/H/L)		dB(A)	33/31/29	33/31/29	34/32/30
Sound power (H)		dB(A)	51	51	52
Safety devices			Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.			C: 3D060388E		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable in 7 (FXMQ20PVE / FXMQ25PVE / FXMQ32PVE), 13 (FXMQ40PVE), 14 (FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE) ,10 (FXMQ140PVE) stages within the ( ) range by remote controller.
★6 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★7 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
8 Refer to page 122 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted duct type

Model			FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	4,000	5,000	6,300	8,000
		Btu/h	16,000	19,800	24,900	31,700
		kW	4.7	5.8	7.3	9.3
★2 ★4 Cooling capacity (19.0°CWB)		kW	4.5	5.6	7.1	9.0
★3 ★4 Heating capacity		kcal/h	4,300	5,400	6,900	8,600
		Btu/h	17,100	21,500	27,300	34,100
		kW	5.0	6.3	8.0	10.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	300×700×700	300×1,000×700	300×1,000×700	300×1,000×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×16×1.75	3×16×1.75	3×16×1.75	3×16×1.75
	Face area	m²	0.148	0.249	0.249	0.249
Fan	Model		—	—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	140×1	350×1	350×1	350×1
	Airflow rate (HH/H/L)	m³/min	16/13/11	18/16.5/15	19.5/17.5/16	25/22.5/20
		l/s	267/216/183	300/275/250	325/292/267	417/375/333
		cfm	565/459/388	635/582/530	688/618/565	883/794/706
	External static pressure	Pa	Standard 100 (160-30 ★5)	Standard 100 (200-50 ★5)	Standard 100 (200-50 ★5)	Standard 100 (200-50 ★5)
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			★6	★6	★6	★6
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass (Weight)		kg	28	36	36	36
★7 Sound level (HH/H/L)		dB(A)	39/37/35	41/39/37	42/40/38	43/41/39
Sound power (H)		dB(A)	57	59	60	61
Safety devices			Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.			C: 3D060388E			

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable in 7 (FXMQ20PVE / FXMQ25PVE / FXMQ32PVE), 13 (FXMQ40PVE), 14 (FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE) ,10 (FXMQ140PVE) stages within the ( ) range by remote controller.
★6 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★7 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
8 Refer to page 122 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

7

Ceiling mounted duct type

Model			FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	10,000	12,500	14,300
		Btu/h	39,600	49,500	57,000
		kW	11.6	14.5	16.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	11.2	14.0	16.0
★3 ★4 Heating capacity		kcal/h	10,800	13,800	15,500
		Btu/h	42,700	54,600	61,400
		kW	12.5	16.0	18.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	300×1,400×700	300×1,400×700	300×1,400×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×16×1.75	3×16×1.75	3×16×1.5
	Face area	m²	0.383	0.383	0.383
Fan	Model		—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	350×1	350×1	350×1
	Airflow rate (HH/H/L)	m³/min	32/27/23	39/33/28	46/39/32
		l/s	533/450/383	650/550/466	767/650/533
		cfm	1,130/953/812	1,377/1,165/988	1,624/1,377/1,130
	External static pressure	Pa	Standard 100 (200-50 ★5)	Standard 100 (200-50 ★5)	Standard 100 (140-50 ★5)
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			★6	★6	★6
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 / Internal dia. 25)	VP25 (External dia. 32 / Internal dia. 25)	VP25 (External dia. 32 / Internal dia. 25)
Mass (Weight)		kg	46	46	47
★7 Sound level (HH/H/L)		dB(A)	43/41/39	44/42/40	46/45/43
Sound power (H)		dB(A)	61	62	64
Safety devices			Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.			C: 3D060388E		

Note:

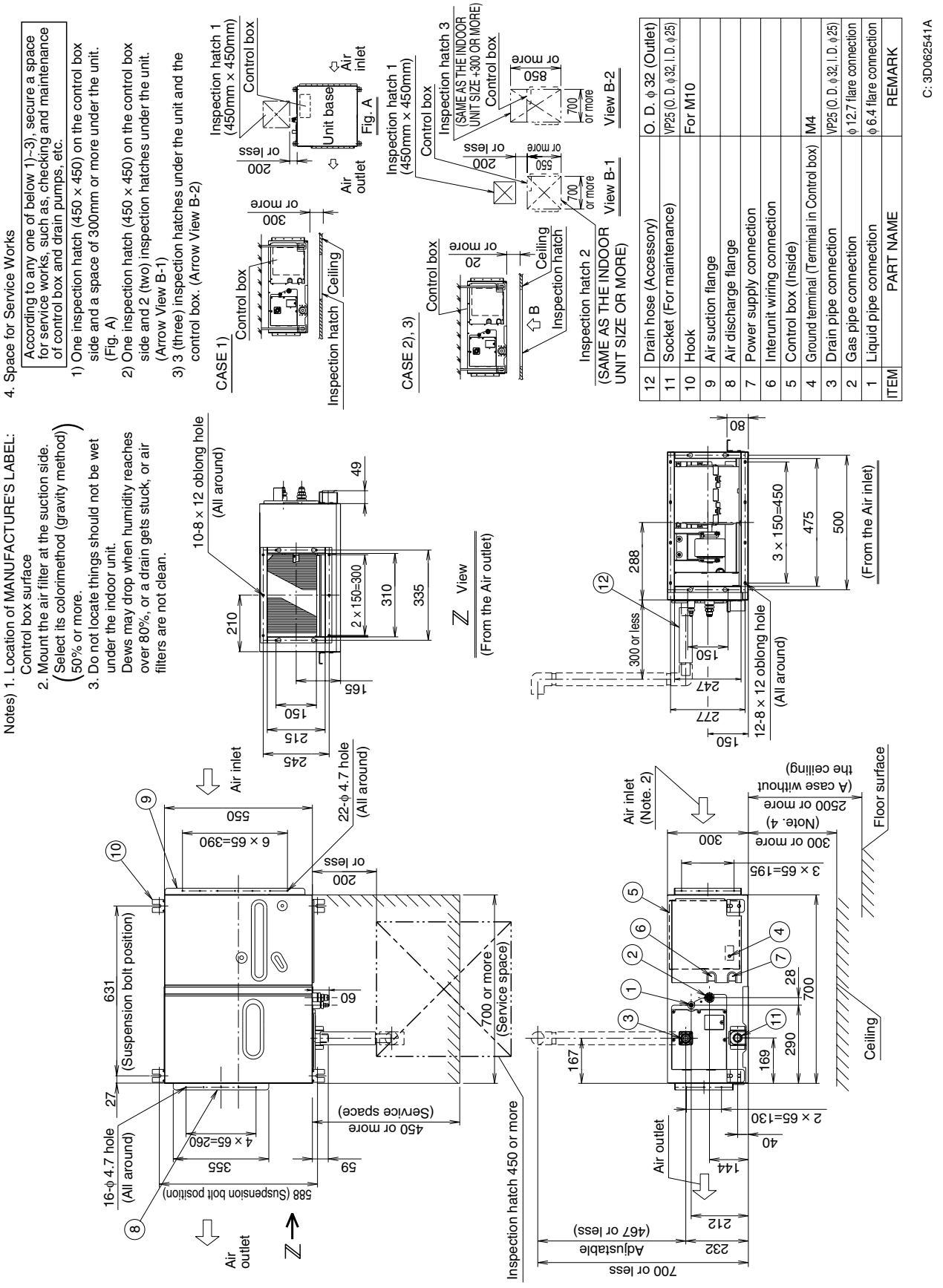
★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable in 7 (FXMQ20PVE / FXMQ25PVE / FXMQ32PVE), 13 (FXMQ40PVE), 14 (FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE) ,10 (FXMQ140PVE) stages within the ( ) range by remote controller.
★6 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★7 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
8 Refer to page 122 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE

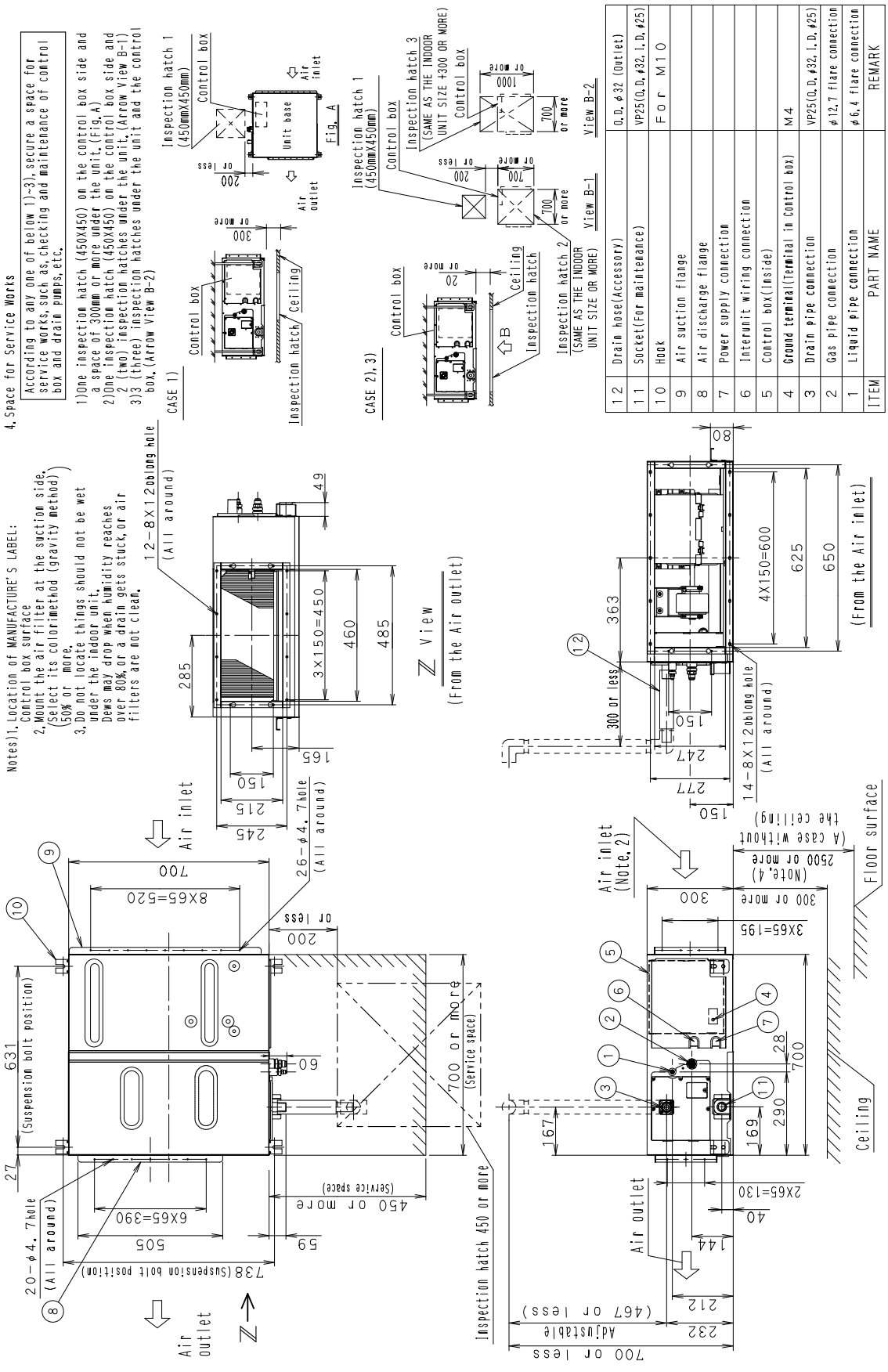
Unit (mm)



ITEM	PART NAME	REMARK
12	Drain hose (Accessory)	O. D. φ 32 (Outlet)
11	Socket (For maintenance)	VP25 (O. D. φ 32, I. D. φ 25)
10	Hook	For M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Control box (Inside)	
4	Ground terminal (Terminal in Control box)	M4
3	Drain pipe connection	VP25 (O. D. φ 32, I. D. φ 25)
2	Gas pipe connection	φ 12.7 flare connection
1	Liquid pipe connection	φ 6.4 flare connection

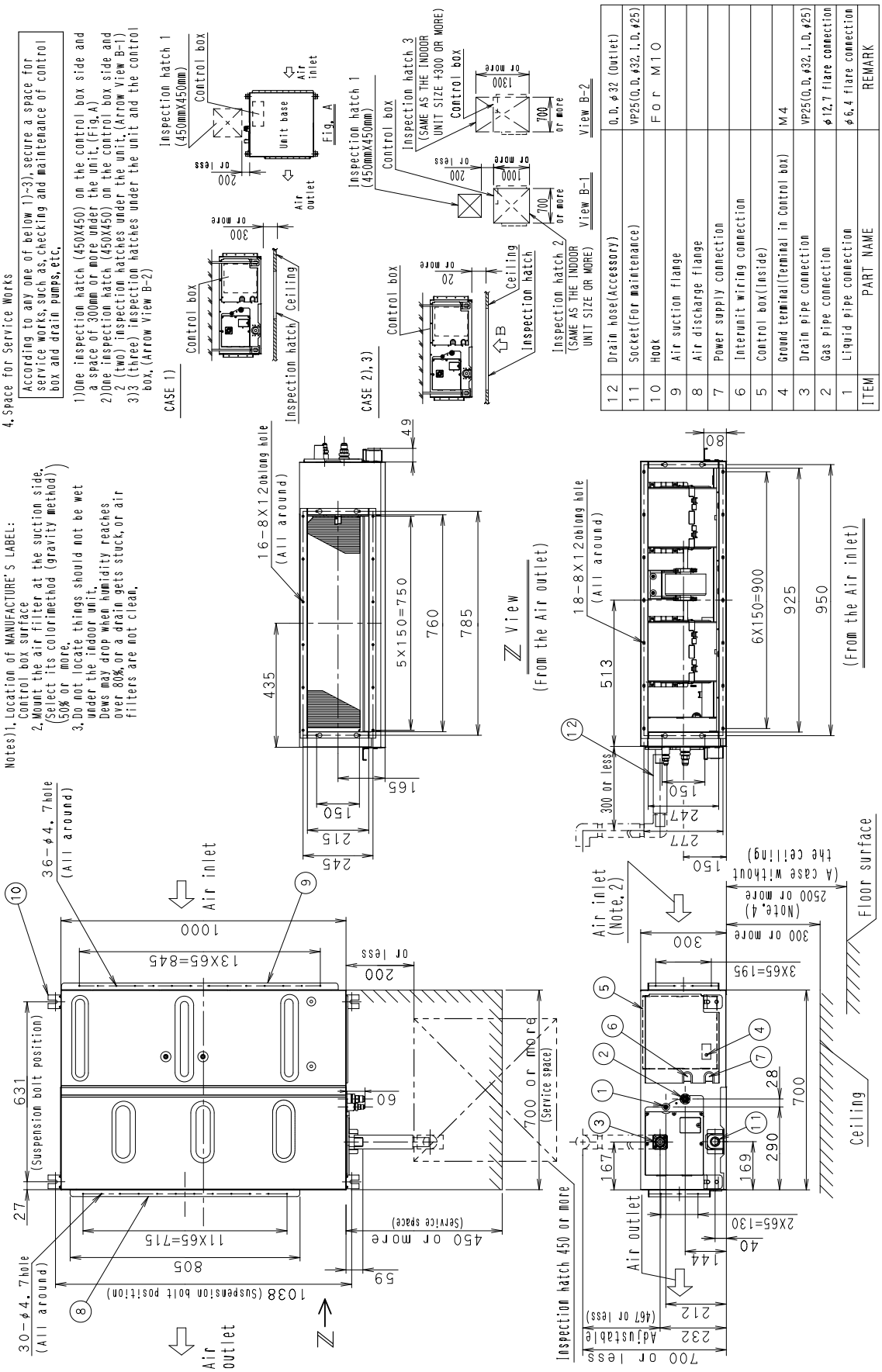
FXMQ40PVE

Unit (mm)



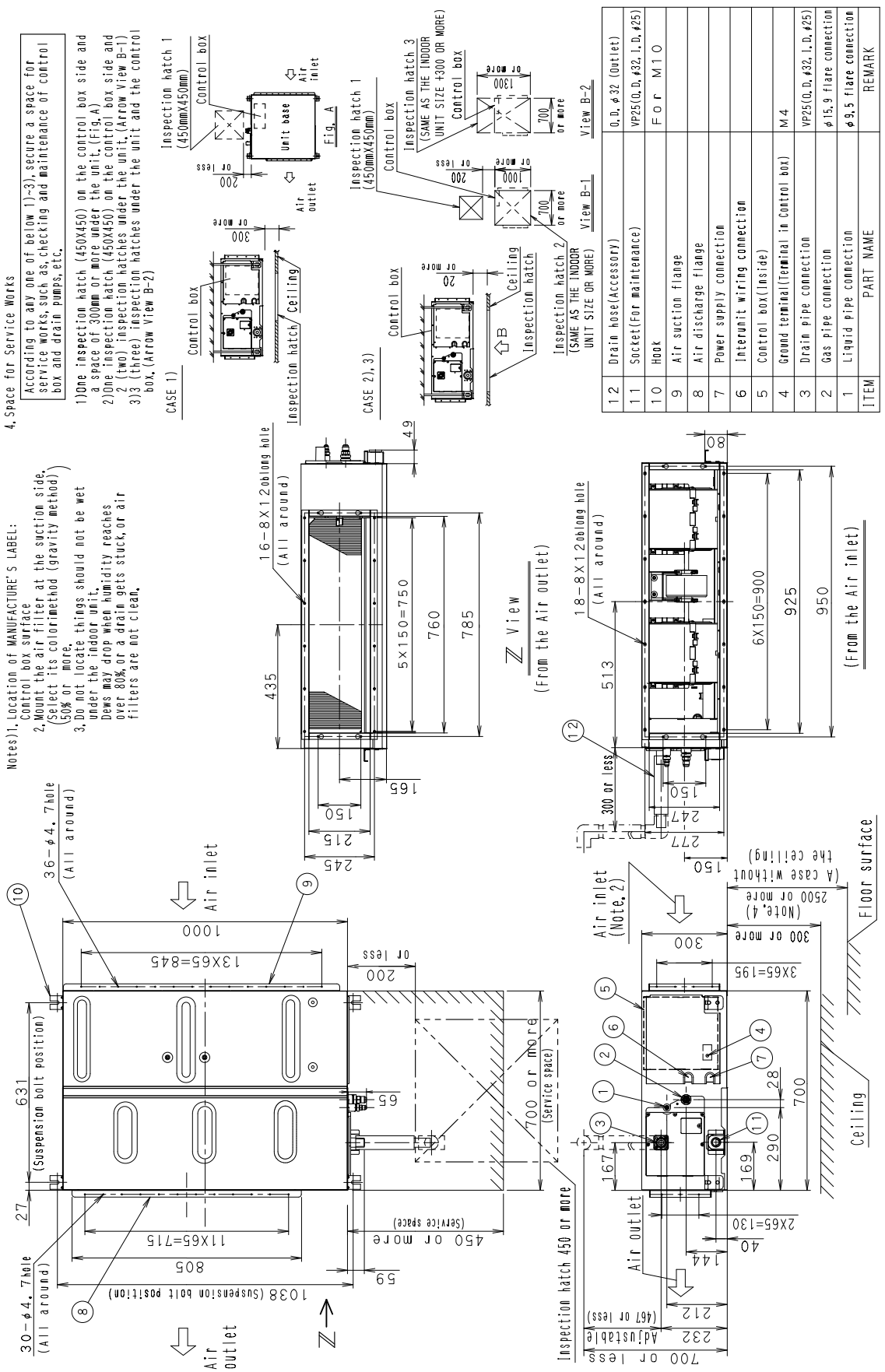
FXMQ50PVE

Unit (mm)



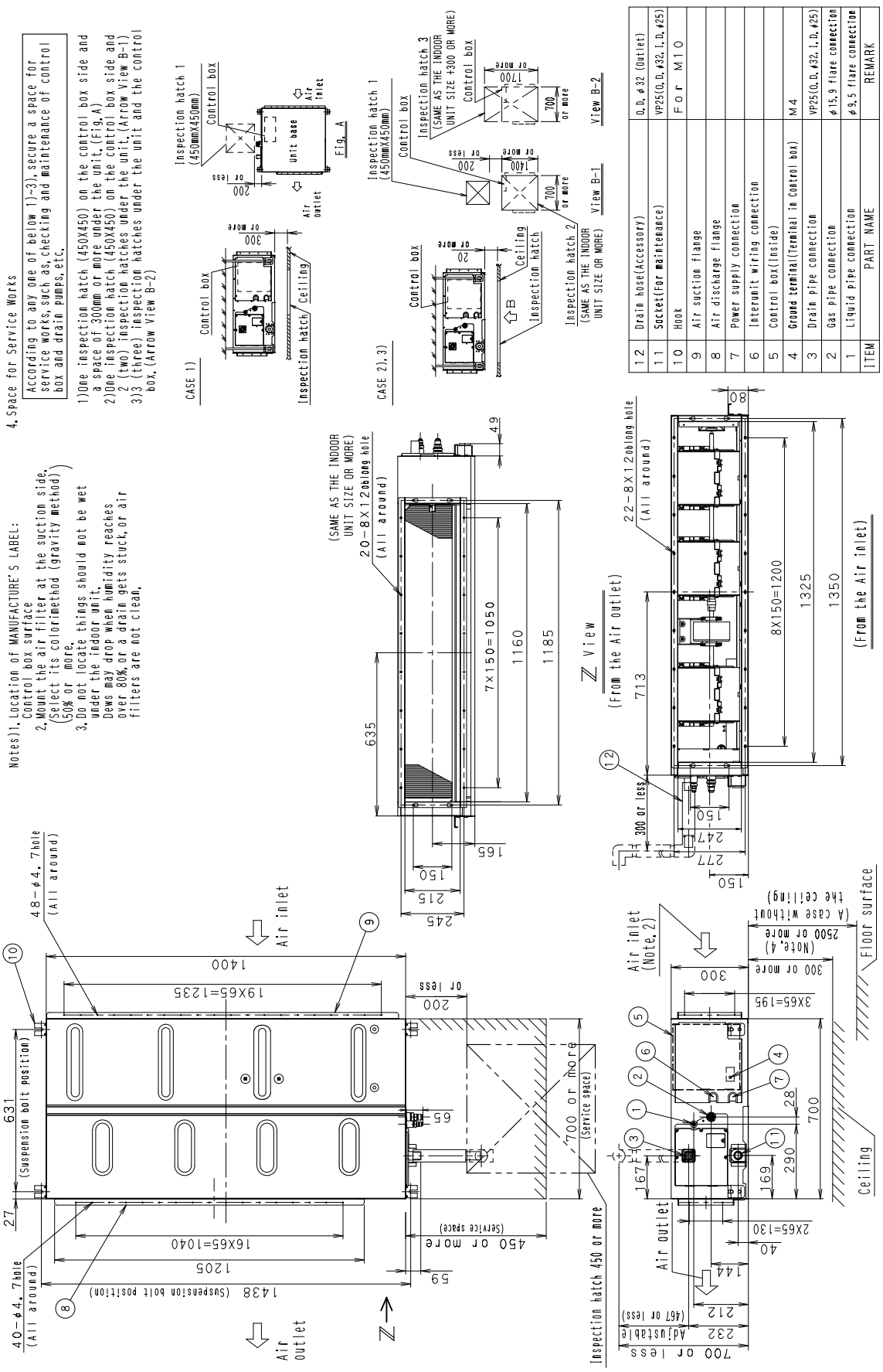
FXMQ63PVE / FXMQ80PVE

Unit (mm)

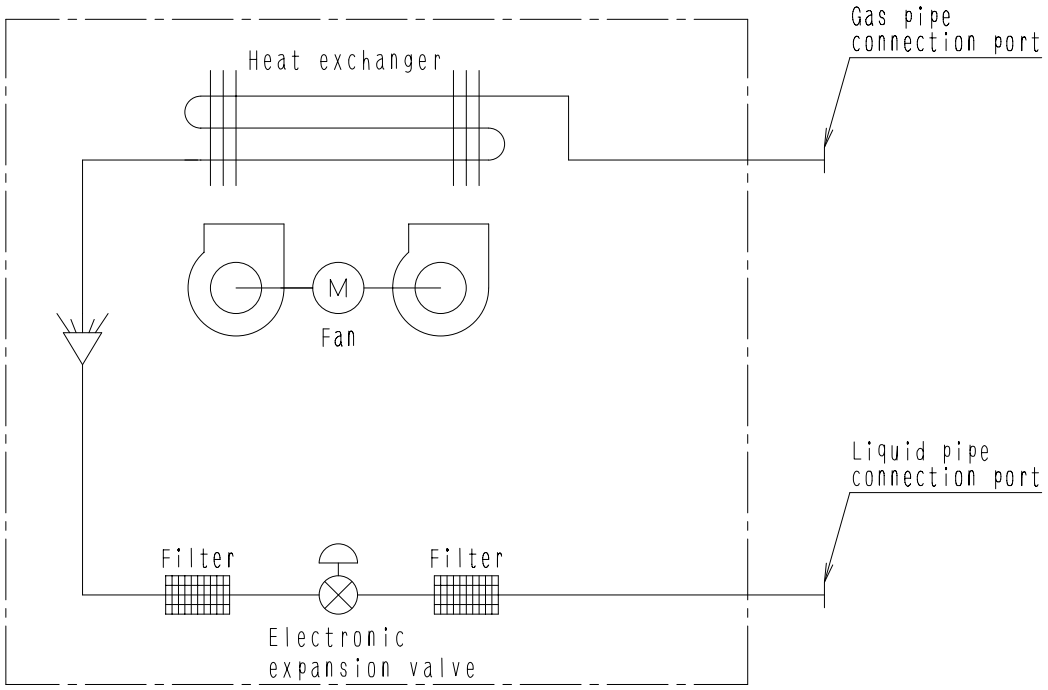


FXMQ100PVE / FXMQ125PVE / FXMQ140PVE

Unit (mm)



3. Piping Diagrams



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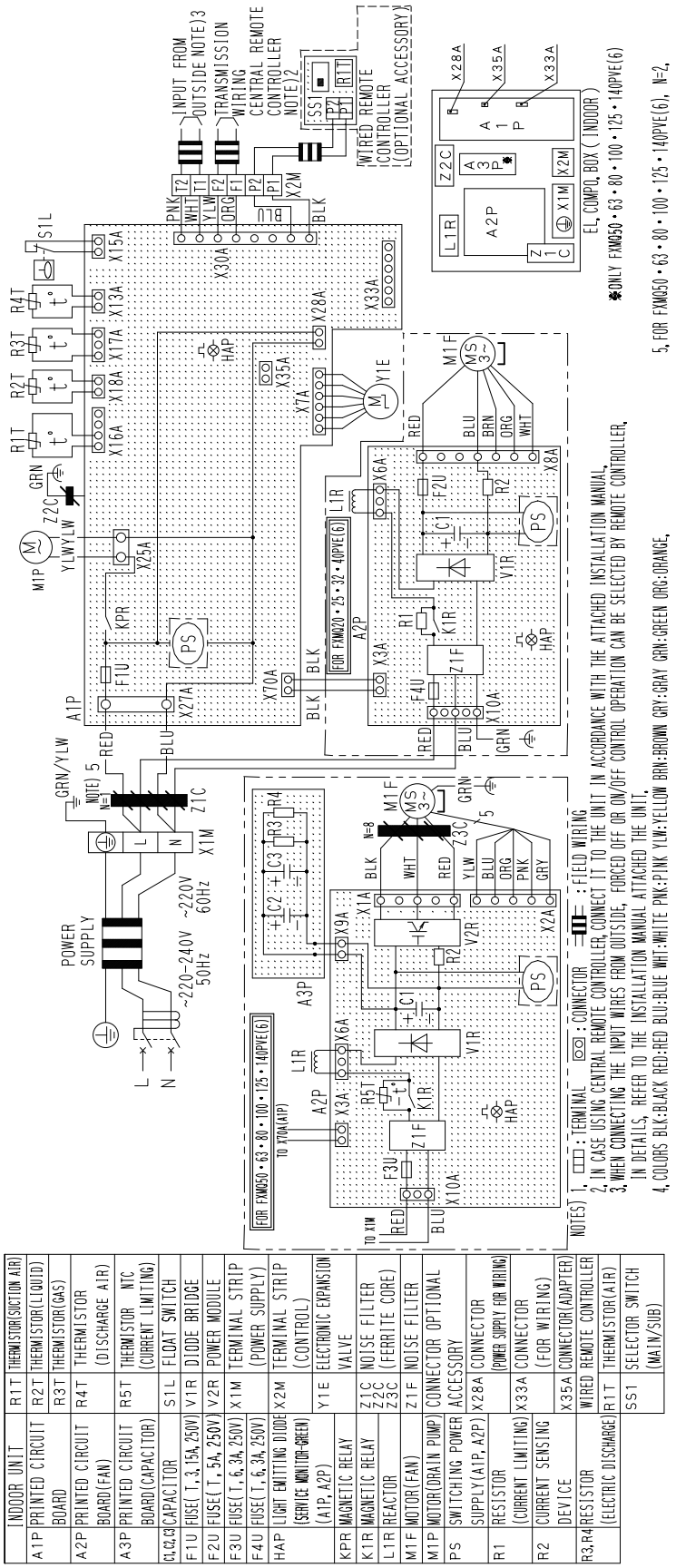
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE	ϕ12.7	ϕ6.4
FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE



[INDOOR UNIT]			
A1P	PRINTED CIRCUIT BOARD	R1T	THERMISTOR(SUCTION AIR)
		R2T	THERMISTOR(LIQUID)
		R3T	THERMISTOR(GAS)
A2P	PRINTED CIRCUIT BOARD(FAN)	R4T	THERMISTOR (DISCHARGE AIR)
A3P	PRINTED CIRCUIT BOARD(CAPACITOR)	R5T	THERMISTOR NTC (CURRENT LIMITING)
C1,C2,C3	CAPACITOR	S1L	FLOAT SWITCH
F1U	FUSE(T, 3.15A, 250V)	V1R	DIODE BRIDGE
F2U	FUSE(T, 5A, 250V)	V2R	POWER MODULE
F3U	FUSE(T, 6.3A, 250V)	X1M	TERMINAL STRIP (POWER SUPPLY)
F4U	FUSE(T, 6.3A, 250V)		
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN) (A1P, A2P)	X2M	TERMINAL STRIP (CONTROL)
		Y1E	ELECTRONIC EXPANSION VALVE
KPR	MAGNETIC RELAY		
K1R	MAGNETIC RELAY	Z1C	NOISE FILTER (FERRITE CORE)
L1R	REACTOR	Z2C	
M1F	MOTOR(FAN)	Z3C	
M1P	MOTOR(DRAIN PUMP)	Z1F	NOISE FILTER
PS	SWITCHING POWER SUPPLY(A1P, A2P)		CONNECTOR OPTIONAL ACCESSORY
R1	RESISTOR (CURRENT LIMITING)	X28A	CONNECTOR (POWER SUPPLY FOR WIRING)
R2	CURRENT SENSING DEVICE	X33A	CONNECTOR (FOR WIRING)
R3,R4	RESISTOR (ELECTRIC DISCHARGE)	X35A	CONNECTOR(ADAPTER)
		WIRED	REMOTE CONTROLLER
		R1T	THERMISTOR(AIR)
		SS1	SELECTOR SWITCH (MAIN/SUB)

5. Electric Characteristics

Model	Power supply					IFM		Input(W)	
	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ20PVE	50	220~240V	Max. 264V Min. 198V	0.6	16	0.090	0.5	81	69
FXMQ25PVE				0.6	16	0.090	0.5	81	69
FXMQ32PVE				0.6	16	0.090	0.5	85	73
FXMQ40PVE				1.4	16	0.140	1.1	194	182
FXMQ50PVE				1.6	16	0.350	1.3	215	203
FXMQ63PVE				1.8	16	0.350	1.4	230	218
FXMQ80PVE				2.3	16	0.350	1.8	298	286
FXMQ100PVE				2.9	16	0.350	2.3	376	364
FXMQ125PVE				3.4	16	0.350	2.7	461	449
FXMQ140PVE				3.4	16	0.350	2.7	461	449
FXMQ20PVE	60	220V	Max. 242V Min. 198V	0.6	16	0.090	0.5	80	69
FXMQ25PVE				0.6	16	0.090	0.5	80	69
FXMQ32PVE				0.6	16	0.090	0.5	84	73
FXMQ40PVE				1.4	16	0.140	1.1	193	182
FXMQ50PVE				1.6	16	0.350	1.3	214	203
FXMQ63PVE				1.8	16	0.350	1.4	229	218
FXMQ80PVE				2.3	16	0.350	1.8	297	286
FXMQ100PVE				2.9	16	0.350	2.3	375	364
FXMQ125PVE				3.4	16	0.350	2.7	460	449
FXMQ140PVE				3.4	16	0.350	2.7	460	449

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 16A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.

C: 4D060439C

6. Safety Devices Setting

Model		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
PC board fuse		250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
PC board fuse (Fan driver)		250V 5A	250V 5A	250V 5A	250V 5A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A
Drain pump thermal fuse	°C	145	145	145	145	145	145	145	145	145	145

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7. Capacity Tables

7.1 Cooling Capacity

FXMQ-P [50/60Hz] Cooling capacity

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20 °CDB		23 °CDB		26 °CDB		27 °CDB		28 °CDB		30 °CDB		32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	10.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.8	2.1
	12.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	2.0
	14.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	2.0
	16.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	2.0
	18.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.6	2.0
	20.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.6	2.0
	21.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.6	2.0
	23.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.5	1.9
	25.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.5	1.9
	27.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	29.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.8	2.4	1.9
	31.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.8	2.4	1.8
	33.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.3	1.8	2.4	1.8
	35.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.2	1.9	2.3	1.8	2.3	1.8
	37.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.2	1.8	2.2	1.7	2.3	1.8
	39.0	1.5	1.5	1.8	1.8	2.1	1.9	2.1	1.9	2.2	1.8	2.2	1.7	2.3	1.8
	42.0	1.5	1.5	1.8	1.8	2.0	1.9	2.1	1.8	2.1	1.8	2.2	1.7	2.2	1.7
	44.0	1.5	1.5	1.8	1.8	2.0	1.9	2.0	1.8	2.1	1.7	2.1	1.7	2.2	1.7
	46.0	1.5	1.5	1.8	1.8	1.9	1.8	1.9	1.7	1.9	1.6	1.9	1.5	1.9	1.5
25	10.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.3	2.4	3.5	2.4
	12.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.3	2.4	3.5	2.4
	14.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.3	2.4	3.4	2.4
	16.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.3	2.4	3.4	2.4
	18.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.3	2.4	3.4	2.4
	20.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.2	2.3	3.3	2.3
	21.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.2	2.3	3.3	2.3
	23.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.2	2.3	3.2	2.3
	25.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.1	2.3	3.2	2.3
	27.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.1	2.2	3.2	2.3
	29.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	3.0	2.3	3.0	2.2	3.1	2.2
	31.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	2.9	2.3	3.0	2.2	3.1	2.2
	33.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	2.9	2.3	2.9	2.2	3.0	2.2
	35.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	2.8	2.2	2.9	2.1	3.0	2.2
	37.0	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	2.8	2.2	2.9	2.1	2.9	2.1
	39.0	1.9	1.8	2.3	2.0	2.6	2.3	2.7	2.2	2.7	2.2	2.8	2.1	2.9	2.1
	42.0	1.9	1.8	2.3	2.0	2.6	2.3	2.6	2.2	2.7	2.1	2.7	2.1	2.8	2.1
	44.0	1.9	1.8	2.3	2.0	2.6	2.2	2.6	2.2	2.6	2.1	2.7	2.0	2.8	2.0
	46.0	1.9	1.8	2.3	2.0	2.4	2.1	2.4	2.1	2.4	2.0	2.4	1.9	2.4	1.9
32	10.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.6	3.0
	12.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.5	3.0
	14.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	3.0
	16.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	3.0
	18.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.2	3.0	4.3	2.9
	20.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.2	2.9	4.3	2.9
	21.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.9
	23.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.9
	25.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.0	2.9	4.1	2.8
	27.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	4.0	2.8	4.1	2.8
	29.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	3.9	2.8	4.0	2.8
	31.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.8	2.9	3.8	2.8	3.9	2.7
	33.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.7	2.8	3.8	2.7	3.9	2.7
	35.0	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.6	2.8	3.7	2.7	3.8	2.7
	37.0	2.4	2.2	2.9	2.5	3.4	2.8	3.5	2.8	3.6	2.8	3.7	2.7	3.8	2.7
	39.0	2.4	2.2	2.9	2.5	3.4	2.8	3.5	2.8	3.5	2.7	3.6	2.6	3.7	2.6
	42.0	2.4	2.2	2.9	2.5	3.4	2.8	3.4	2.7	3.4	2.7	3.5	2.6	3.6	2.6
	44.0	2.4	2.2	2.9	2.5	3.3	2.8	3.3	2.7	3.4	2.6	3.5	2.6	3.6	2.6
	46.0	2.4	2.2	2.9	2.5	3.1	2.7	3.1	2.6	3.1	2.5	3.1	2.3	3.1	2.3
40	10.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.7	4.0
	12.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.6	4.0
	14.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.5	4.0
	16.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.5	3.9
	18.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.3	3.9	5.4	3.9
	20.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.2	3.8	5.3	3.9
	21.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.2	3.8	5.3	3.8
	23.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.1	3.8	5.2	3.8
	25.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.0	3.7	5.1	3.8
	27.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.0	3.7	5.1	3.7
	29.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	4.9	3.7	5.0	3.7
	31.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.7	3.8	4.8	3.6	4.9	3.6
	33.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.6	3.7	4.7	3.6	4.8	3.6
	35.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.6	3.7	4.7	3.5	4.8	3.6
	37.0	3.0	2.9	3.6	3.4	4.2	3.8	4.4	3.8	4.5	3.6	4.6	3.5	4.7	3.5
	39.0	3.0	2.9	3.6	3.4	4.2	3.8	4.4	3.7	4.4	3.6	4.5	3.4	4.6	3.5
	42.0	3.0	2.9	3.6	3.4	4.2	3.8	4.2	3.6	4.3	3.5	4.4	3.4	4.5	3.4
	44.0	3.0	2.9	3.6	3.4	4.1	3.7	4.2	3.6	4.2	3.5	4.3	3.3	4.4	3.4
	46.0	3.0	2.9	3.6	3.4	3.9	3.6	3.9	3.4	3.9	3.3	3.9	3.0	3.9	3.1
50	10.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	7.1	4.3
	12.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	7.0	4.3
	14.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	6.9	4.2
	16.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	6.8	4.1
	18.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.6	4.7	6.7	4.1
	20.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.5	4.7	6.6	4.0
	21.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.4	4.6	6.6	4.0
	23.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.4	4.6	6.5	4.0
	25.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.3	4.5	6.4	3.9
	27.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.2	4.5	6.3	3.8
	29.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.9	4.6	6.1	4.4	6.2	3.8
	31.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.9	4.6	6.0	4.4	6.1	3.7
	33.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.8	4.5	5.9	4.3	6.0	3.7
	35.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.7	4.5	5.8	4.3	5.9	3.6
	37.0	3.8	3.6	4.5	4.1	5.2	4.5	5.5	4.6	5.6	4.4	5.7	4.2	5.8	3.6
	39.0	3.8	3.6	4.5	4.1	5.2	4.5	5.4	4.5	5.5	4.4	5.6	4.2	5.8	3.5
	42.0	3.8	3.6	4.5	4.1	5.2	4.5	5.3	4.4	5.3	4.3	5.5	4.1	5.6	3.4
	44.0	3.8	3.6	4.5	4.1	5.1	4.5	5.2	4.4	5.3	4.2	5.4	4.1	5.5	3.4
	46.0	3.8	3.6	4.5	4.1	4.8	4.3	4.8	4.1	4.8	4.0	4.8	3.7	4.9	2.9

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20 °CDB		23 °CDB		26 °CDB		27 °CDB		28 °CDB		30 °CDB		32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
63	10.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	9.0	6.4
	12.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.9	6.3
	14.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.7	6.3
	16.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.6	6.3
	18.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.3	5.8	8.5	6.2
	20.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.2	5.7	8.4	6.2
	21.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.2	5.7	8.3	6.2
	23.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.1	5.6	8.2	6.1
	25.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	7.9	5.6	8.1	6.1
	27.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	7.8	5.5	8.0	6.1
	29.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.5	5.6	7.7	5.4	7.9	6.0
	31.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.4	5.5	7.6	5.4	7.8	6.0
	33.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.3	5.5	7.5	5.3	7.6	5.9
	35.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.2	5.4	7.4	5.3	7.5	5.9
	37.0	4.8	4.2	5.7	4.9	6.6	5.4	7.0	5.5	7.1	5.4	7.2	5.2	7.4	5.9
	39.0	4.8	4.2	5.7	4.9	6.6	5.4	6.9	5.4	7.0	5.3	7.1	5.1	7.3	5.8
	42.0	4.8	4.2	5.7	4.9	6.6	5.4	6.7	5.3	6.8	5.2	7.0	5.0	7.1	5.7
	44.0	4.8	4.2	5.7	4.9	6.5	5.4	6.6	5.2	6.7	5.1	6.8	5.0	7.0	5.7
	46.0	4.8	4.2	5.7	4.9	6.1	5.1	6.1	5.0	6.1	4.8	6.1	4.6	6.2	5.3
80	10.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.4	7.4
	12.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.2	7.4
	14.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.1	7.3
	16.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.7	7.4	10.9	7.2
	18.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.6	7.3	10.8	7.2
	20.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.4	7.2	10.6	7.1
	21.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.4	7.2	10.6	7.1
	23.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.2	7.1	10.4	7.0
	25.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.1	7.0	10.3	6.9
	27.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	9.9	7.0	10.1	6.9
	29.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.5	7.1	9.8	6.9	10.0	6.8
	31.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.4	7.0	9.6	6.8	9.8	6.7
	33.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.3	7.0	9.5	6.7	9.7	6.7
	35.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.1	6.9	9.3	6.6	9.5	6.6
	37.0	6.1	5.3	7.2	6.1	8.4	6.9	8.9	6.9	9.0	6.8	9.2	6.6	9.4	6.5
	39.0	6.1	5.3	7.2	6.1	8.4	6.9	8.7	6.8	8.8	6.7	9.0	6.5	9.3	6.5
	42.0	6.1	5.3	7.2	6.1	8.4	6.8	8.5	6.7	8.6	6.6	8.8	6.4	9.0	6.4
	44.0	6.1	5.3	7.2	6.1	8.2	6.8	8.3	6.6	8.5	6.5	8.7	6.3	8.9	6.3
	46.0	6.1	5.3	7.2	6.1	7.7	6.5	7.7	6.3	7.8	6.1	7.8	5.8	7.8	5.7
100	10.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	14.2	8.9
	12.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	14.0	8.9
	14.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	13.8	8.8
	16.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.3	9.0	13.6	8.7
	18.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.2	8.9	13.4	8.6
	20.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.0	8.8	13.2	8.5
	21.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.9	8.8	13.2	8.5
	23.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.7	8.7	13.0	8.4
	25.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.5	8.6	12.8	8.3
	27.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.3	8.5	12.6	8.2
	29.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.6	12.2	8.4	12.4	8.1
	31.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.7	8.5	12.0	8.3	12.2	8.0
	33.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.5	8.5	11.8	8.2	12.1	7.9
	35.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.3	8.4	11.6	8.1	11.9	7.8
	37.0	7.6	6.4	9.0	7.3	10.5	8.3	11.0	8.4	11.2	8.3	11.4	8.0	11.7	7.7
	39.0	7.6	6.4	9.0	7.3	10.5	8.3	10.8	8.3	11.0	8.2	11.2	7.9	11.5	7.6
	42.0	7.6	6.4	9.0	7.3	10.4	8.2	10.6	8.1	10.7	8.1	11.0	7.8	11.2	7.5
	44.0	7.6	6.4	9.0	7.3	10.2	8.1	10.4	8.1	10.5	8.0	10.8	7.7	11.1	7.4
	46.0	7.6	6.4	9.0	7.3	9.6	7.8	9.6	7.7	9.7	7.5	9.7	7.1	9.7	6.6
125	10.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.7	11.1
	12.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.5	11.0
	14.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.2	10.9
	16.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.0	10.8
	18.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.4	11.0	16.8	10.7
	20.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.2	10.9	16.6	10.6
	21.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.1	10.9	16.4	10.5
	23.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.9	10.8	16.2	10.4
	25.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.6	10.6	16.0	10.3
	27.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.4	10.5	15.8	10.2
	29.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.7	15.2	10.4	15.5	10.1
	31.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.6	10.6	15.0	10.3	15.3	10.0
	33.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.4	10.5	14.7	10.2	15.1	9.8
	35.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.2	10.4	14.5	10.1	14.9	9.7
	37.0	9.4	8.0	11.3	9.2	13.1	10.3	13.8	10.4	13.9	10.3	14.3	10.0	14.6	9.6
	39.0	9.4	8.0	11.3	9.2	13.1	10.3	13.5	10.3	13.7	10.2	14.1	9.9	14.4	9.5
	42.0	9.4	8.0	11.3	9.2	13.0	10.3	13.2	10.2	13.4	10.0	13.7	9.8	14.1	9.3
	44.0	9.4	8.0	11.3	9.2	12.8	10.2	13.0	10.1	13.1	9.9	13.5	9.7	13.8	9.2
	46.0	9.4	8.0	11.3	9.2	12.0	9.8	12.1	9.6	12.1	9.4	12.1	9.0	12.2	8.3
140	10.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	19.1	12.7	20.2	12.6
	12.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	19.1	12.7	20.0	12.5
	14.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	19.1	12.7	19.7	12.4
	16.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	19.1	12.7	19.4	12.3
	18.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	18.8	12.6	19.2	12.2
	20.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	18.5	12.4	18.9	12.1
	21.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	18.4	12.4	18.8	12.1
	23.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	18.1	12.3	18.5	12.0
	25.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	17.9	12.1	18.3	11.9
	27.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	17.6	12.0	18.0	11.8
	29.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	17.0	12.3	17.4	11.9	17.8	11.7
	31.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	16.7	12.1	17.1	11.8	17.5	11.6
	33.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	16.5	12.0	16.8	11.7	17.2	11.5
	35.0	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	16.2	11.9	16.6	11.5	17.0	11.3
	37.0	10.8	9.0	12.9	10.4	15.0	11.7	15.7	11.9	15.9	11.7	16.3	11.4	16.7	11.2
	39.0	10.8	9.0	12.9	10.4	15.0	11.7	15.5	11.8	15.7	11.6	16.1	11.3	16.5	11.1
	42.0	10.8	9.0	12.9	10.4	14.9	11.7	15.1	11.6	15.3	11.4	15.7	11.1	16.1	11.0
	44.0	10.8	9.0	12.9	10.4	14.6	11.5	14.8	11.4	15.0	11.3	15.4	11.0	15.8	10.9
	46.0	10.8	9.0	12.9	10.4	13.7	11.1	13.8	10.9	13.8	10.6	13.8	10.2	13.9	10.0

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXMQ-P [50/60Hz] Heating capacity

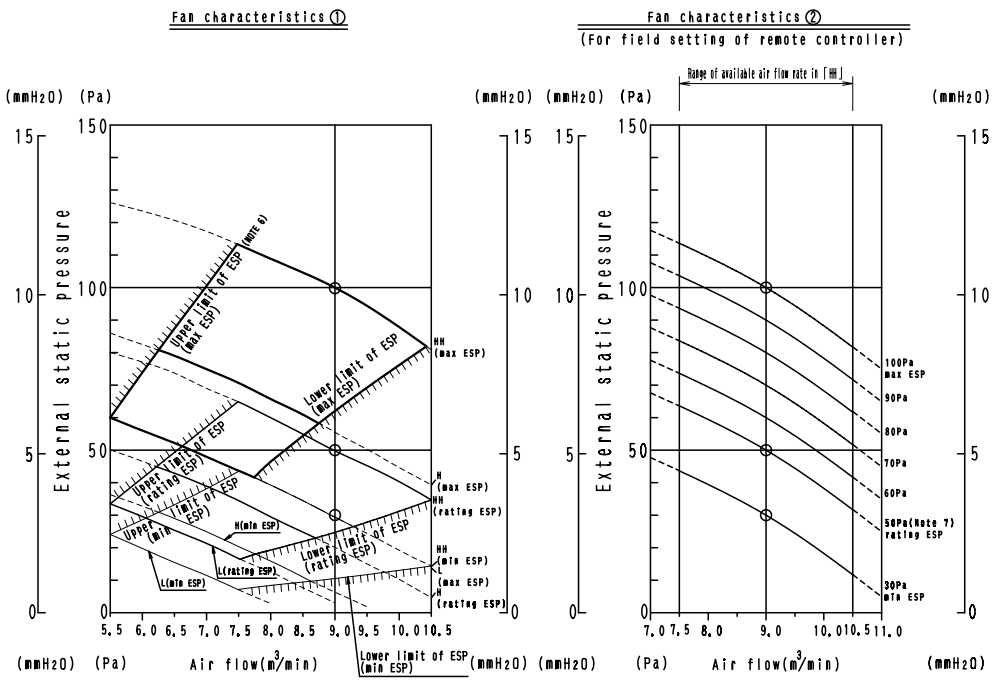
Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0
80	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
	-18.8	-19.0	6.1	6.1	6.0	6.0	6.0	6.0
	-16.7	-17.0	6.4	6.4	6.4	6.4	6.4	6.4
	-14.7	-15.0	6.8	6.8	6.8	6.7	6.7	6.7
	-12.6	-13.0	7.1	7.1	7.1	7.1	7.1	7.1
	-10.5	-11.0	7.5	7.5	7.5	7.5	7.4	7.4
	-9.5	-10.0	7.7	7.7	7.6	7.6	7.6	7.6
	-8.5	-9.1	7.8	7.8	7.8	7.8	7.8	7.8
	-7.0	-7.6	8.1	8.1	8.1	8.1	8.0	8.0
	-5.0	-5.6	8.4	8.4	8.4	8.4	8.4	8.4
	-3.0	-3.7	8.8	8.8	8.7	8.7	8.7	8.7
	0.0	-0.7	9.3	9.3	9.3	9.3	9.3	8.7
	3.0	2.2	9.8	9.8	9.8	9.7	9.4	8.7
	5.0	4.1	10.2	10.1	10.0	9.7	9.4	8.7
	7.0	6.0	10.5	10.5	10.0	9.7	9.4	8.7
	9.0	7.9	10.8	10.6	10.0	9.7	9.4	8.7
	11.0	9.8	11.2	10.6	10.0	9.7	9.4	8.7
	13.0	11.8	11.3	10.6	10.0	9.7	9.4	8.7
	15.0	13.7	11.3	10.6	10.0	9.7	9.4	8.7
100	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
	-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
	-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
	-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
	-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
	-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
	-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
	-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
	-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
	-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
	-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
	0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
	3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
	5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
	7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
	9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
	11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
	13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
	15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	-19.8	-20.0	9.4	9.4	9.4	9.4	9.4	9.3
	-18.8	-19.0	9.7	9.7	9.7	9.7	9.6	9.6
	-16.7	-17.0	10.3	10.3	10.2	10.2	10.2	10.2
	-14.7	-15.0	10.9	10.8	10.8	10.8	10.8	10.7
	-12.6	-13.0	11.4	11.4	11.4	11.4	11.3	11.3
	-10.5	-11.0	12.0	12.0	11.9	11.9	11.9	11.9
	-9.5	-10.0	12.3	12.2	12.2	12.2	12.2	12.2
	-8.5	-9.1	12.5	12.5	12.5	12.5	12.4	12.4
	-7.0	-7.6	13.0	12.9	12.9	12.9	12.9	12.8
	-5.0	-5.6	13.5	13.5	13.5	13.4	13.4	13.4
	-3.0	-3.7	14.1	14.0	14.0	14.0	14.0	13.9
	0.0	-0.7	14.9	14.9	14.8	14.8	14.8	13.9
	3.0	2.2	15.7	15.7	15.7	15.5	15.0	13.9
	5.0	4.1	16.3	16.2	16.0	15.5	15.0	13.9
	7.0	6.0	16.8	16.8	16.0	15.5	15.0	13.9
	9.0	7.9	17.3	17.0	16.0	15.5	15.0	13.9
	11.0	9.8	17.9	17.0	16.0	15.5	15.0	13.9
	13.0	11.8	18.1	17.0	16.0	15.5	15.0	13.9
	15.0	13.7	18.1	17.0	16.0	15.5	15.0	13.9
140	19.8	20.0	10.6	10.6	10.6	10.6	10.5	10.5
	18.8	19.0	10.9	10.9	10.9	10.9	10.9	10.8
	-16.7	-17.0	11.6	11.6	11.5	11.5	11.5	11.5
	-13.7	-15.0	12.2	12.2	12.2	12.1	12.1	12.1
	-11.8	-13.0	12.9	12.8	12.8	12.8	12.8	12.7
	-9.8	-11.0	13.5	13.5	13.4	13.4	13.4	13.4
	-9.5	-10.0	13.8	13.8	13.7	13.7	13.7	13.7
	-8.5	-9.1	14.1	14.1	14.0	14.0	14.0	14.0
	-7.0	-7.6	14.6	14.5	14.5	14.5	14.5	14.4
	-5.0	-5.6	15.2	15.2	15.1	15.1	15.1	15.1
	-3.0	-3.7	15.8	15.8	15.7	15.7	15.7	15.7
	0.0	-0.7	16.8	16.7	16.7	16.7	16.7	15.7
	3.0	2.2	17.7	17.7	17.6	17.4	16.8	15.7
	5.0	4.1	18.3	18.3	18.0	17.4	16.8	15.7
	7.0	6.0	18.9	18.9	18.0	17.4	16.8	15.7
	9.0	7.9	19.5	19.2	18.0	17.4	16.8	15.7
	11.0	9.8	20.1	19.2	18.0	17.4	16.8	15.7
	13.0	11.8	20.3	19.2	18.0	17.4	16.8	15.7
	15.0	13.7	20.3	19.2	18.0	17.4	16.8	15.7

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Fan Performances

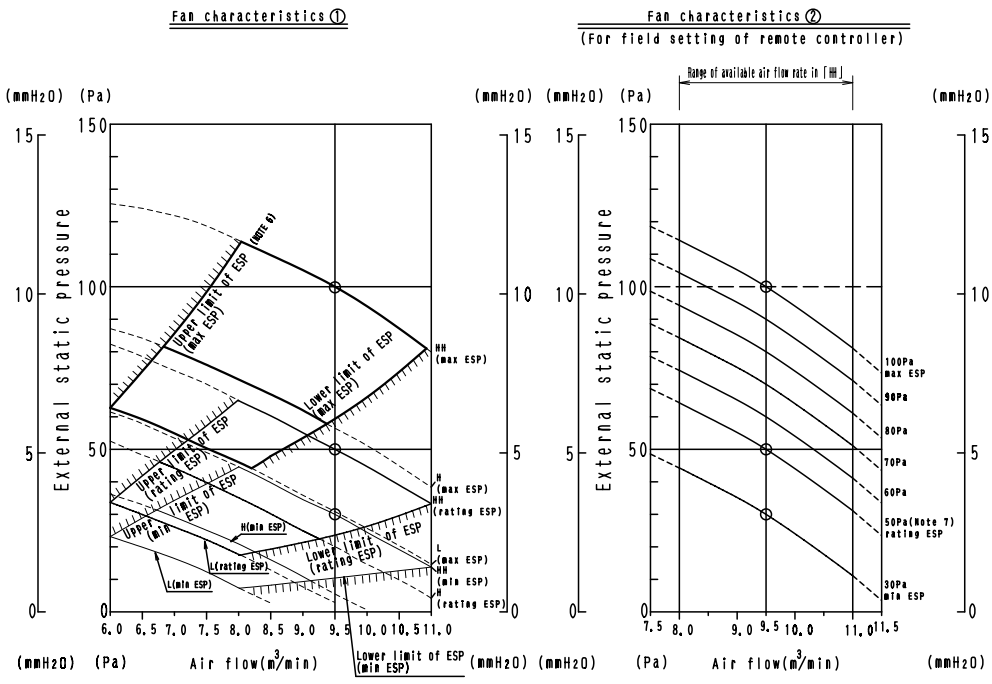
FXMQ20PVE / FXMQ25PVE



Notes:
1. As for this machine, setting is possible by 7 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D062537A

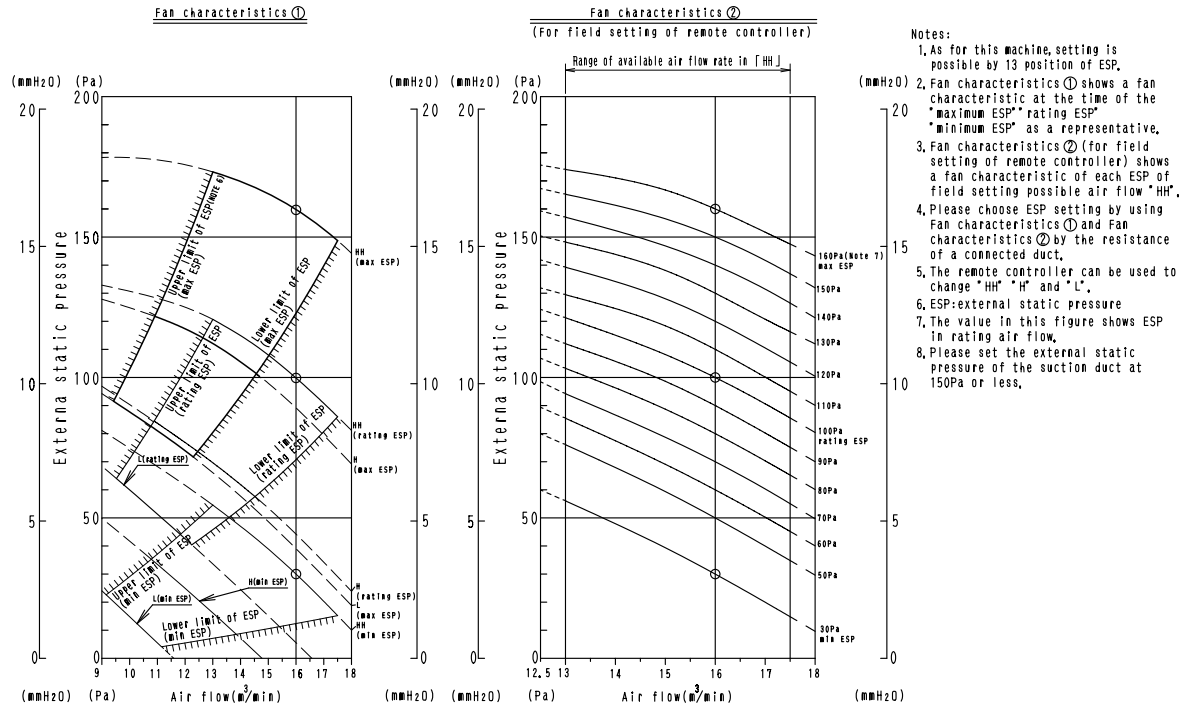
FXMQ32PVE



Notes:
1. As for this machine, setting is possible by 7 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D062538A

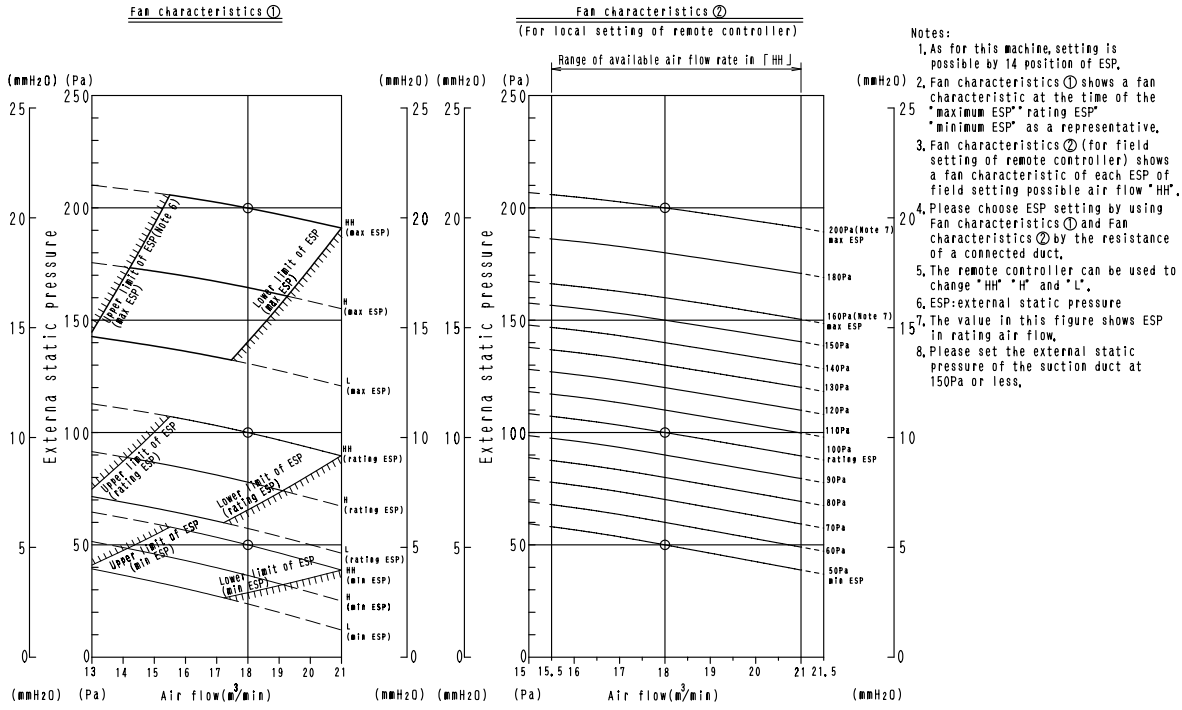
FXMQ40PVE



Notes:
1. As for this machine, setting is possible by 13 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060456C

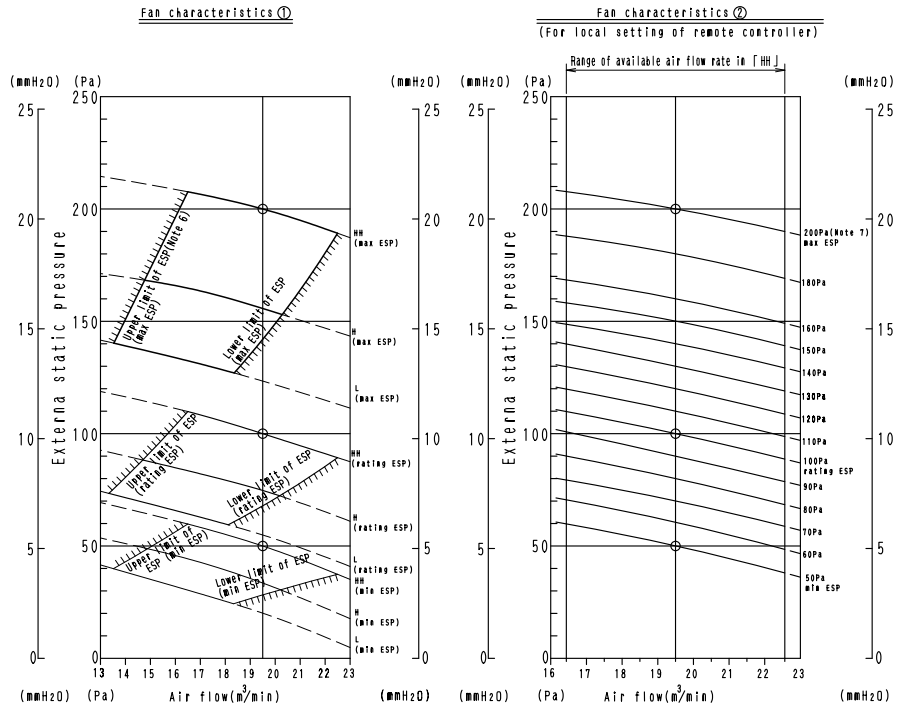
FXMQ50PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060457D

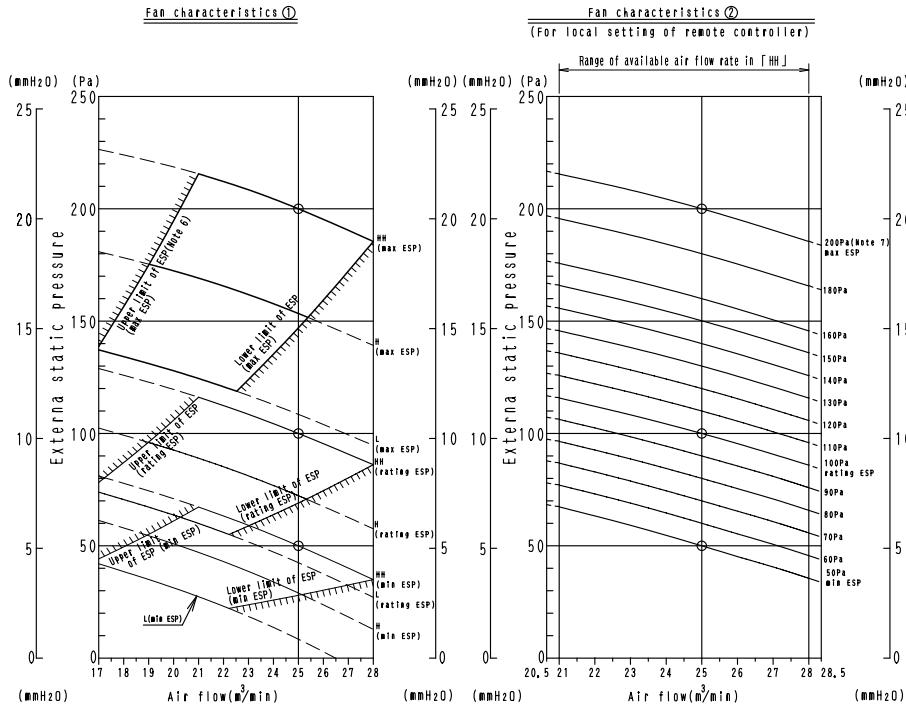
FXMQ63PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060458C

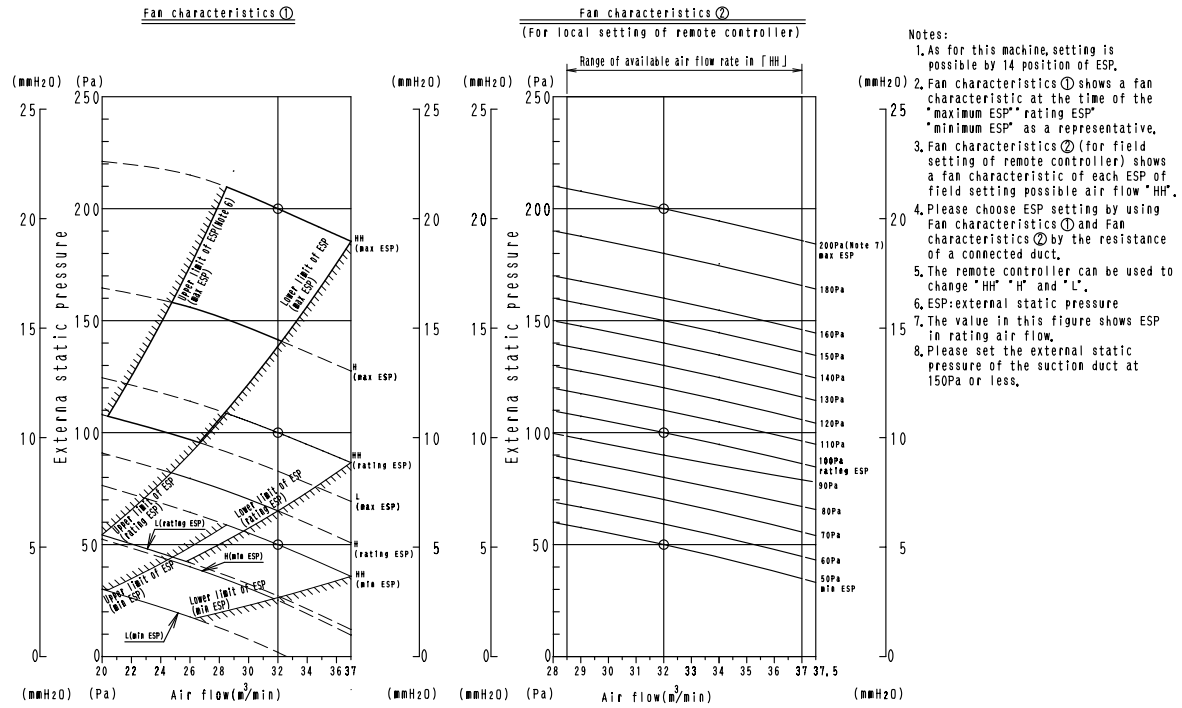
FXMQ80PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060459C

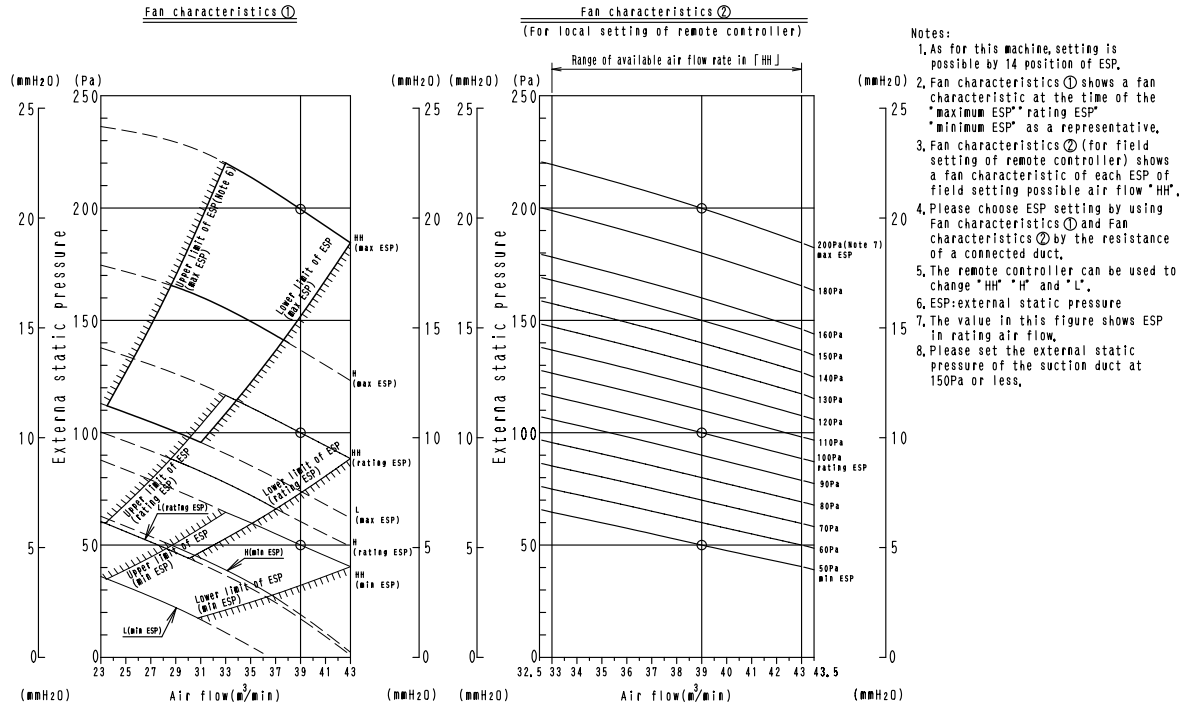
FXMQ100PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060460C

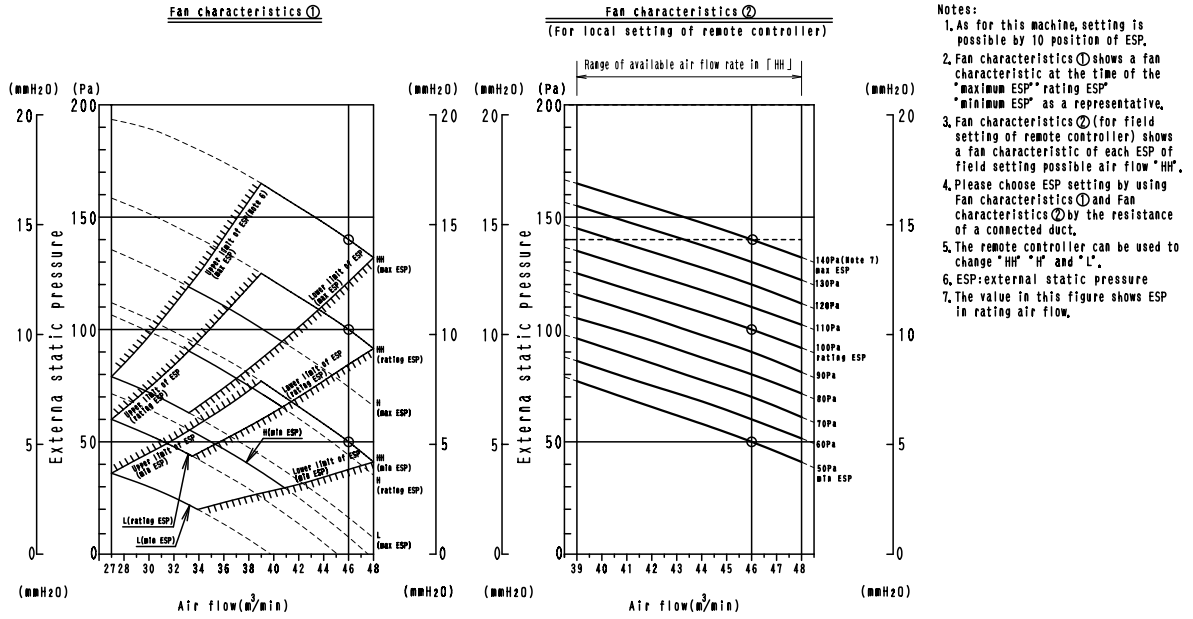
FXMQ125PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060461C

FXMQ140PVE

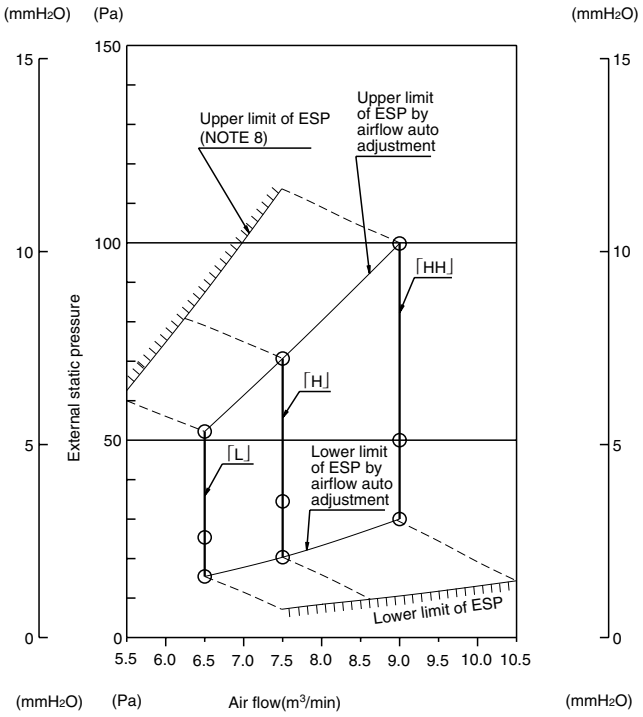


Notes:
1. As for this machine, setting is possible by 10 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D063787

9. Airflow Auto Adjustment Characteristics

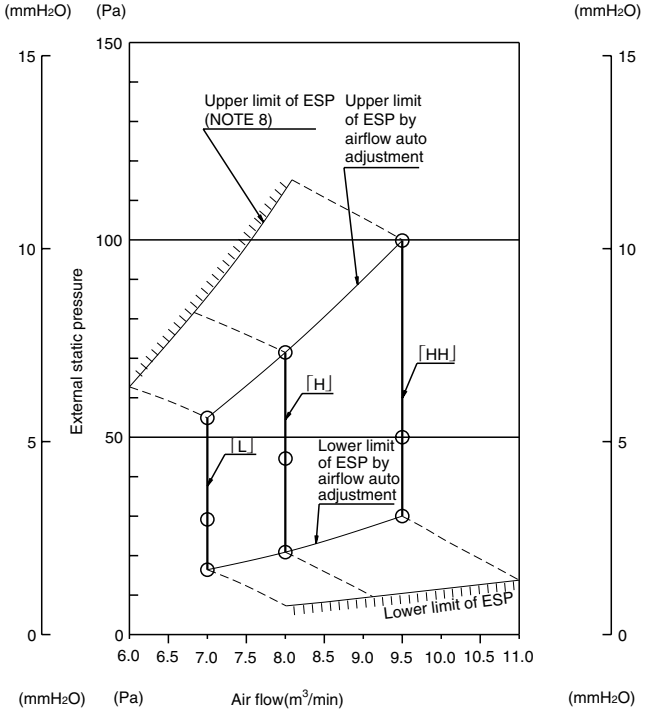
FXMQ20PVE / FXMQ25PVE



Notes:
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa-100Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.

3D062539

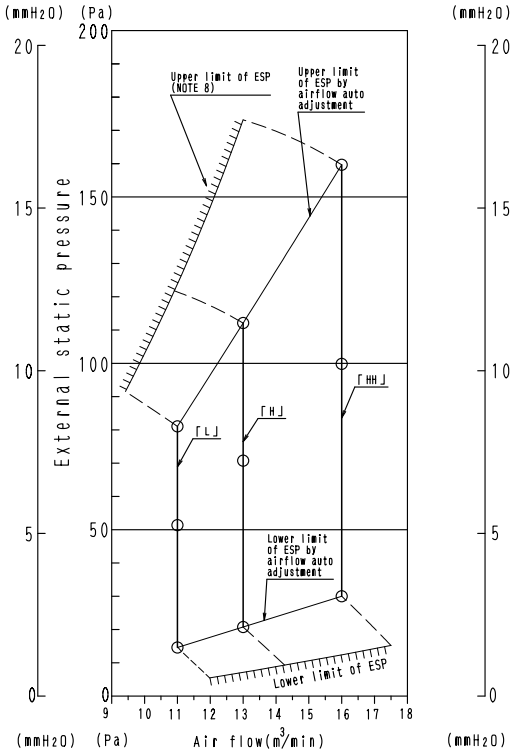
FXMQ32PVE



Notes:
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa-100Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.

3D062540

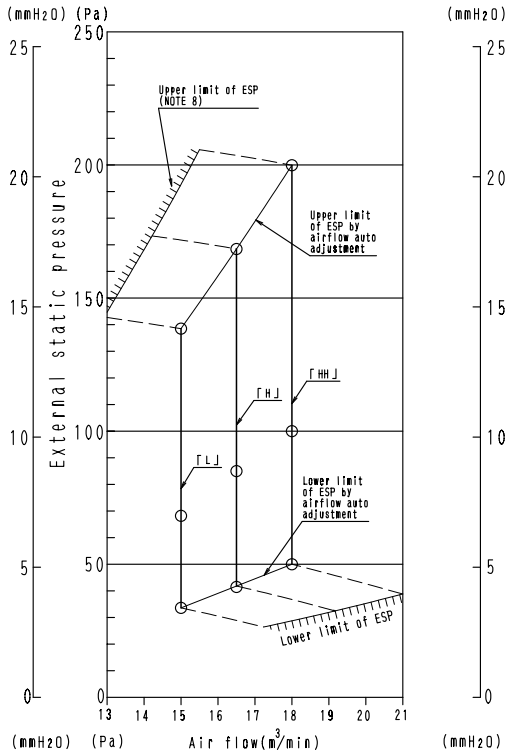
FXMQ40PVE



Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa – 160Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060577C

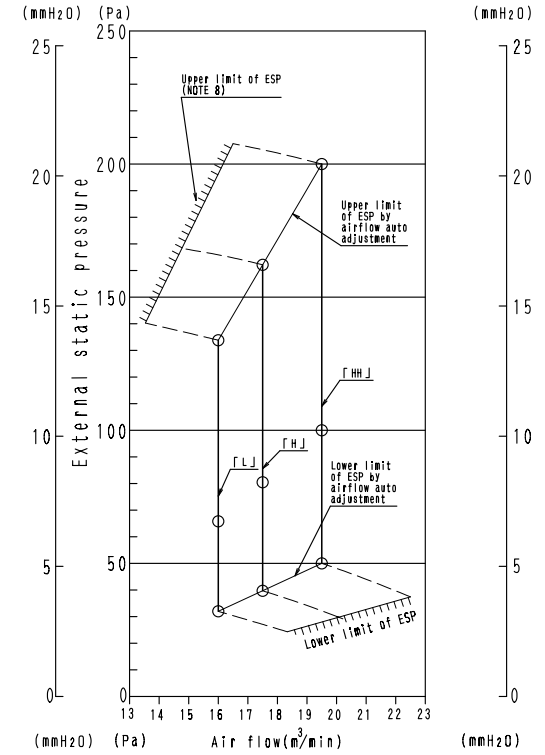
FXMQ50PVE



Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060578C

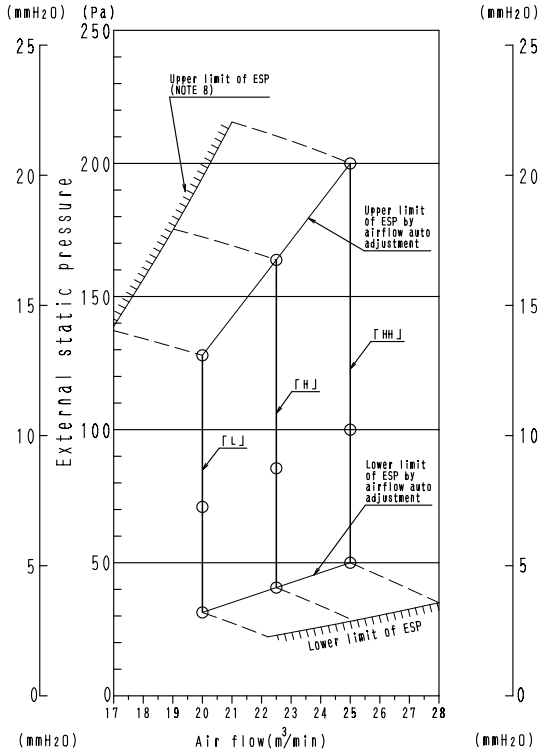
FXMQ63PVE



Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060579C

FXMQ80PVE

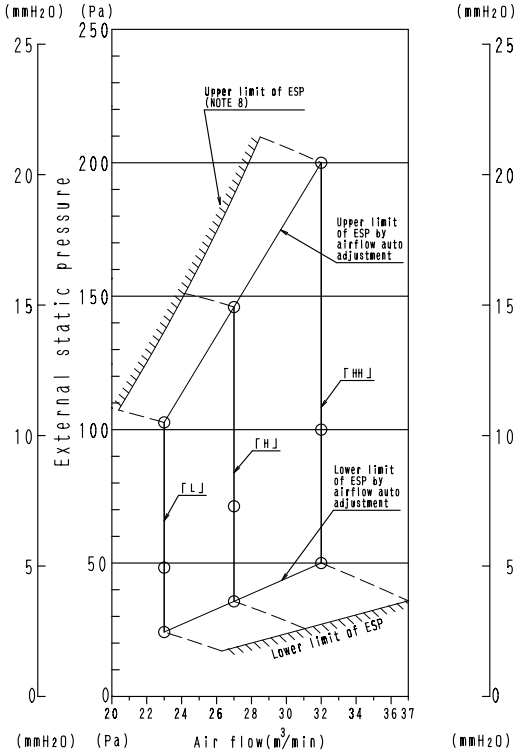


Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060580C

7

FXMQ100PVE



Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

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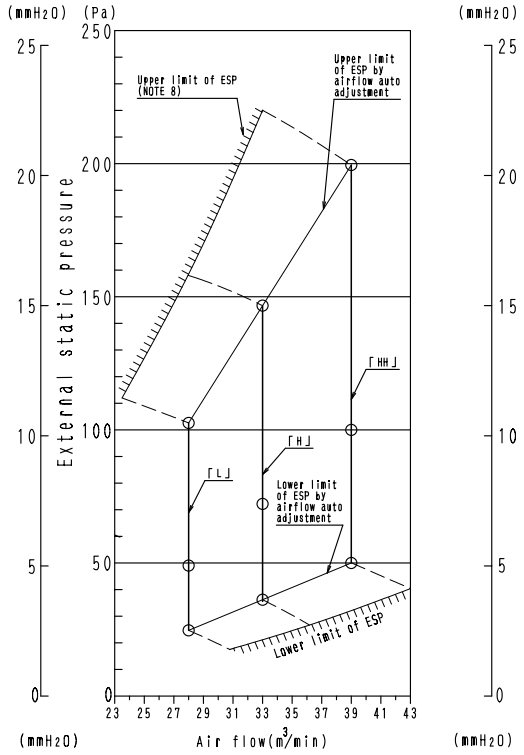
FXMQ125PVE



Notes :
1. As for this machine, less than 10% of the volume of blow-off air is automatically adjusted to the rated quantity by airflow auto adjustment at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. It is not operated auto adjustment, operated in air flow that is different from rated quantity in the case of use out of external static pressure range mentioned above.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

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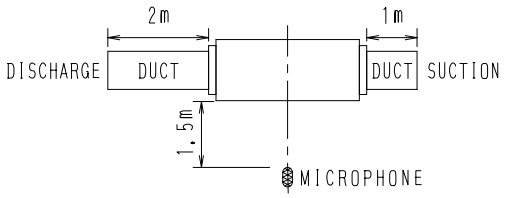
10. Sound Levels

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

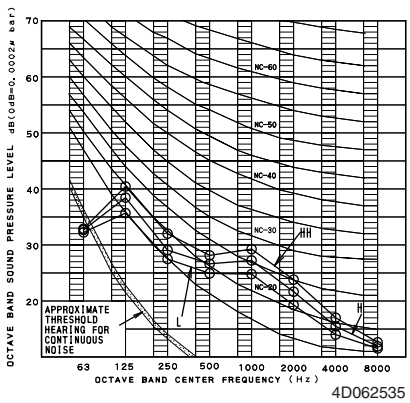
dB(A)

Model	220-240/220V, 50/60Hz		
	HH	H	L
FXMQ20PVE / FXMQ25PVE	33	31	29
FXMQ32PVE	34	32	30
FXMQ40PVE	39	37	35
FXMQ50PVE	41	39	37
FXMQ63PVE	42	40	38
FXMQ80PVE	43	41	39
FXMQ100PVE	43	41	39
FXMQ125PVE	44	42	40
FXMQ140PVE	46	45	43

Octave Band Level

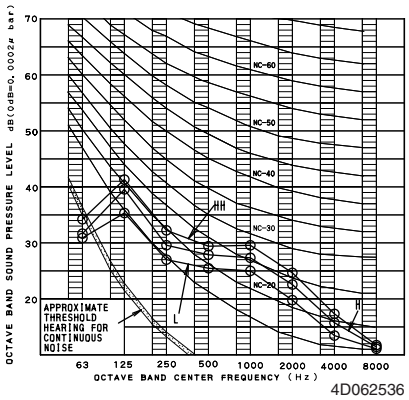
○——○ 220-240/220V, 50/60Hz

FXMQ20PVE / FXMQ25PVE



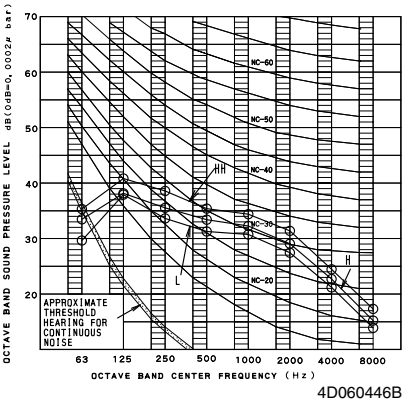
4D062535

FXMQ32PVE



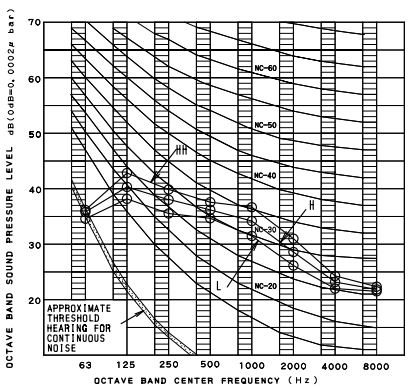
4D062536

FXMQ40PVE



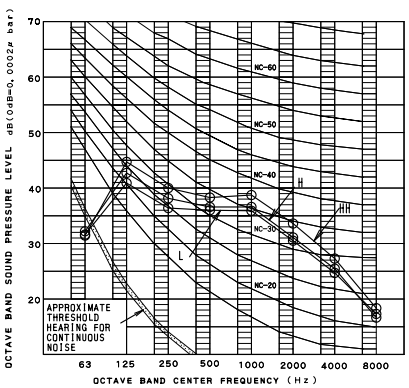
4D060446B

FXMQ50PVE



4D060428B

FXMQ63PVE



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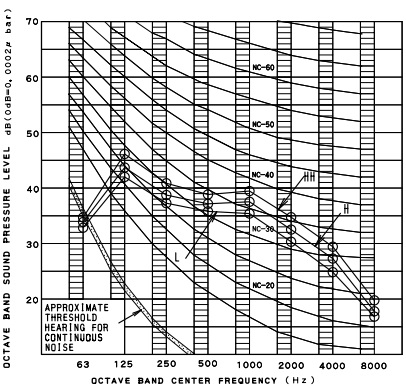
FXMQ80PVE



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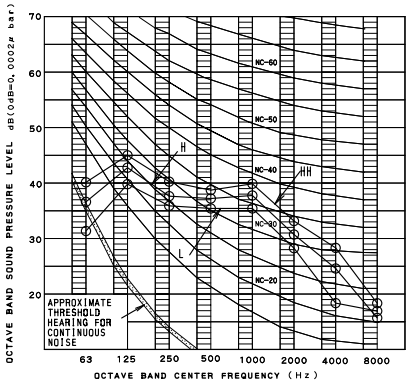
FXMQ100PVE



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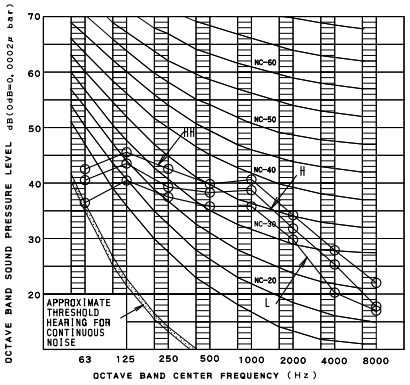
FXMQ125PVE



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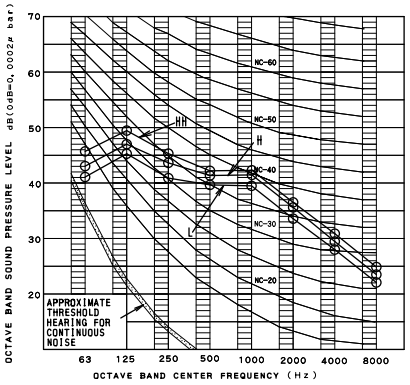
FXMQ140PVE



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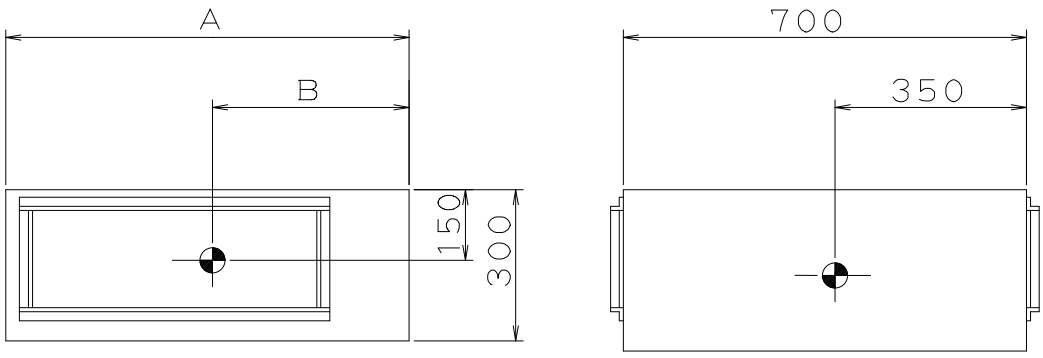
11. Centre of Gravity

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE

Unit (mm)



MODEL NAME	A	B
FXMQ20・25・32PVE	550	210
FXMQ40PVE(D) FXMQ40PVET	700	280
FXMQ50・63・80PVE(D) FXMQ50・63・80PVET	1000	460
FXMQ100・125・140PVE(D) FXMQ100・125PVET	1400	600

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12. Accessories

12.1 Optional Accessories (for Unit)

Model		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
High efficiency filter	65%	KAF372AA36			KAF372AA56	KAF372AA80			KAF372AA160		
	90%	KAF373AA36			KAF373AA56	KAF373AA80			KAF373AA160		
Filter chamber		KDDF37AA36			KDDF37AA56	KDDF37AA80			KDDF37AA160		
Long life replacement filter		KAF371AA36			KAF371AA56	KAF371AA80			KAF371AA160		
Long life filter chamber kit		KAF375AA36			KAF375AA56	KAF375AA80			KAF375AA160		
Service panel		KTBJ25K36W			KTB25KA56W	KTB25KA80W			KTB25KA160W		
		KTBJ25K36F			KTBJ25K56F	KTBJ25K80F			KTBJ25K160F		
		KTBJ25K36T			KTBJ25K56T	KTBJ25K80T			KTBJ25K160T		
Air discharge adapter		KDAJ25K36A			KDAJ25K56A	KDAJ25K71A			KDAJ25K140A		

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12.2 Optional Accessories (for Controls)

Refer to page 512.

FXMQ-MA
Ceiling Mounted Duct Type

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1. Specifications

Ceiling mounted duct type

Model				FXMQ200MAVE	FXMQ250MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)			kcal/h	19,800	24,800
			Btu/h	78,500	98,300
			kW	23.0	28.8
★2 ★4 Cooling capacity (19.0°CWB)			kW	22.4	28.0
★3 ★4 Heating capacity			kcal/h	21,500	27,100
			Btu/h	85,300	107,500
			kW	25.0	31.5
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	470×1,380×1,100	470×1,380×1,100
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×26×2.0	3×26×2.0
	Face area		m²	0.68	0.68
Fan	Model			D13/4G2DA1×2	D13/4G2DA1×2
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	380×2	380×2
	Airflow rate (H/L)		m³/min	58/50	72/62
			l/s	966/833	1,200/1,033
			cfm	2,047/1,765	2,542/2,189
	External static pressure	50Hz	Pa	221-132 ★5	270-191 ★5
		60Hz	Pa	270-132 ★5	270-147 ★5
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber	Glass fiber
Air filter				★6	★6
Piping connections	Liquid pipes		mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ19.1(Brazing connection)	ϕ22.2 (Brazing connection)
	Drain pipe		mm	PS1B	PS1B
Mass (Weight)			kg	137	137
★7 Sound level (H/L)	220V, 50/60Hz		dB(A)	48/45	48/45
	240V, 50Hz			49/46	49/46
Safety devices				Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Sealing pads. Connection pipes. Screws. Clamps.	Operation manual. Installation manual. Sealing pads. Connection pipes. Screws. Clamps.
Drawing No.				C: 3D038814B	

Notes:

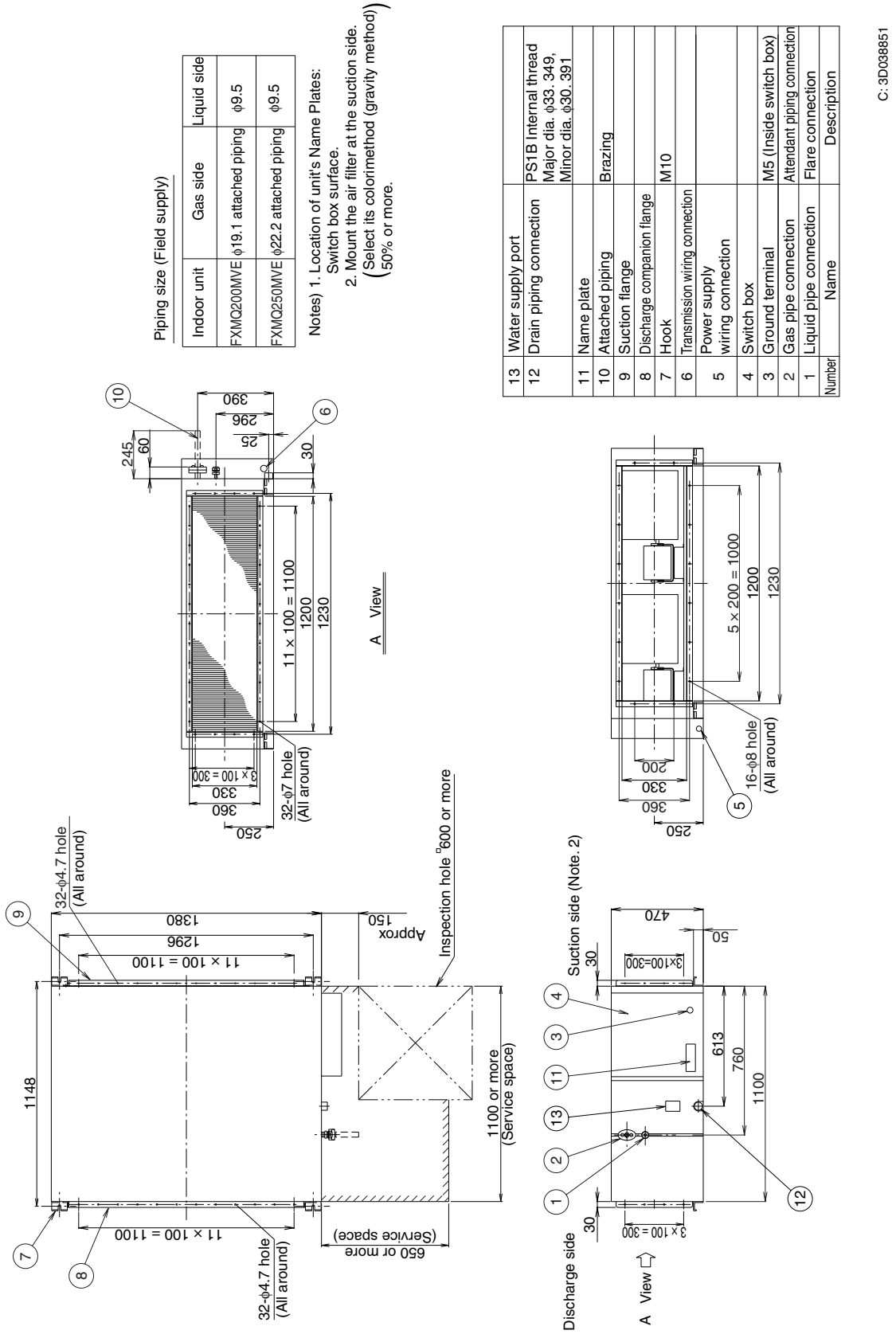
★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".
★6 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★7 Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. These values are normally somewhat higher during actual operation as a result of ambient conditions.
8 Refer to page 144 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

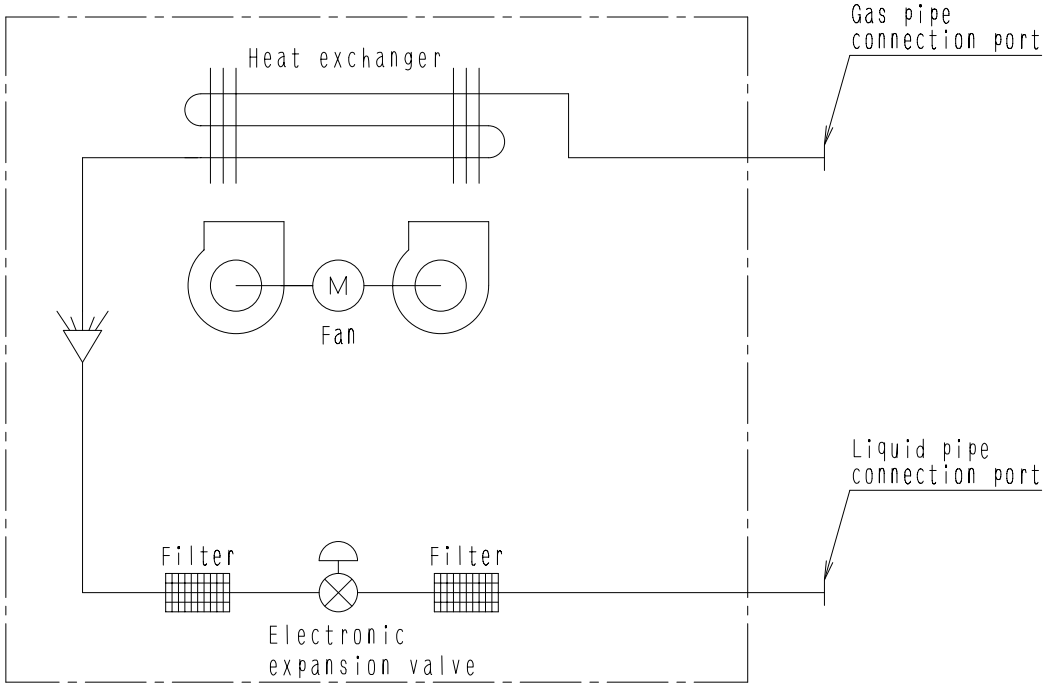
2. Dimensions

FXMQ200MAVE / FXMQ250MAVE

Unit (mm)



3. Piping Diagrams



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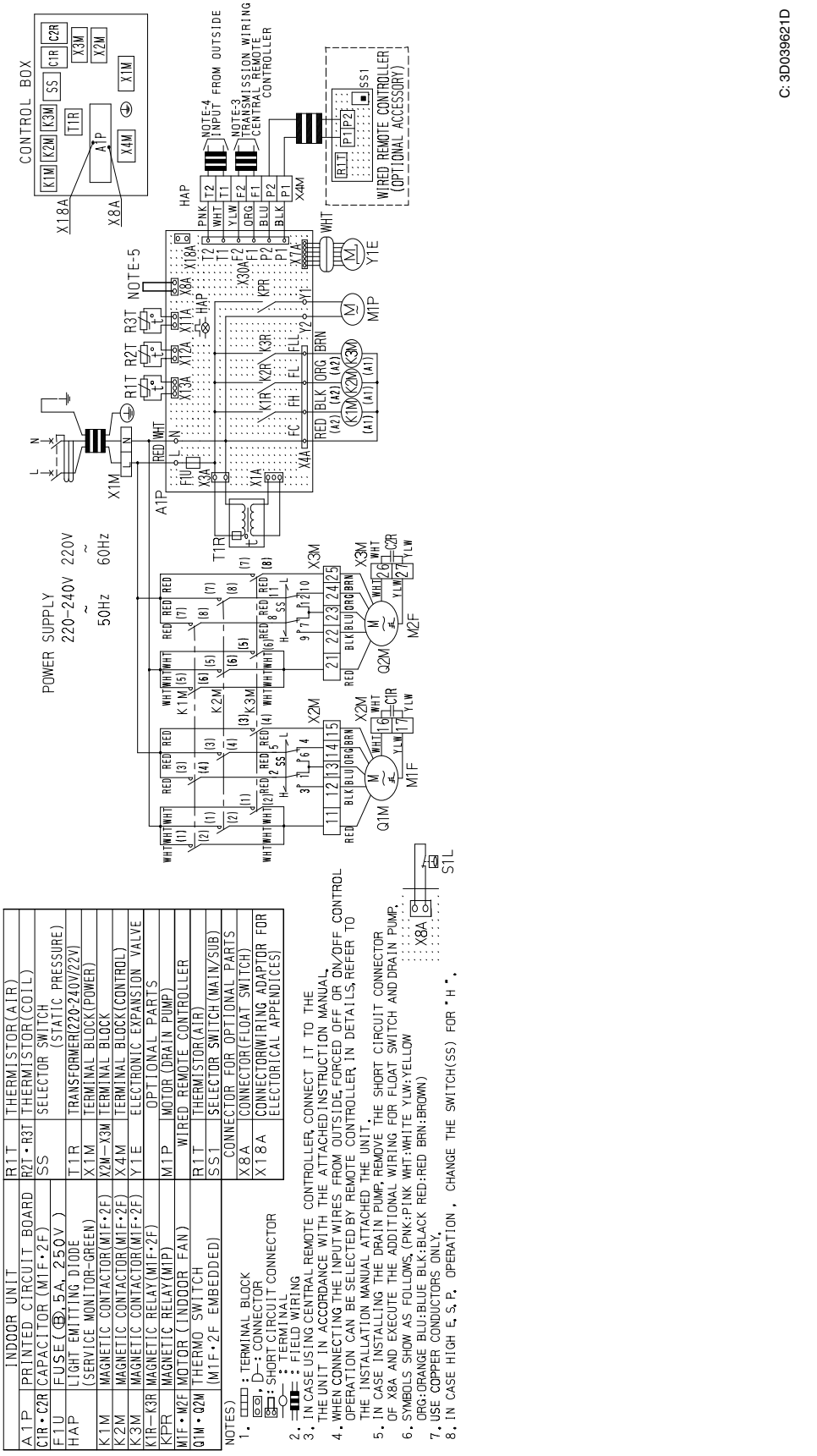
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXMQ200MAVE	ϕ19.1	ϕ9.5
FXMQ250MAVE	ϕ22.2	

4. Wiring Diagrams

FXMQ200MAVE / FXMQ250MAVE



5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ200MAVE	50	220-240	MAX. 264 Min. 198	8.1	15	0.380×2	6.5	1294	1294
FXMQ250MAVE				9.0	15	0.380×2	7.2	1465	1465
FXMQ200MAVE	60	220	MAX. 242 Min. 198	9.0	15	0.380×2	7.2	1490	1490
FXMQ250MAVE				10.1	15	0.380×2	8.1	1684	1684

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXMQ200MAVE	FXMQ250MAVE
PC board fuse		250V 10A	250V 10A
Fan motor thermal fuse	°C	–	–
Fan motor thermal protector	°C	OFF : 135±8 (ON : 87±15)	OFF : 135±8 (ON : 87±15)

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8

7. Capacity Tables

7.1 Cooling Capacity

FXMQ-MA **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
200	10.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	29.4	17.8
	12.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	29.0	17.6
	14.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	28.7	17.4
	16.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	28.3	17.2
	18.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.9	16.9
	20.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.5	16.7
	21.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.8	17.6	27.4	16.6
	23.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.4	17.3	27.0	16.4
	25.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	26.1	17.1	26.6	16.2
	27.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	25.7	16.8	26.2	16.1
	29.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	25.3	16.6	25.8	15.9
	31.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	24.9	16.4	25.4	15.7
	33.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.8	17.0	24.5	16.3	25.0	15.6
	35.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.6	17.0	24.2	16.1	24.6	15.4
	37.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	23.2	16.8	23.8	16.0	24.3	15.3
	39.0	15.1	13.4	18.0	14.9	21.0	16.3	22.4	16.8	22.8	16.6	23.4	15.8	23.9	15.1
250	10.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	36.8	22.1
	12.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	36.3	21.8
	14.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	35.9	21.6
	16.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	35.4	21.3
	18.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.9	21.0
	20.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.4	20.7
	21.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.5	22.1	34.2	20.6
	23.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	33.0	21.7	33.7	20.3
	25.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	32.6	21.5	33.2	20.2
	27.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	32.1	21.2	32.8	20.0
	29.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	31.6	20.9	32.3	19.9
	31.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	31.1	20.6	31.8	19.7
	33.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.8	21.2	30.6	20.4	31.3	19.5
	35.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.5	21.1	30.2	20.2	30.8	19.4
	37.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	20.9	29.0	20.9	29.7	20.0	30.4	19.2
	39.0	18.9	16.9	22.5	18.5	26.2	20.4	28.0	21.0	28.5	20.6	29.2	19.8	29.9	19.0

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXMQ-MA **[50/60Hz] Heating capacity**

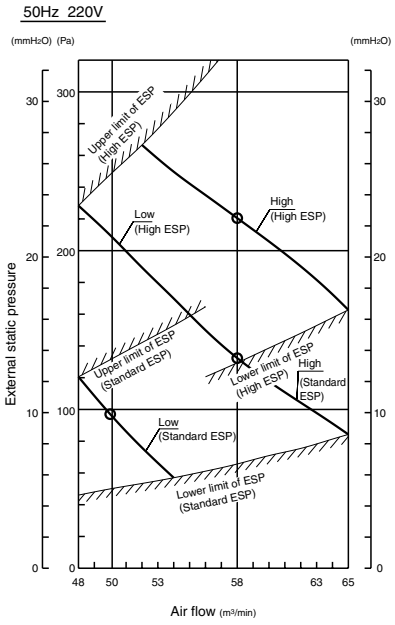
Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
200	-19.8	-20.0	14.8	14.7	14.7	14.7	14.6	14.6
	-18.8	-19.0	15.2	15.2	15.1	15.1	15.1	15.0
	-16.7	-17.0	16.1	16.0	16.0	16.0	16.0	15.9
	-14.7	-15.0	17.0	16.9	16.9	16.9	16.8	16.8
	-12.6	-13.0	17.9	17.8	17.8	17.7	17.7	17.7
	-10.5	-11.0	18.7	18.7	18.6	18.6	18.6	18.6
	-9.5	-10.0	19.2	19.1	19.1	19.1	19.0	19.0
	-8.5	-9.1	19.6	19.5	19.5	19.5	19.4	19.4
	-7.0	-7.6	20.2	20.2	20.2	20.1	20.1	20.1
	-5.0	-5.6	21.1	21.1	21.0	21.0	21.0	20.9
	-3.0	-3.7	22.0	21.9	21.9	21.9	21.8	21.8
	0.0	-0.7	23.3	23.2	23.2	23.2	23.2	21.8
	3.0	2.2	24.6	24.5	24.5	24.2	23.4	21.8
	5.0	4.1	25.4	25.4	25.0	24.2	23.4	21.8
	7.0	6.0	26.2	26.2	25.0	24.2	23.4	21.8
	9.0	7.9	27.1	26.6	25.0	24.2	23.4	21.8
	11.0	9.8	27.9	26.6	25.0	24.2	23.4	21.8
	13.0	11.8	28.2	26.6	25.0	24.2	23.4	21.8
	15.0	13.7	28.2	26.6	25.0	24.2	23.4	21.8
250	-19.8	-20.0	18.6	18.5	18.5	18.5	18.4	18.4
	-18.8	-19.0	19.2	19.1	19.0	19.0	19.0	18.9
	-16.7	-17.0	20.3	20.2	20.2	20.1	20.1	20.0
	-14.7	-15.0	21.4	21.3	21.3	21.2	21.2	21.2
	-12.6	-13.0	22.5	22.4	22.4	22.4	22.3	22.3
	-10.5	-11.0	23.6	23.6	23.5	23.5	23.4	23.4
	-9.5	-10.0	24.2	24.1	24.1	24.0	24.0	23.9
	-8.5	-9.1	24.7	24.6	24.6	24.5	24.5	24.4
	-7.0	-7.6	25.5	25.4	25.4	25.4	25.3	25.3
	-5.0	-5.6	26.6	26.6	26.5	26.5	26.4	26.4
	-3.0	-3.7	27.7	27.6	27.6	27.5	27.5	27.5
	0.0	-0.7	29.3	29.3	29.2	29.2	29.2	27.5
	3.0	2.2	31.0	30.9	30.8	30.5	29.5	27.5
	5.0	4.1	32.0	32.0	31.5	30.5	29.5	27.5
	7.0	6.0	33.1	33.0	31.5	30.5	29.5	27.5
	9.0	7.9	34.1	33.5	31.5	30.5	29.5	27.5
	11.0	9.8	35.2	33.5	31.5	30.5	29.5	27.5
	13.0	11.8	35.5	33.5	31.5	30.5	29.5	27.5
	15.0	13.7	35.5	33.5	31.5	30.5	29.5	27.5

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Fan Performances

8.1 50Hz

FXMQ200MAVE



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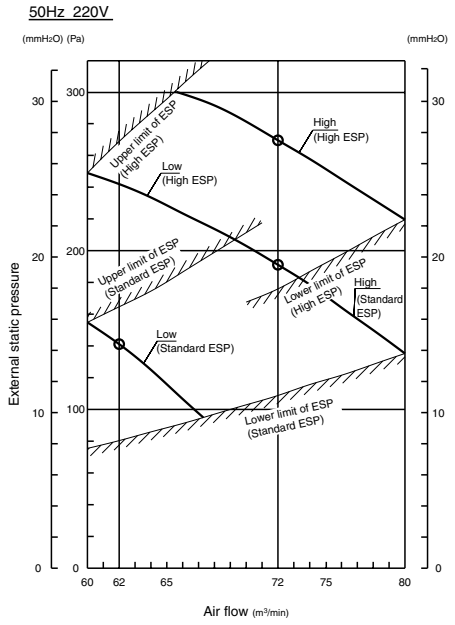
FXMQ250MAVE



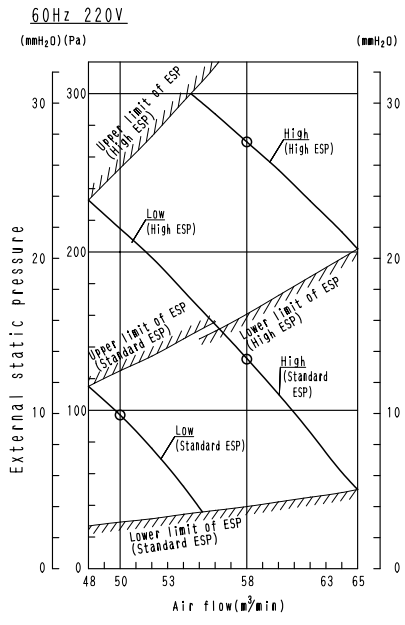
3D035173

Notes:

1. The remote controller can be used to switch between "high" and "low".
2. The air flow is set to "standard" before leaving the factory. It is possible to switch between "standard ESP" and "high ESP" by changing the switch in the indoor unit electrical box.

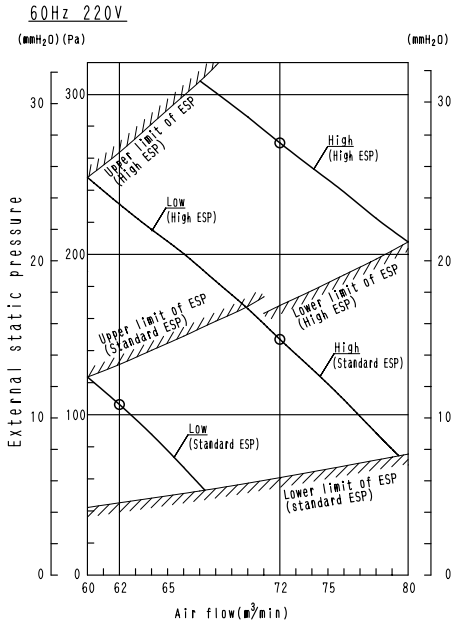
8.2 60Hz

FXMQ200MAVE



3D035172

FXMQ250MAVE



C: 3D035173

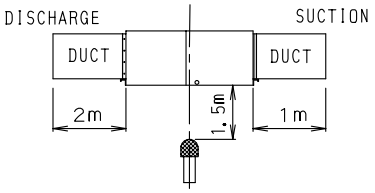
Notes:

1. The remote controller can be used to switch between "high" and "low".
2. The air flow is set to "standard" before leaving the factory. It is possible to switch between "standard ESP" and "high ESP" by changing the switch in the indoor unit electrical box.

9. Sound Levels

Overall

Location of microphone



dB(A)

Model	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXMQ200MAVE FXMQ250MAVE	48	45	49	46

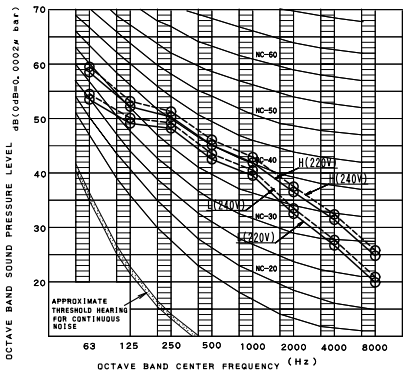
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

Octave Band Level

○——○ 220V, 50/60Hz
○- - - -○ 240V, 50Hz

FXMQ200MAVE



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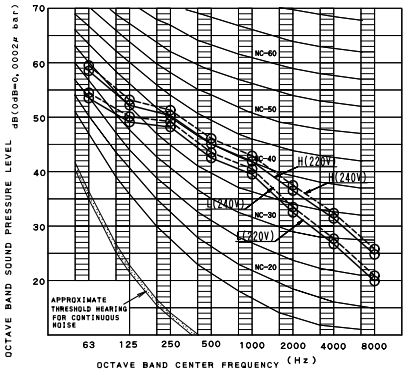
FXMQ250MAVE



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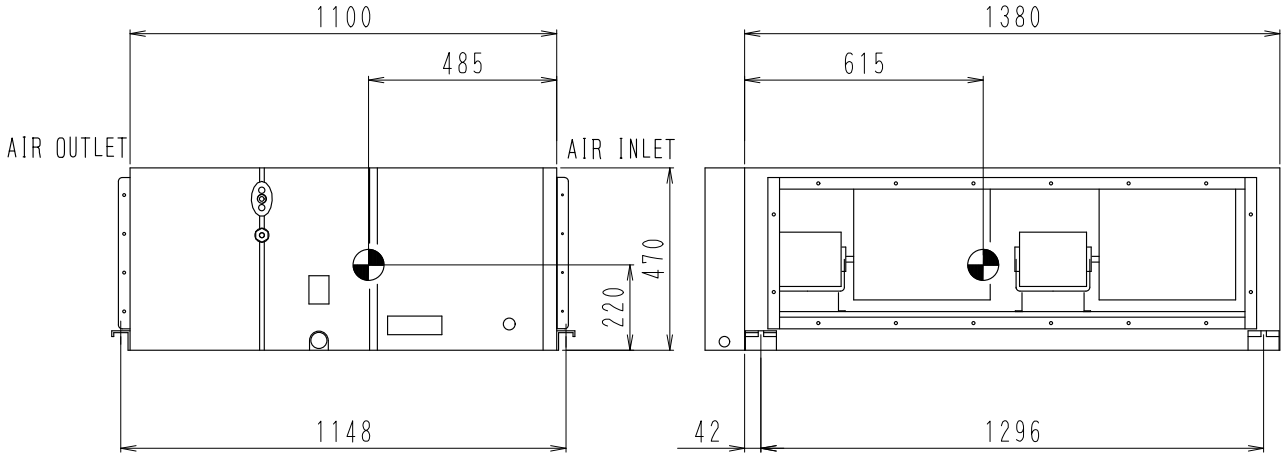
10. Centre of Gravity

FXMQ200MAVE / FXMQ250MAVE

Unit (mm)



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8

11. Accessories

11.1 Optional Accessories (for Unit)

Model		FXMQ200MAVE	FXMQ250MAVE
Drain pump kit		KDU30L250VE	
High efficiency filter	65%	KAFJ372L280	
	90%	KAFJ373L280	
Filter chamber		KDJ3705L280	
Long life replacement filter		KAFJ371L280	

3D040334B

11.2 Optional Accessories (for Controls)

Refer to page 512.

FXHQ-MA
Ceiling Suspended Type

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9

1. Specifications

Ceiling suspended type

Model			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	3,200	6,300	10,000
		Btu/h	12,600	24,900	39,600
		kW	3.7	7.3	11.6
★2 ★4 Cooling capacity (19.0°CWB)		kW	3.6	7.1	11.2
★3 ★4 Heating capacity		kcal/h	3,400	6,900	10,800
		Btu/h	13,600	27,300	42,700
		kW	4.0	8.0	12.5
Casing colour			White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
Dimensions: (H×W×D)		mm	195×960×680	195×1,160×680	195×1,400×680
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×12×1.75	3×12×1.75	3×12×1.75
	Face area	m²	0.182	0.233	0.293
Fan	Model		3D12K1AA1	4D12K1AA1	3D12K2AA1
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	62×1	62×1	130×1
	Airflow rate (H/L)	m³/min	12/10	17.5/14	25/19.5
		l/s	200/166	291/233	416/325
		cfm	424/353	618/494	883/688
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool	Glass wool	Glass wool
Air filter			Resin net (with mold resistant)	Resin net (with mold resistant)	Resin net (with mold resistant)
Piping Connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass (Weight)		kg	24	28	33
★5 Sound level (H/L)		dB(A)	36/31	39/34	45/37
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.	Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.	Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.
Drawing No.			C: 3D038815A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 158 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

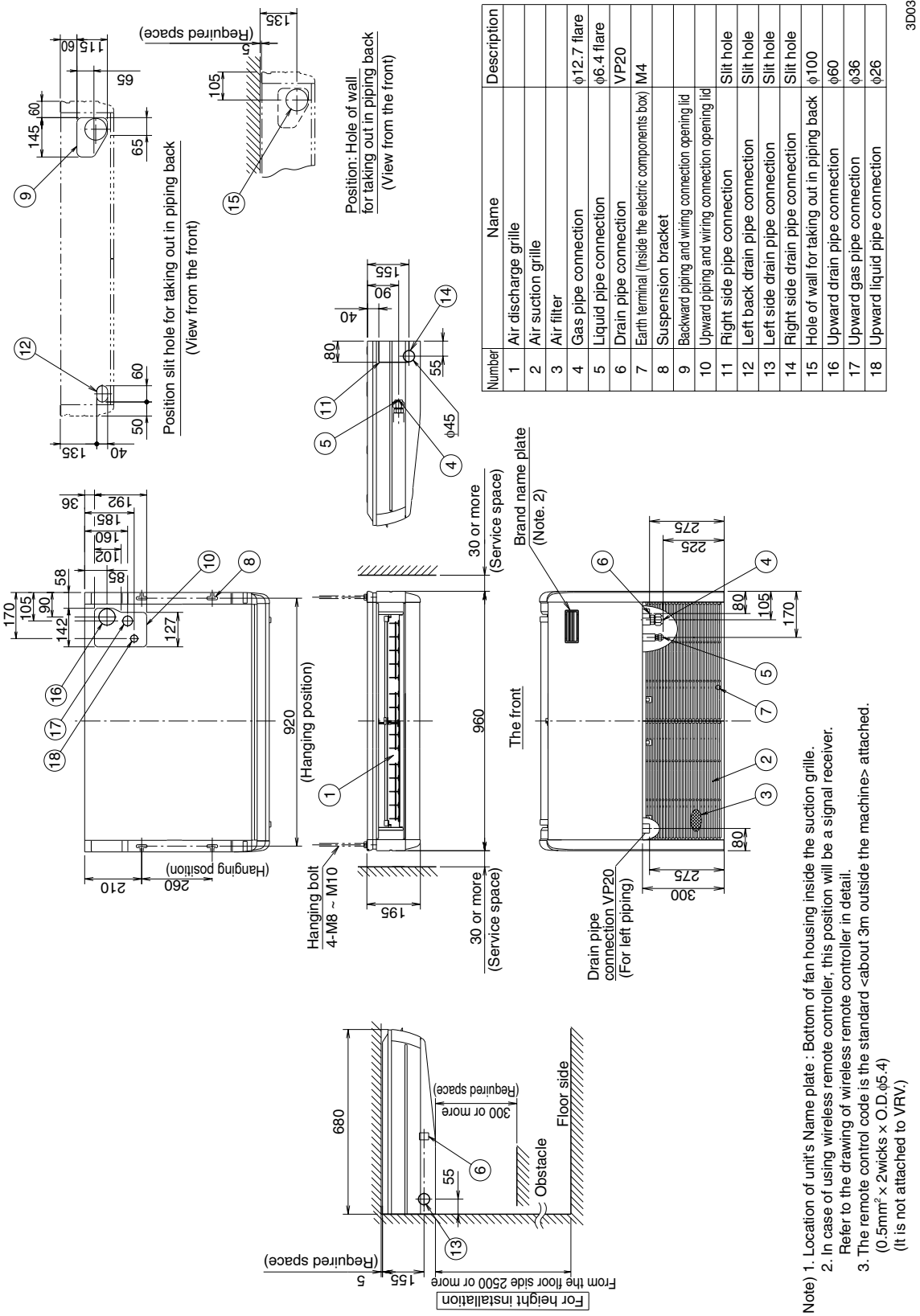
2. Dimensions

FXHQ32MAVE

Unit (mm)

3D038855

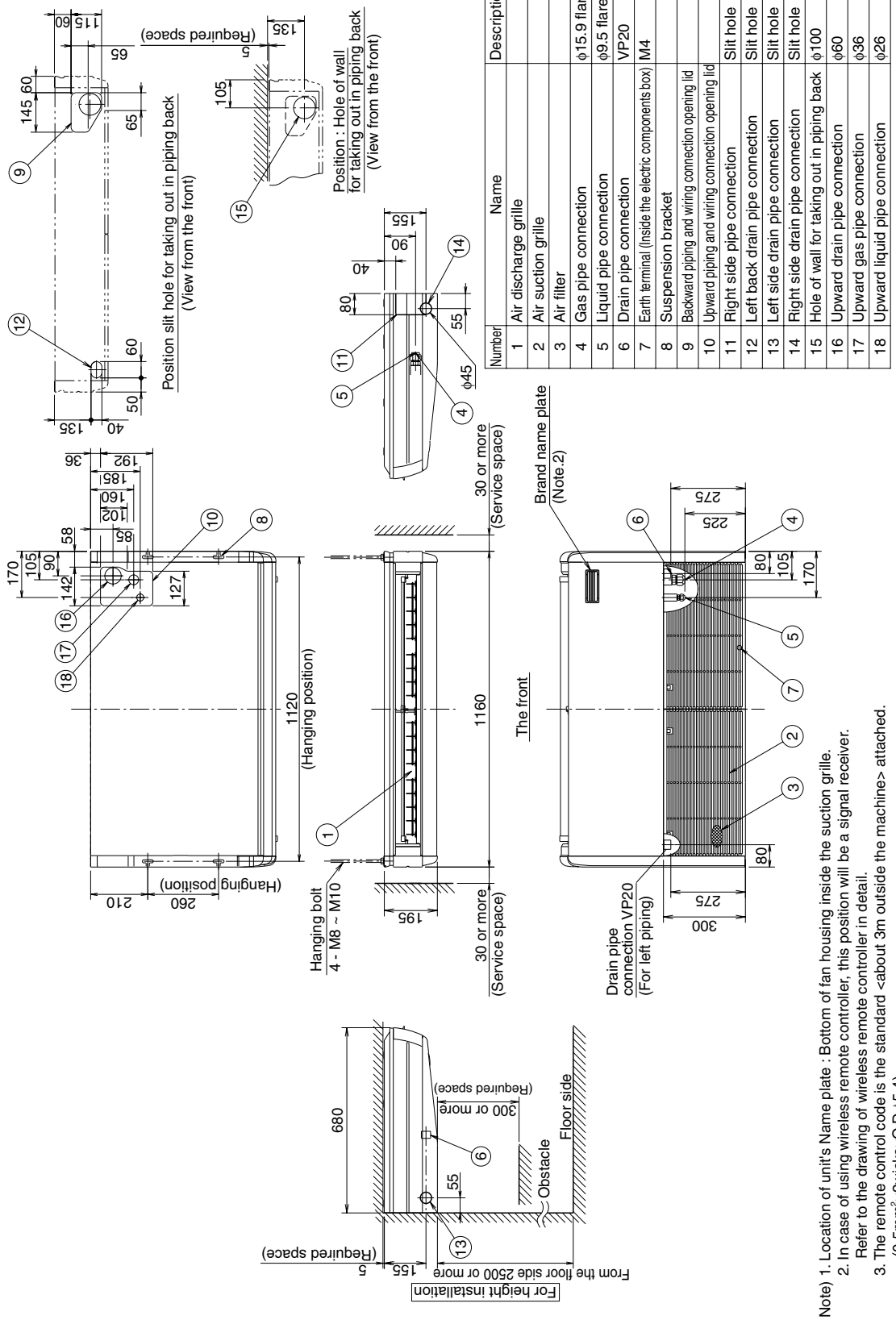
Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	ϕ12.7 flare
5	Liquid pipe connection	ϕ6.4 flare
6	Drain pipe connection	VP20
7	Earth terminal (Inside the electric components box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	ϕ100
16	Upward drain pipe connection	ϕ60
17	Upward gas pipe connection	ϕ36
18	Upward liquid pipe connection	ϕ26



Note) 1. Location of unit's Name plate : Bottom of fan housing inside the suction grille.
2. In case of using wireless remote controller, this position will be a signal receiver.
Refer to the drawing of wireless remote controller in detail.
3. The remote control code is the standard <about 3m outside the machine> attached.
(0.5mm^2 × 2wicks × O.D.ϕ5.4)
(It is not attached to VRV.)

FXHQ63MAVE

Unit (mm)

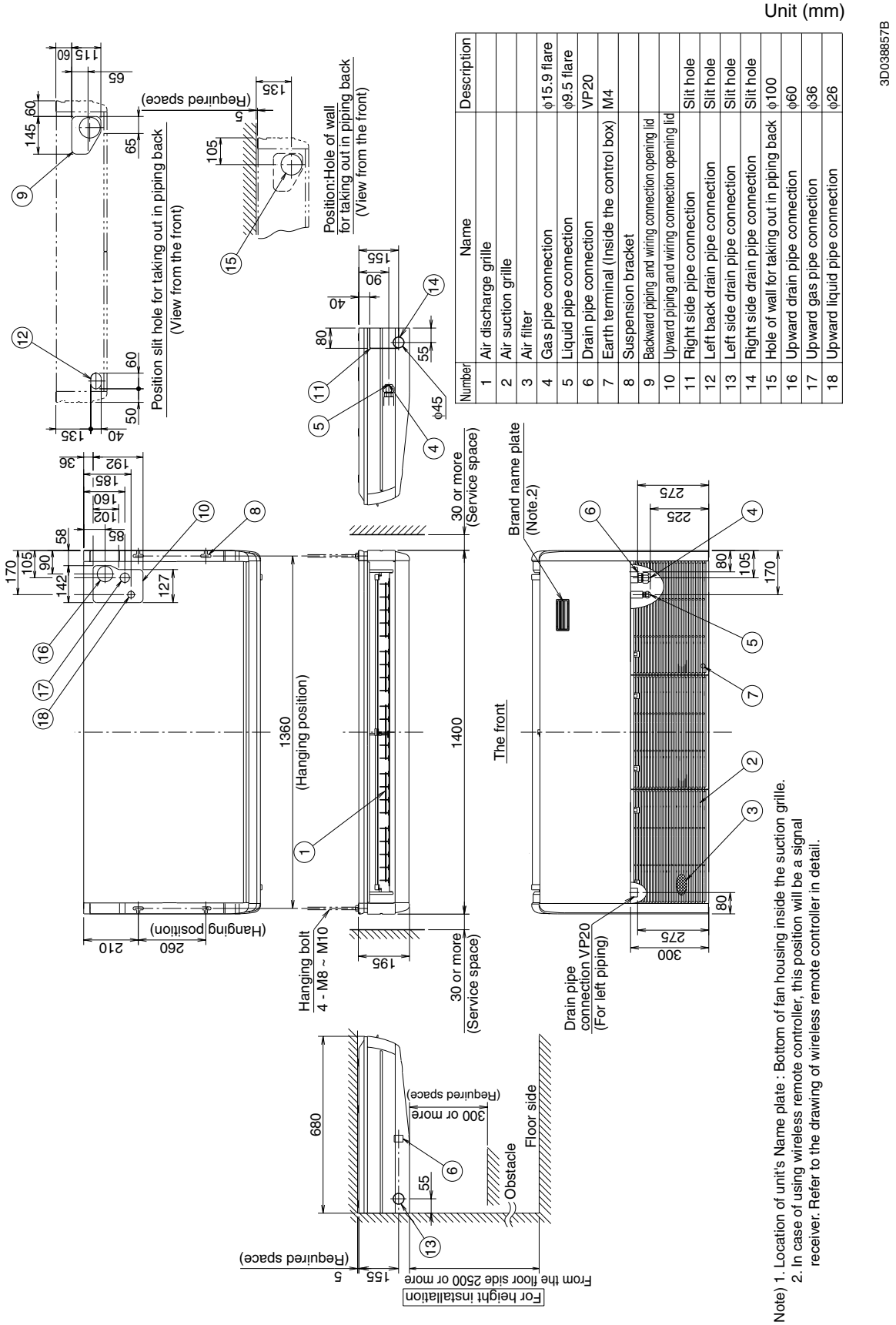


Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	ϕ15.9 flare
5	Liquid pipe connection	ϕ9.5 flare
6	Drain pipe connection	VP20
7	Earth terminal (Inside the electric components box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	ϕ100
16	Upward drain pipe connection	ϕ60
17	Upward gas pipe connection	ϕ36
18	Upward liquid pipe connection	ϕ26

Note) 1. Location of unit's Name plate : Bottom of fan housing inside the suction grille.
2. In case of using wireless remote controller, this position will be a signal receiver.
Refer to the drawing of wireless remote controller in detail.
3. The remote control code is the standard <about 3m outside the machine> attached.
(0.5mm^2×2wicks×O.D.ϕ5.4)
(It is not attached to VRV.)

FXHQ100MAVE

Unit (mm)

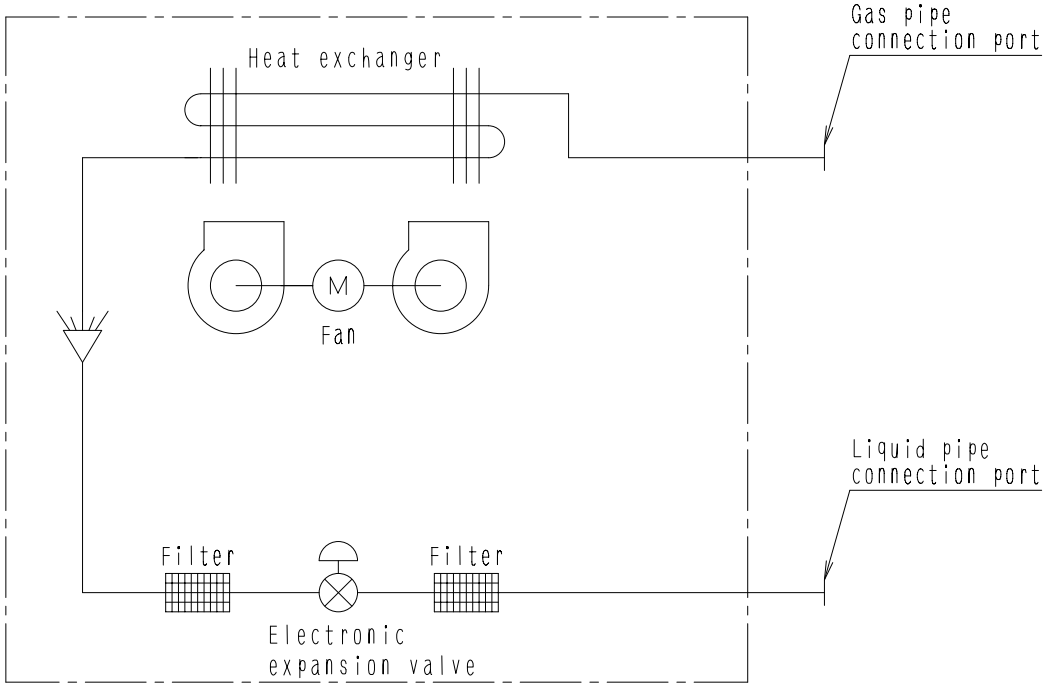


Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	ϕ15.9 flare
5	Liquid pipe connection	ϕ9.5 flare
6	Drain pipe connection	VP20
7	Earth terminal (Inside the control box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	ϕ100
16	Upward drain pipe connection	ϕ60
17	Upward gas pipe connection	ϕ36
18	Upward liquid pipe connection	ϕ26

Note) 1. Location of unit's Name plate : Bottom of fan housing inside the suction grille.
2. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.

9

3. Piping Diagrams



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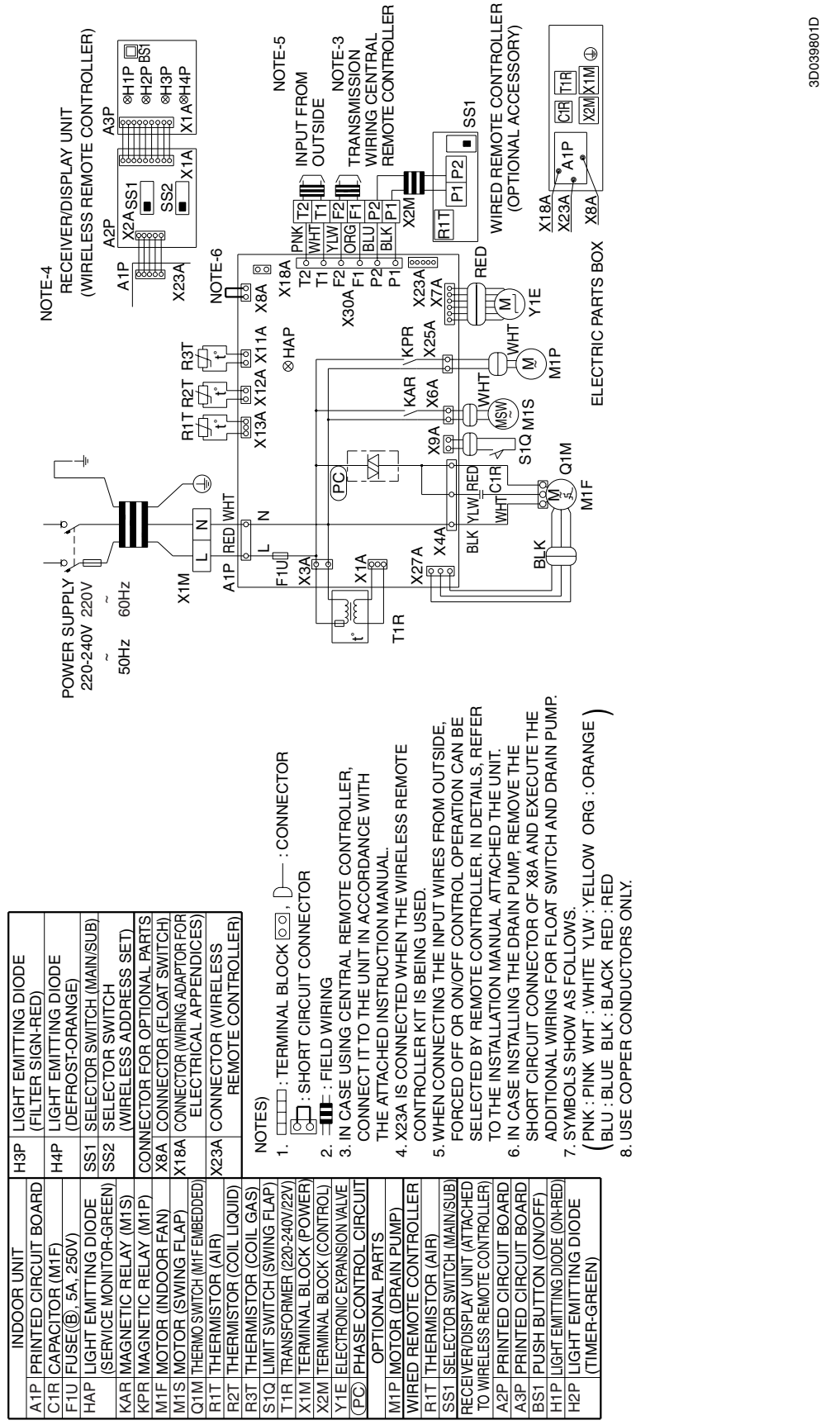
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXHQ32MAVE	ϕ12.7	ϕ6.4
FXHQ63MAVE / FXHQ100MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXHQ32MAVE / FXHQ63MAVE / FXHQ100MAVE



5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXHQ32MAVE	50	220-240	MAX. 264 Min. 198	0.8	15	0.062	0.6	111	111
FXHQ63MAVE				0.8	15	0.062	0.6	115	115
FXHQ100MAVE				0.9	15	0.130	0.7	135	135
FXHQ32MAVE	60	220	MAX. 242 Min. 198	0.9	15	0.062	0.7	142	142
FXHQ63MAVE				0.9	15	0.062	0.7	145	145
FXHQ100MAVE				1.3	15	0.130	1.0	199	199

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

C: 4D035304C

6. Safety Devices Setting

Model		FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
PC board fuse		250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–
Fan motor thermal protector	°C	OFF : 130±5 ON : 80±20	OFF : 130±5 ON : 80±20	OFF : 130±5 ON : 80±20

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7. Capacity Tables

7.1 Cooling Capacity

FXHQ-MA **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
32	10.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.7	3.1
	12.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.7	3.0
	14.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.6	3.0
	16.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.6	3.0
	18.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.5	2.9
	20.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	2.9
	21.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.3	3.0	4.4	2.9
	23.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.2	3.0	4.3	2.8
	25.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.2	2.9	4.3	2.8
	27.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.8
	29.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.1	2.9	4.2	2.7
	31.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	4.0	2.8	4.1	2.7
	33.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	3.9	2.8	4.0	2.7
	35.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.8	2.9	3.9	2.8	4.0	2.7
	37.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.9	3.8	2.8	3.9	2.7
	39.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.9	3.8	2.7	3.8	2.6
63	10.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.3	5.6
	12.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.2	5.5
	14.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.1	5.4
	16.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.0	5.3
	18.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.8	5.3
	20.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2
	21.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2
	23.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.4	5.4	8.5	5.1
	25.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.3	5.4	8.4	5.1
	27.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.1	5.3	8.3	5.0
	29.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.0	5.2	8.2	5.0
	31.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.9	5.1	8.1	4.9
	33.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.8	5.1	7.9	4.9
	35.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.5	5.3	7.7	5.1	7.8	4.8
	37.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.4	5.2	7.5	5.0	7.7	4.8
	39.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.2	5.1	7.4	5.0	7.6	4.7
100	10.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.7	8.7
	12.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.5	8.5
	14.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.4	8.4
	16.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.2	8.3
	18.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	14.0	8.2
	20.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	13.8	8.1
	21.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.4	8.5	13.7	8.0
	23.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.2	8.3	13.5	7.9
	25.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	13.0	8.2	13.3	7.8
	27.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.8	8.1	13.1	7.7
	29.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.6	8.0	12.9	7.6
	31.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.4	7.9	12.7	7.6
	33.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.9	8.1	12.2	7.8	12.5	7.5
	35.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.8	8.1	12.1	7.7	12.3	7.4
	37.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.6	8.0	11.9	7.7	12.2	7.3
	39.0	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.4	7.9	11.7	7.6	12.0	7.2

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXHQ-MA **[50/60Hz] Heating capacity**

Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0
100	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
	-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
	-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
	-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
	-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
	-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
	-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
	-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
	-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
	-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
	-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
	0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
	3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
	5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
	7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
	9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
	11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
	13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
	15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

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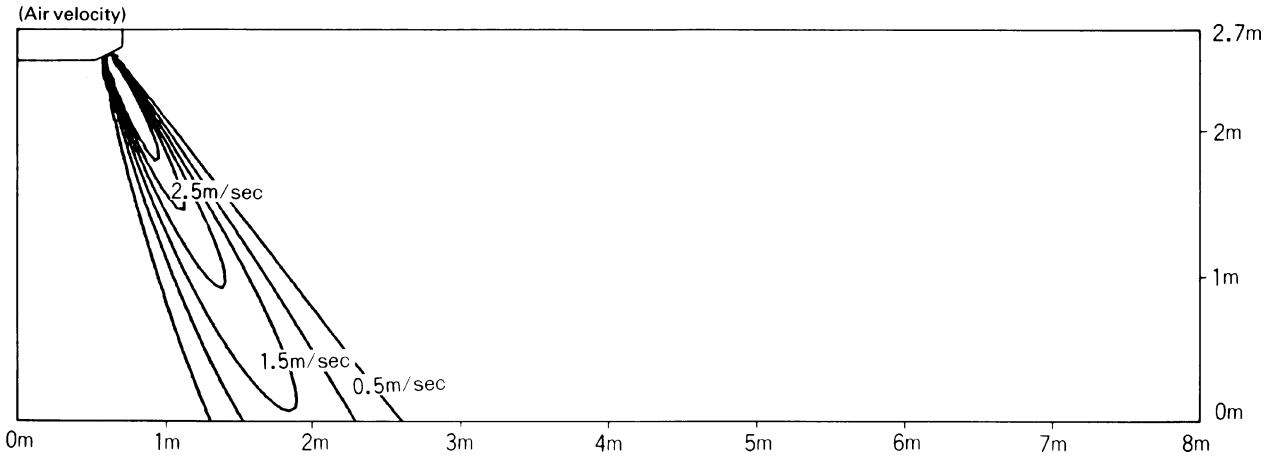
8. Air Velocity and Temperature Distributions (Reference Data)

FXHQ100MAVE

(Heating · Air velocity distribution)

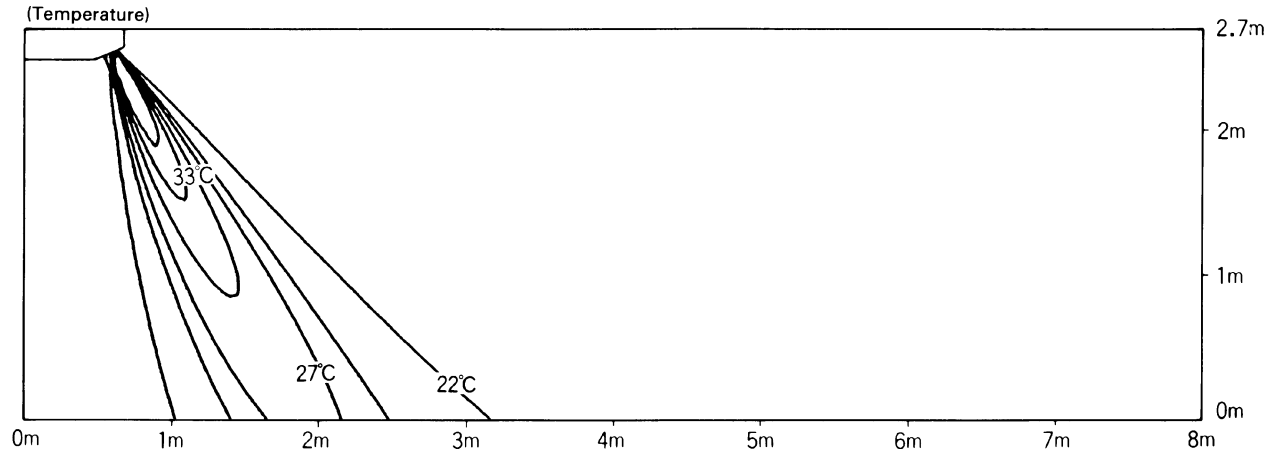
Centre airflow



FXHQ100MAVE

(Heating · Temperature distribution)

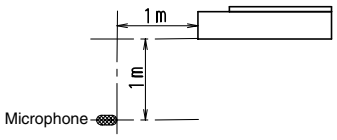
Centre airflow



9. Sound Levels

Overall

Location of microphone



dB(A)

Model	220-240/220V, 50/60Hz	
	H	L
FXHQ32MAVE	36	31
FXHQ63MAVE	39	34
FXHQ100MAVE	45	37

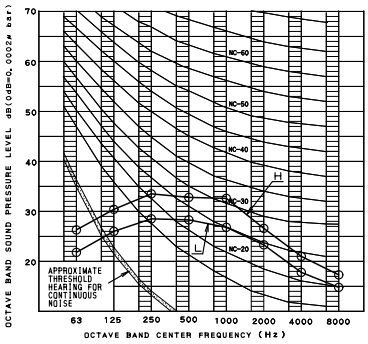
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

Octave Band Level

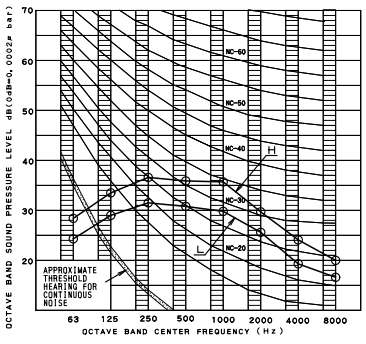
○——○ 220-240/220V, 50/60Hz

FXHQ32MAVE



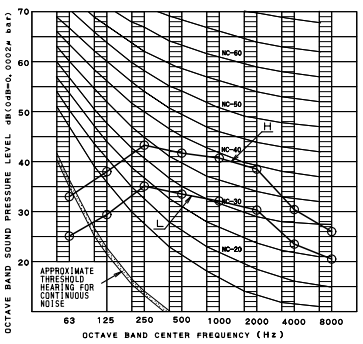
4D035301

FXHQ63MAVE



4D035302

FXHQ100MAVE



4D035303A

9

10. Accessories

10.1 Optional Accessories (for Unit)

Model	FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Drain pump kit	KDU50N60VE	KDU50N125VE	
Replacement long-life filter (Resin net)	KAF501DA56	KAF501DA80	KAF501DA112
L-type piping kit (for upward direction)	KHFP5MA63	KHFP5MA160	

4D040446B

10.2 Optional Accessories (for Controls)

Refer to page 512.

FXAQ-MA
Wall Mounted Type

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10

1. Specifications

Wall mounted type

Model			FXAQ20MAVE	FXAQ25MAVE	FXAQ32MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200
		Btu/h	7,800	9,900	12,600
		kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400
		Btu/h	8,500	10,900	13,600
		kW	2.5	3.2	4.0
Casing colour			White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)
Dimensions: (H×W×D)		mm	290×795×230	290×795×230	290×795×230
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×14×1.4	2×14×1.4	2×14×1.4
	Face area	m²	0.161	0.161	0.161
Fan	Model		QCL9661M	QCL9661M	QCL9661M
	Type		Cross flow fan	Cross flow fan	Cross flow fan
	Motor output × Number of units	W	40×1	40×1	40×1
	Airflow rate (H/L)	m³/min	7.5/4.5	8/5	9/5.5
		l/s	125/75	133/83	150/91
		cfm	265/159	282/177	318/194
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene
Air filter			Resin net (Washable)	Resin net (Washable)	Resin net (Washable)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)
Mass (Weight)		kg	11	11	11
★5 Sound level (H/L)		dB(A)	35/29	36/29	37/29
Safety devices			Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.
Drawing No.			C: 3D039370B		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length :7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 173 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Wall mounted type

Model			FXAQ40MAVE	FXAQ50MAVE	FXAQ63MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	4,000	5,000	6,300
		Btu/h	16,000	19,800	24,900
		kW	4.7	5.8	7.3
★2 ★4 Cooling capacity (19.0°CWB)		kW	4.5	5.6	7.1
★3 ★4 Heating capacity		kcal/h	4,300	5,400	6,900
		Btu/h	17,000	21,500	27,300
		kW	5.0	6.3	8.0
Casing colour			White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)
Dimensions: (H×W×D)		mm	290×1,050×230	290×1,050×230	290×1,050×230
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×14×1.4	2×14×1.4	2×14×1.4
	Face area	m²	0.213	0.213	0.213
Fan	Model		QCL9686M	QCL9686M	QCL9686M
	Type		Cross flow fan	Cross flow fan	Cross flow fan
	Motor output × Number of units	W	43×1	43×1	43×1
	Airflow rate (H/L)	m³/min	12/9	15/12	19/14
		l/s	200/150	250/200	316/233
		cfm	424/318	530/424	671/494
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene
Air filter			Resin net (Washable)	Resin net (Washable)	Resin net (Washable)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)
Mass (Weight)		kg	14	14	14
★5 Sound level (H/L)		dB(A)	39/34	42/36	46/39
Safety devices			Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.
Drawing No.			C: 3D039370B		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 173 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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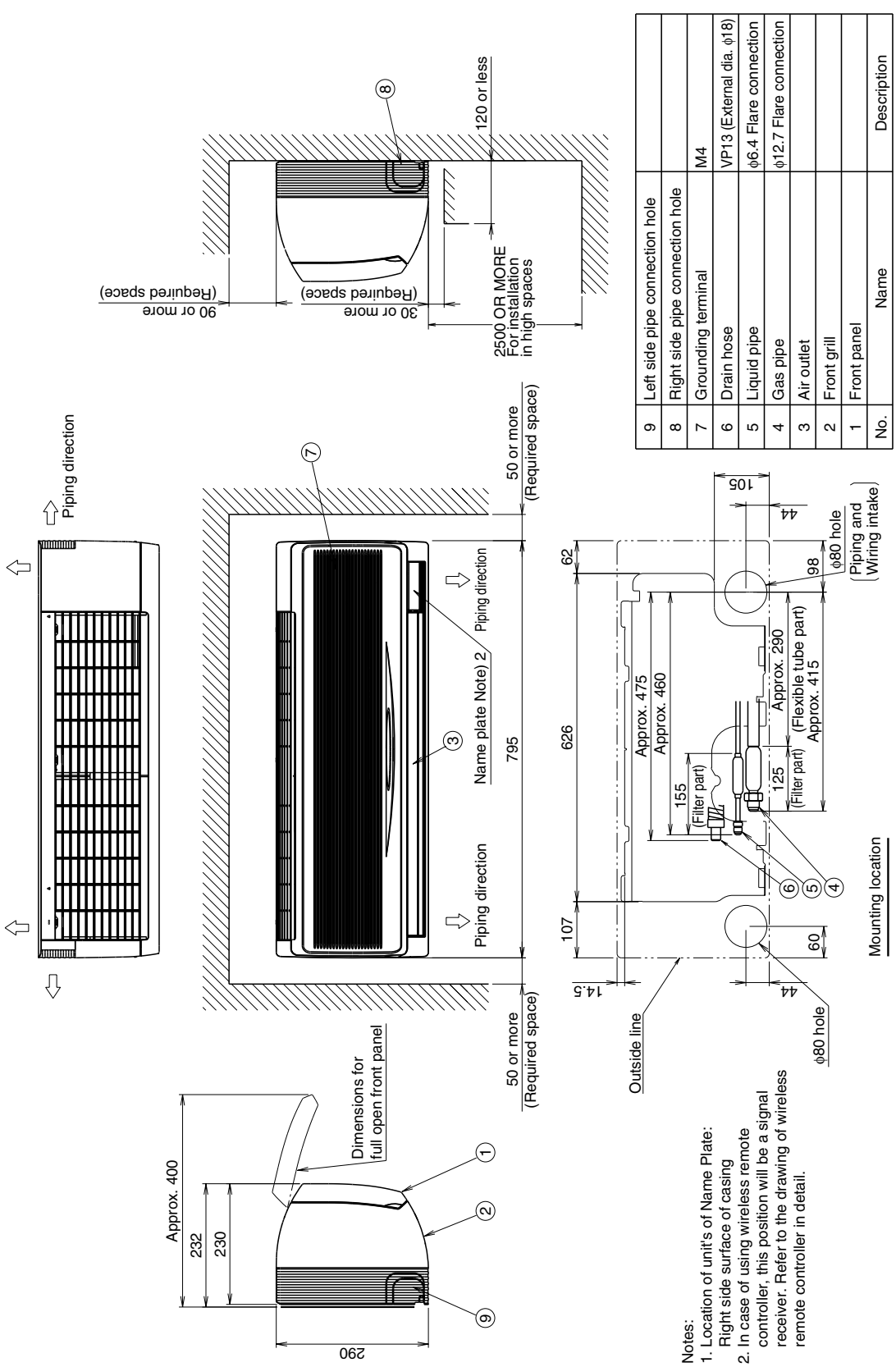
2. Dimensions

FXAQ20MAVE / FXAQ25MAVE / FXAQ32MAVE

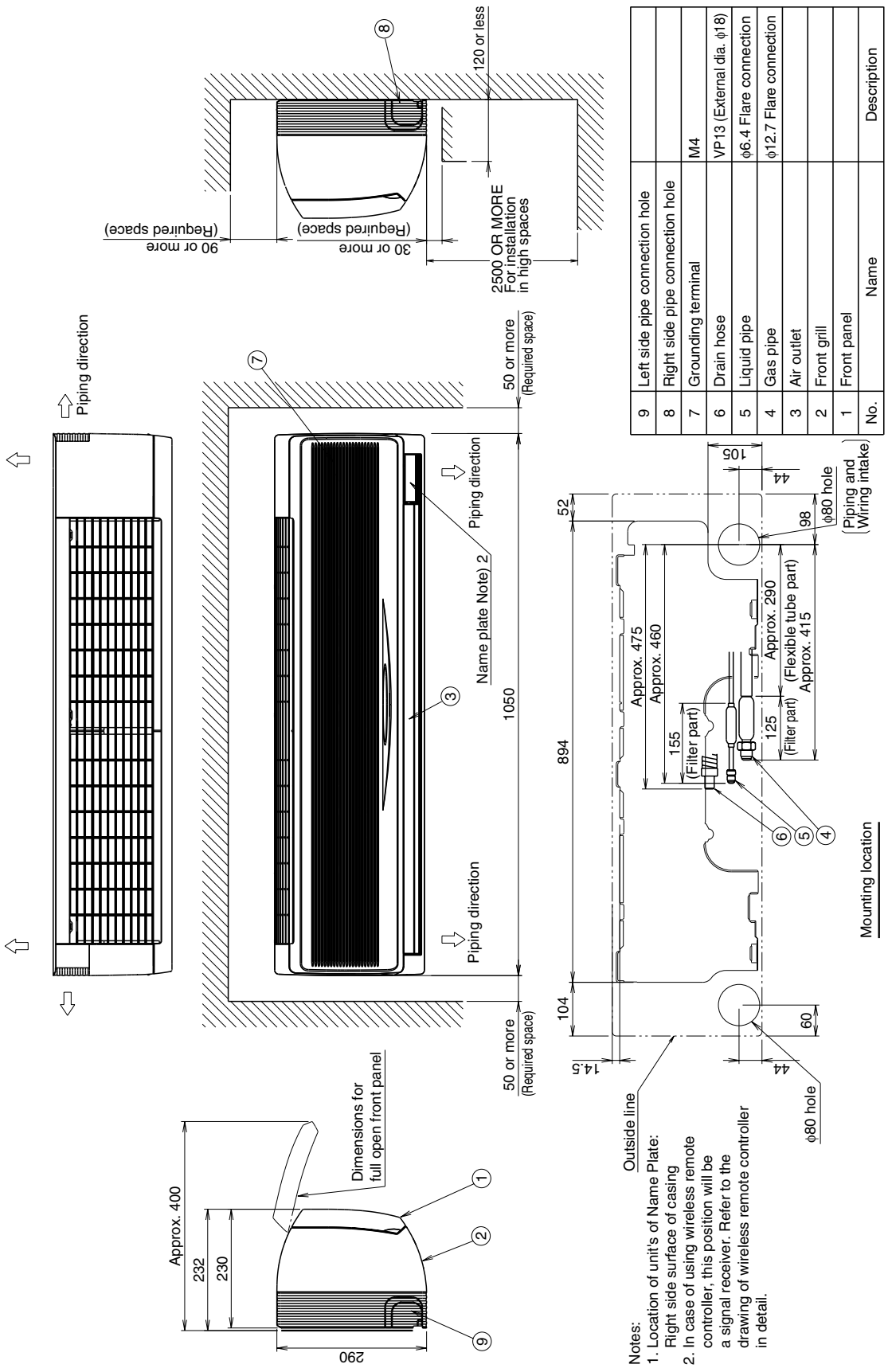
Unit (mm)



No.	Name	Description
1	Front panel	
2	Front grill	
3	Air outlet	
4	Gas pipe	ϕ12.7 Flare connection
5	Liquid pipe	ϕ6.4 Flare connection
6	Drain hose	VP13 (External dia. ϕ18)
7	Grounding terminal	M4
8	Right side pipe connection hole	
9	Left side pipe connection hole	

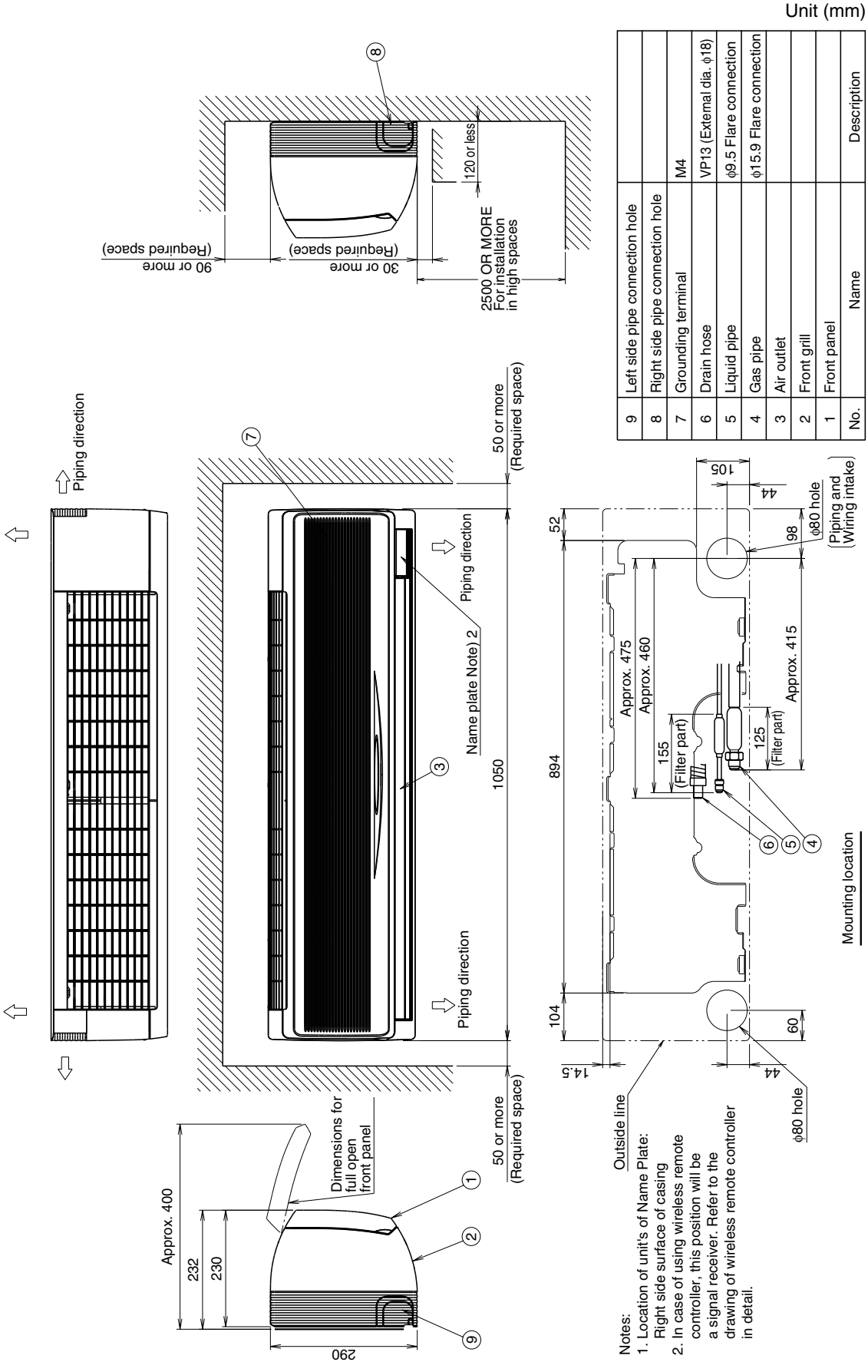
FXAQ40MAVE / FXAQ50MAVE

Unit (mm)



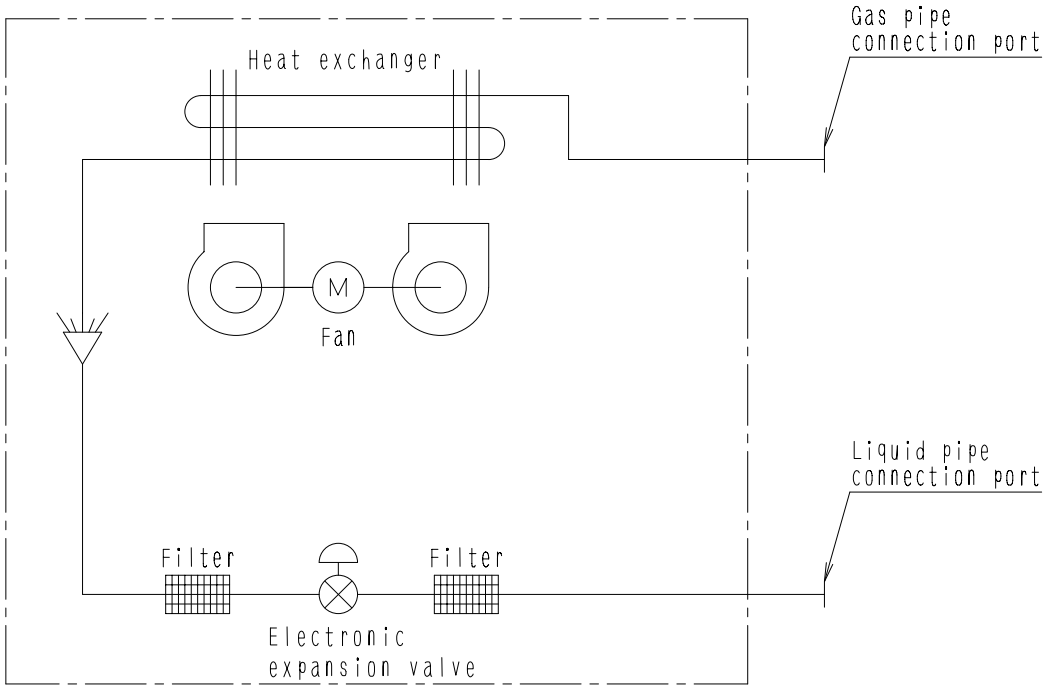
FXAQ63MAVE

Unit (mm)



No.	Name	Description
9	Left side pipe connection hole	
8	Right side pipe connection hole	
7	Grounding terminal	M4
6	Drain hose	VP13 (External dia. φ18)
5	Liquid pipe	φ9.5 Flare connection
4	Gas pipe	φ15.9 Flare connection
3	Air outlet	
2	Front grill	
1	Front panel	

3. Piping Diagrams



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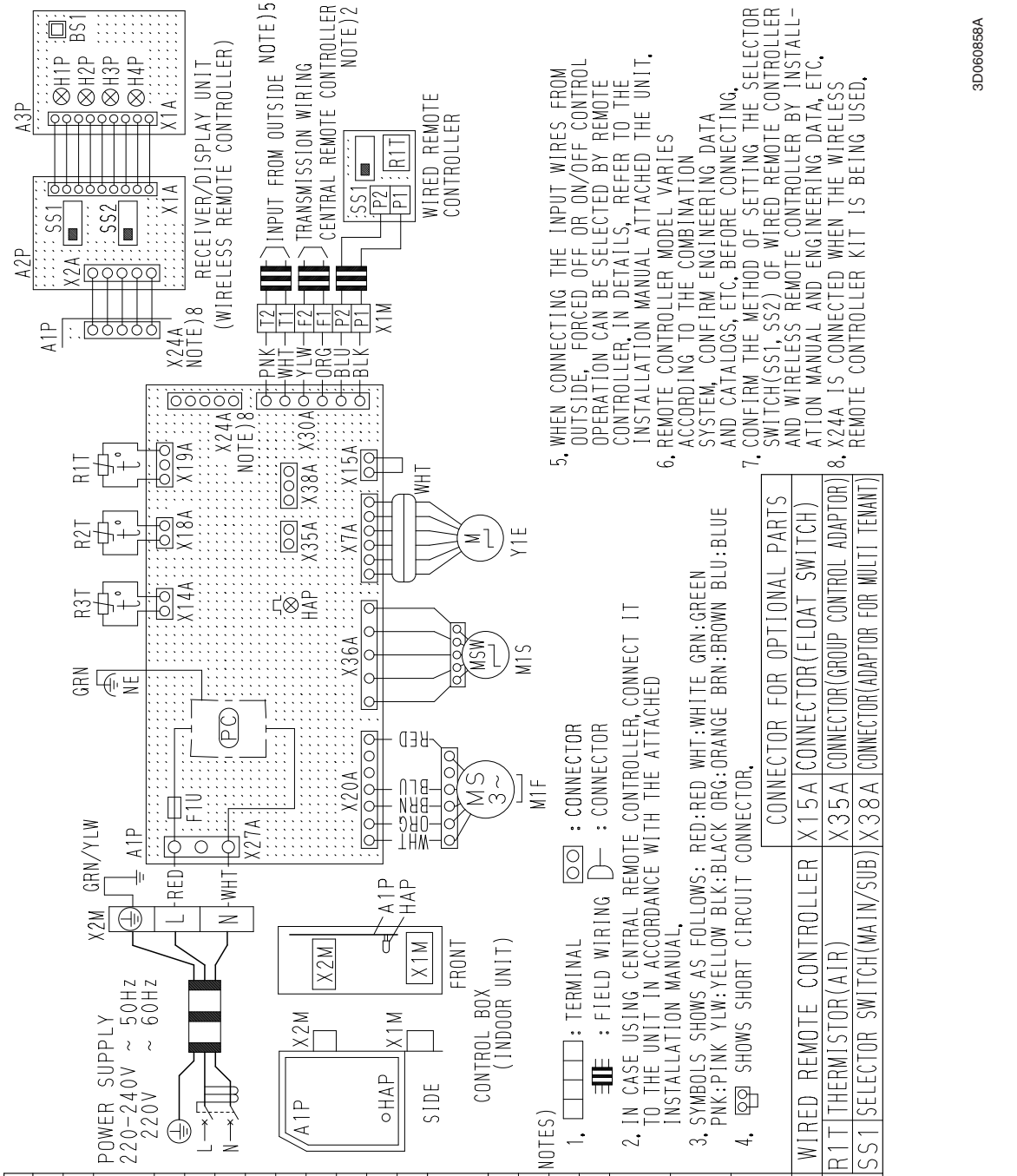
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXAQ20MAVE / FXAQ25MAVE / FXAQ32MAVE / FXAQ40MAVE / FXAQ50MAVE	ϕ12.7	ϕ6.4
FXAQ63MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXAQ20MAVE / FXAQ25MAVE / FXAQ32MAVE / FXAQ40MAVE / FXAQ50MAVE / FXAQ63MAVE



5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXAQ20MAVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.040	0.2	16	24
FXAQ25MAVE				0.4	15	0.040	0.3	22	27
FXAQ32MAVE				0.4	15	0.040	0.3	27	32
FXAQ40MAVE				0.4	15	0.043	0.3	20	20
FXAQ50MAVE				0.4	15	0.043	0.3	27	32
FXAQ63MAVE				0.6	15	0.043	0.5	50	60
FXAQ20MAVE	60	220	MAX. 242 Min. 198	0.3	15	0.040	0.2	16	24
FXAQ25MAVE				0.3	15	0.040	0.2	22	27
FXAQ32MAVE				0.4	15	0.040	0.3	27	32
FXAQ40MAVE				0.4	15	0.043	0.3	20	20
FXAQ50MAVE				0.4	15	0.043	0.3	27	32
FXAQ63MAVE				0.6	15	0.043	0.5	50	60

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
MCA = 1.25 X FLA
MFA ≦ 4 X FLA
(Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXAQ20MAVE	FXAQ25MAVE	FXAQ32MAVE	FXAQ40MAVE	FXAQ50MAVE	FXAQ63MAVE
PC board fuse		250V 3A	250V 3A	250V 3A	250V 3A	250V 3A	250V 3A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	–	–	–	–	–	–

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7. Capacity Tables

7.1 Cooling Capacity

FXAQ-MA **[50/60Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	10.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.9	1.9
	12.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.9	1.9
	14.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.8	1.9
	16.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.8	1.9
	18.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
	20.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
	21.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	2.0	2.7	1.9
	23.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	1.9	2.6	1.9
	25.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.6	1.9	2.6	1.9
	27.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.6	1.8
	29.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.5	1.9	2.5	1.8
	31.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	33.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	35.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.4	1.9	2.4	1.8
	37.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.3	1.9	2.3	1.8	2.4	1.7
	39.0	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.2	1.9	2.3	1.8	2.3	1.7
25	10.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.7	2.3
	12.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.6	2.2
	14.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.6	2.3
	16.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.5	2.2
	18.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.5	2.2
	20.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.4	2.2
	21.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.4	2.3	3.4	2.2
	23.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.3	2.3	3.4	2.2
	25.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.3	2.2	3.3	2.2
	27.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.2	2.2	3.3	2.1
	29.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.2	2.2	3.2	2.1
	31.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.1	2.2	3.2	2.1
	33.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.1	2.2	3.1	2.1
	35.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	3.0	2.2	3.0	2.2	3.1	2.1
	37.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	2.9	2.2	3.0	2.1	3.0	2.0
	39.0	1.9	1.8	2.3	2.0	2.6	2.2	2.8	2.2	2.9	2.2	2.9	2.1	3.0	2.0
32	10.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.7	2.8
	12.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.7	2.8
	14.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.6	2.8
	16.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.6	2.8
	18.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.5	2.7
	20.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.4	2.7
	21.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.3	2.8	4.4	2.7
	23.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.2	2.8	4.3	2.7
	25.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.2	2.8	4.3	2.6
	27.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.1	2.7	4.2	2.6
	29.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.1	2.7	4.2	2.6
	31.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	4.0	2.7	4.1	2.6
	33.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	3.9	2.6	4.0	2.5
	35.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.8	2.7	3.9	2.6	4.0	2.5
	37.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.9	2.5
	39.0	2.4	2.2	2.9	2.4	3.4	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.8	2.5
40	10.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.9	3.6
	12.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.8	3.5
	14.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.8	3.5
	16.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.7	3.5
	18.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.6	3.4
	20.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.5	3.4
	21.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.4	3.6	5.5	3.4
	23.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.3	3.6	5.4	3.3
	25.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.2	3.6	5.3	3.3
	27.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.2	3.5	5.3	3.3
	29.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.1	3.5	5.2	3.2
	31.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	5.0	3.4	5.1	3.2
	33.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.8	3.6	4.9	3.4	5.0	3.1
	35.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.7	3.6	4.9	3.4	5.0	3.1
	37.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.7	3.5	4.8	3.3	4.9	3.1
	39.0	3.0	2.9	3.6	3.3	4.2	3.7	4.5	3.5	4.6	3.5	4.7	3.3	4.8	3.0
50	10.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.4	4.4
	12.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.3	4.3
	14.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.2	4.3
	16.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.1	4.3
	18.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	7.0	4.2
	20.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	6.9	4.2
	21.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.7	4.4	6.8	4.2
	23.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.6	4.4	6.7	4.1
	25.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.5	4.3	6.6	4.1
	27.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.4	4.3	6.6	4.0
	29.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.3	4.2	6.5	4.0
	31.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.2	4.2	6.4	3.9
	33.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	6.0	4.3	6.1	4.2	6.3	3.9
	35.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.9	4.3	6.0	4.1	6.2	3.8
	37.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.8	4.3	5.9	4.1	6.1	3.8
	39.0	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.7	4.2	5.8	4.0	6.0	3.8

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
63	10.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.3	5.3
	12.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.2	5.3
	14.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.1	5.2
	16.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	9.0	5.2
	18.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.8	5.2
	20.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.7	5.1
	21.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.5	5.6	8.7	5.1
	23.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.4	5.5	8.5	5.0
	25.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.3	5.5	8.4	5.0
	27.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.1	5.4	8.3	4.9
	29.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	8.0	5.4	8.2	4.9
	31.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	7.9	5.3	8.1	4.8
	33.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.6	5.4	7.8	5.2	7.9	4.8
	35.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.5	5.4	7.7	5.2	7.8	4.7
	37.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.4	5.3	7.5	5.1	7.7	4.7
	39.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.2	5.3	7.4	5.1	7.6	4.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

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7.2 Heating Capacity

FXAQ-MA [50/60Hz] Heating capacity

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5

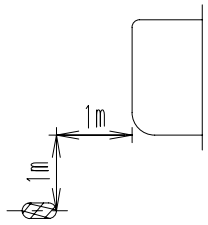
Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Sound Levels

Overall

Location of microphone



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

dB(A)

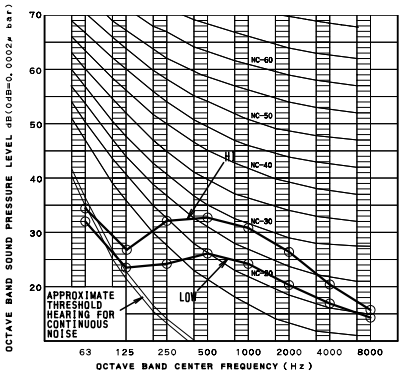
Model	220-240/220V, 50/60Hz	
	H	L
FXAQ20MAVE	35	29
FXAQ25MAVE	36	29
FXAQ32MAVE	37	29
FXAQ40MAVE	39	34
FXAQ50MAVE	42	36
FXAQ63MAVE	46	39

10

Octave Band Level

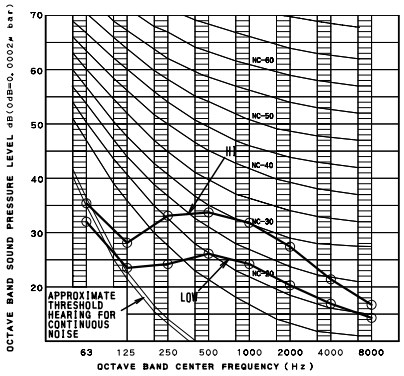
○——○ 220-240/220V, 50/60Hz

FXAQ20MAVE



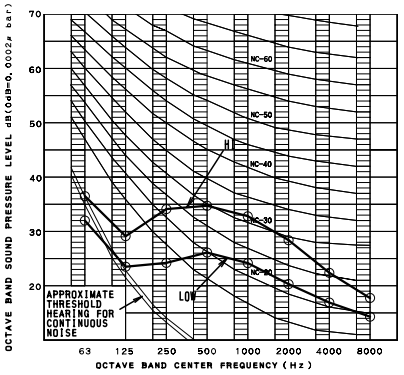
4D037087E

FXAQ25MAVE



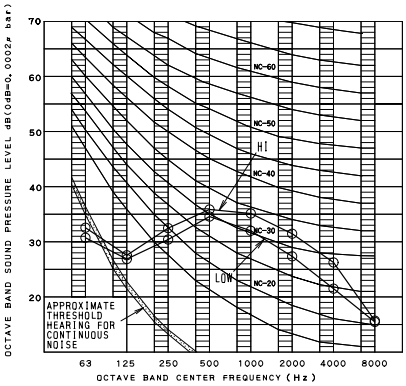
4D037088E

FXAQ32MAVE



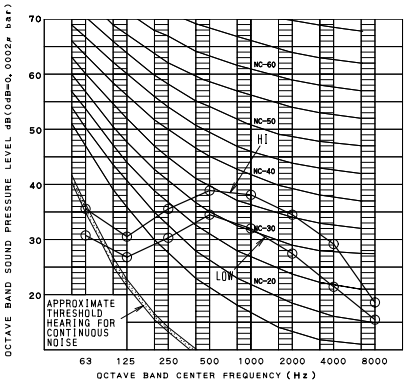
4D037089E

FXAQ40MAVE



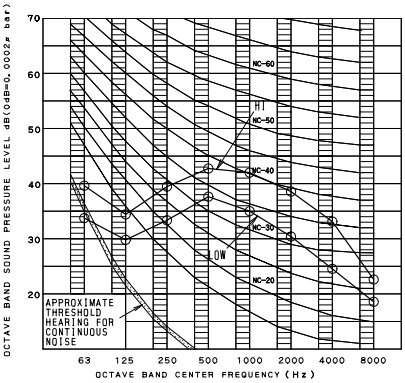
4D038513A

FXAQ50MAVE



4D038514A

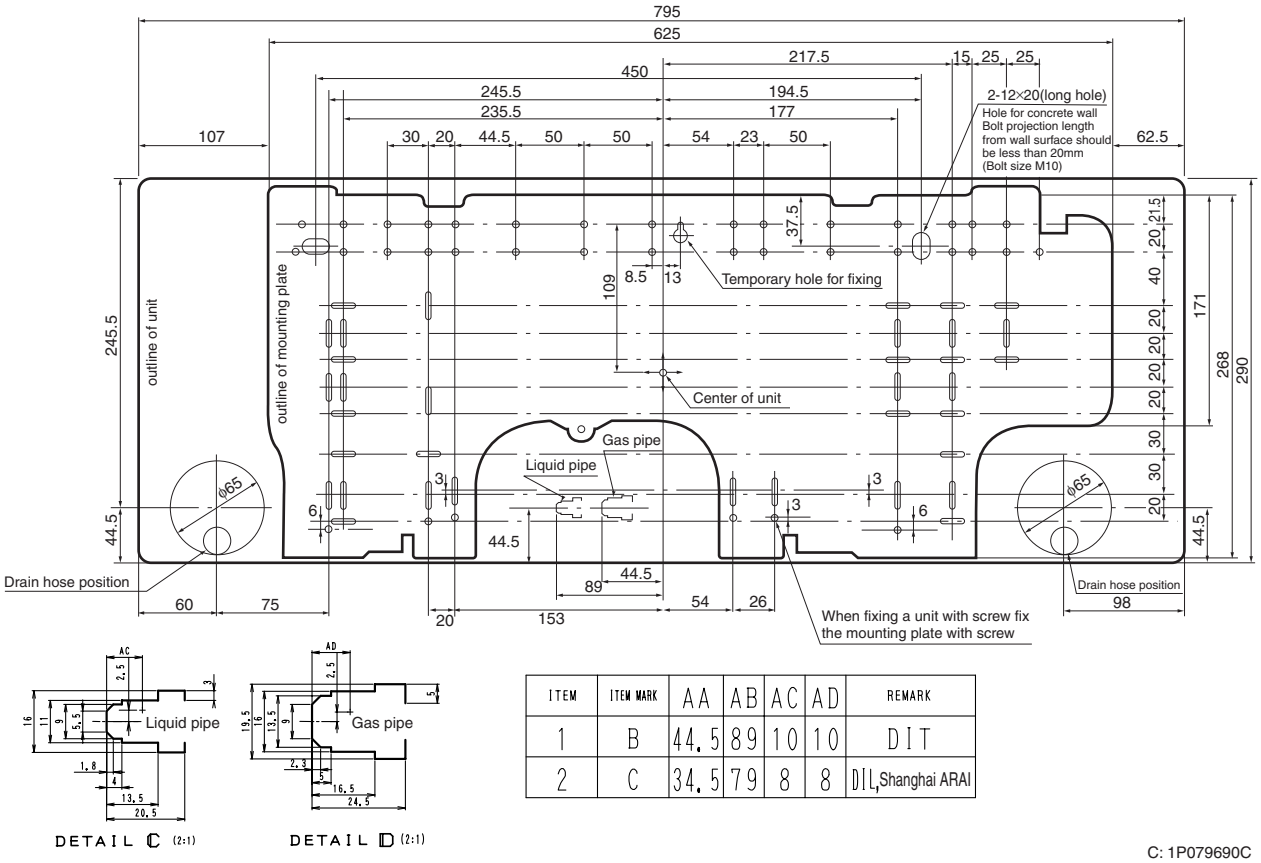
FXAQ63MAVE



4D038515A

9. Recommended Mounting-plate Retention Spots and Dimensions

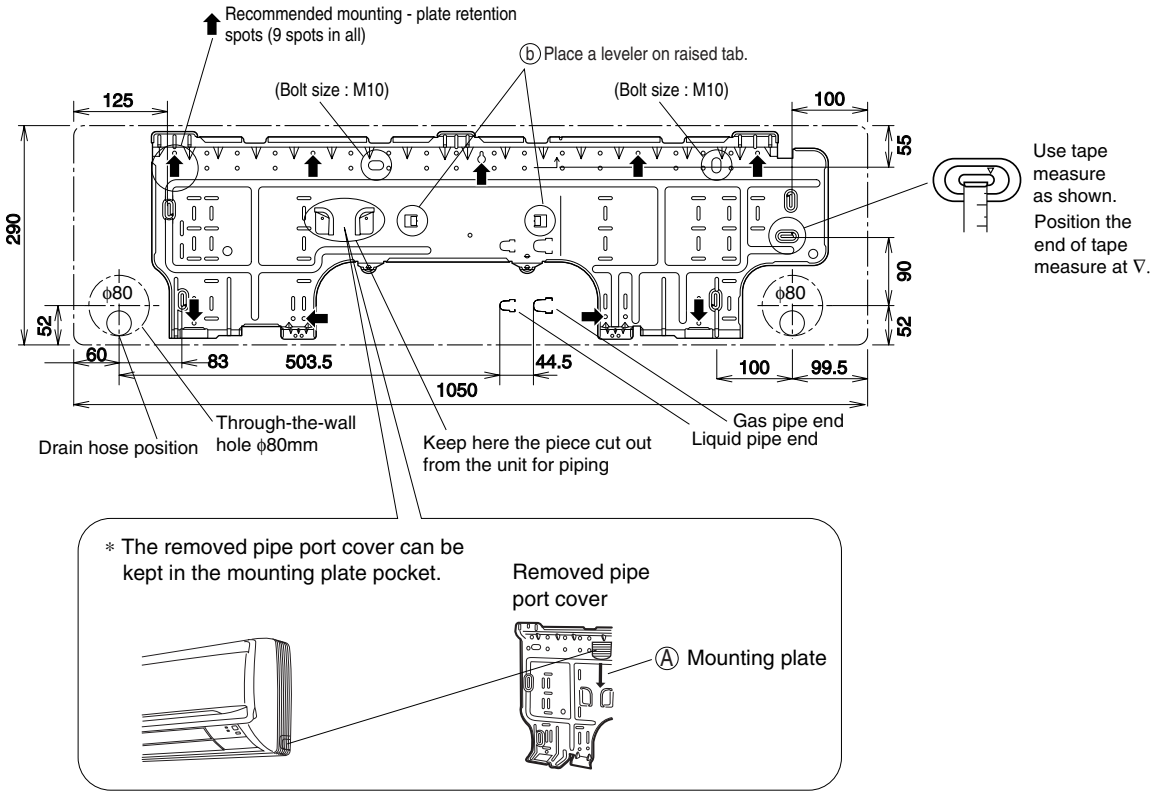
FXAQ20MAVE / FXAQ25MAVE / FXAQ32MAVE



ITEM	ITEM MARK	AA	AB	AC	AD	REMARK
1	B	44.5	89	10	10	DIT
2	C	34.5	79	8	8	DIL,Shanghai ARAI

C: 1P079690C

FXAQ40MAVE / FXAQ50MAVE / FXAQ63MAVE



C: 2P095003C

10. Accessories

10.1 Optional Accessories (for Unit)

Model	FXAQ20MAVE	FXAQ25MAVE	FXAQ32MAVE	FXAQ40MAVE	FXAQ50MAVE	FXAQ63MAVE
Drain pump kit	K-KDU572EVE					

10.2 Optional Accessories (for Controls)

Refer to page 512.

FXLQ-MA / FXNQ-MA Floor Standing Type / Concealed Floor Standing Type

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   1.1 FXLQ-MA 182
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   10.1 Optional Accessories (for Unit) 201
   10.2 Optional Accessories (for Controls) 201

1. Specifications

1.1 FXLQ-MA

Floor standing type

Model			FXLQ20MAVE	FXLQ25MAVE	FXLQ32MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200
		Btu/h	7,800	9,900	12,600
		kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400
		Btu/h	8,500	10,900	13,600
		kW	2.5	3.2	4.0
Casing colour			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	600×1,000×222	600×1,000×222	600×1,140×222
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area	m²	0.159	0.159	0.200
Fan	Model		D14B20	D14B20	2D14B13
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	15×1	15×1	25×1
	Airflow rate (H/L)	m³/min	7/6	7/6	8/6
		l/s	116/100	116/100	133/100
		cfm	247/212	247/212	282/212
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass (Weight)		kg	25	25	30
★5 Sound level (H/L)	220V, 50/60Hz	dB(A)	35/32	35/32	35/32
	240V, 50Hz	dB(A)	37/34	37/34	37/34
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.			C: 3D038816A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 194 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Floor standing type

Model				FXLQ40MAVE	FXLQ50MAVE	FXLQ63MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)			kcal/h	4,000	5,000	6,300
			Btu/h	16,000	19,800	24,900
			kW	4.7	5.8	7.3
★2 ★4 Cooling capacity (19.0°CWB)			kW	4.5	5.6	7.1
★3 ★4 Heating capacity			kcal/h	4,300	5,400	6,900
			Btu/h	17,100	21,500	27,300
			kW	5.0	6.3	8.0
Casing colour				Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)			mm	600×1,140×222	600×1,420×222	600×1,420×222
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area		m²	0.200	0.282	0.282
Fan	Model			2D14B13	2D14B20	2D14B20
	Type			Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	25×1	35×1	35×1
	Airflow rate (H/L)		m³/min	11/8.5	14/11	16/12
			l/s	183/141	233/183	266/200
			cfm	388/300	494/388	565/424
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter				Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ6.4 (Flare connection)	φ9.5 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ12.7 (Flare connection)	φ15.9 (Flare connection)
	Drain pipe		mm	φ21 O.D (Vinyl chloride)	φ21 O.D (Vinyl chloride)	φ21 O.D (Vinyl chloride)
Mass (Weight)			kg	30	36	36
★5 Sound level (H/L)		220V, 50/60Hz	dB(A)	38/33	39/34	40/35
		240V, 50Hz	dB(A)	40/35	41/36	42/37
Safety devices				Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.				C: 3D038816A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 194 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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1.2 FXNQ-MA

Concealed floor standing type

Model			FXNQ20MAVE	FXNQ25MAVE	FXNQ32MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	2,000	2,500	3,200
		Btu/h	7,800	9,900	12,600
		kW	2.3	2.9	3.7
★2 ★4 Cooling capacity (19.0°CWB)		kW	2.2	2.8	3.6
★3 ★4 Heating capacity		kcal/h	2,200	2,800	3,400
		Btu/h	8,500	10,900	13,600
		kW	2.5	3.2	4.0
Casing colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	610×930×220	610×930×220	610×1,070×220
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area	m²	0.159	0.159	0.200
Fan	Model		D14B20	D14B20	2D14B13
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	15×1	15×1	25×1
	Airflow rate (H/L)	m³/min	7/6	7/6	8/6
		l/s	116/100	116/100	133/100
		cfm	247/212	247/212	282/212
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass (Weight)		kg	19	19	23
★5 Sound level (H/L)	220V, 50/60Hz	dB(A)	35/32	35/32	35/32
	240V, 50Hz	dB(A)	37/34	37/34	37/34
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.			C: 3D038817A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 194 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Concealed floor standing type

Model				FXNQ40MAVE	FXNQ50MAVE	FXNQ63MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★4 Cooling capacity (19.5°CWB)			kcal/h	4,000	5,000	6,300
			Btu/h	16,000	19,800	24,900
			kW	4.7	5.8	7.3
★2 ★4 Cooling capacity (19.0°CWB)			kW	4.5	5.6	7.1
★3 ★4 Heating capacity			kcal/h	4,300	5,400	6,900
			Btu/h	17,100	21,500	27,300
			kW	5.0	6.3	8.0
Casing colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	610×1,070×220	610×1,350×220	610×1,350×220
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area		m²	0.200	0.282	0.282
Fan	Model			2D14B13	2D14B20	2D14B20
	Type			Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	25×1	35×1	35×1
	Airflow rate (H/L)		m³/min	11/8.5	14/11	16/12
			l/s	183/141	233/183	266/200
			cfm	388/300	494/388	565/424
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber / Urethane foam	Glass fiber / Urethane foam	Glass fiber / Urethane foam
Air filter				Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping Connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe		mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass (Weight)			kg	23	27	27
★5 Sound level (H/L)		220V, 50/60Hz	dB(A)	38/33	39/34	40/35
		240V, 50Hz	dB(A)	40/35	41/36	42/37
Safety devices				Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.				C: 3D038817A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5 m, level difference : 0 m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5 m, level difference : 0 m.
★4 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 194 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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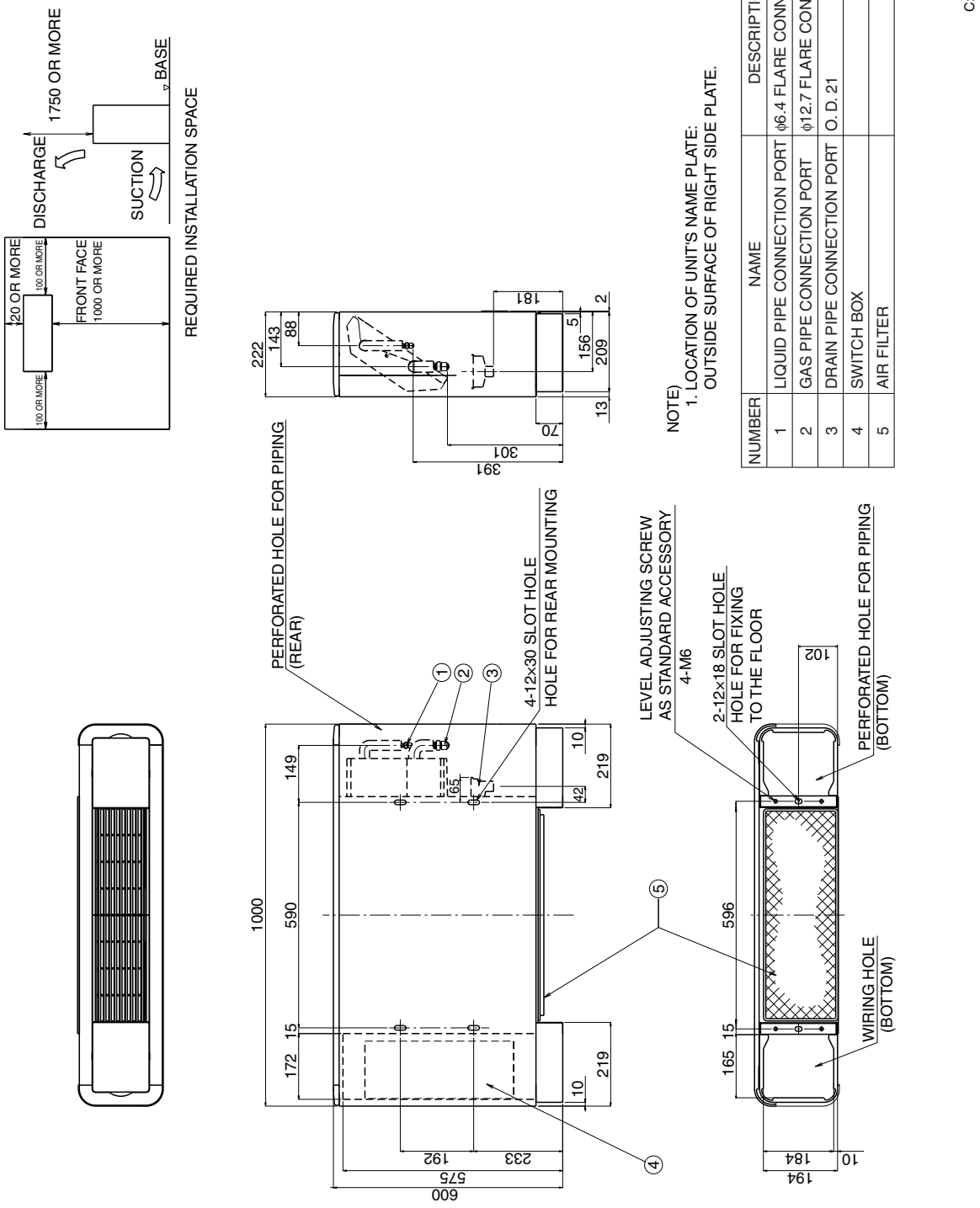
2. Dimensions

2.1 FXLQ-MA

FXLQ20MAVE / FXLQ25MAVE

Unit (mm)



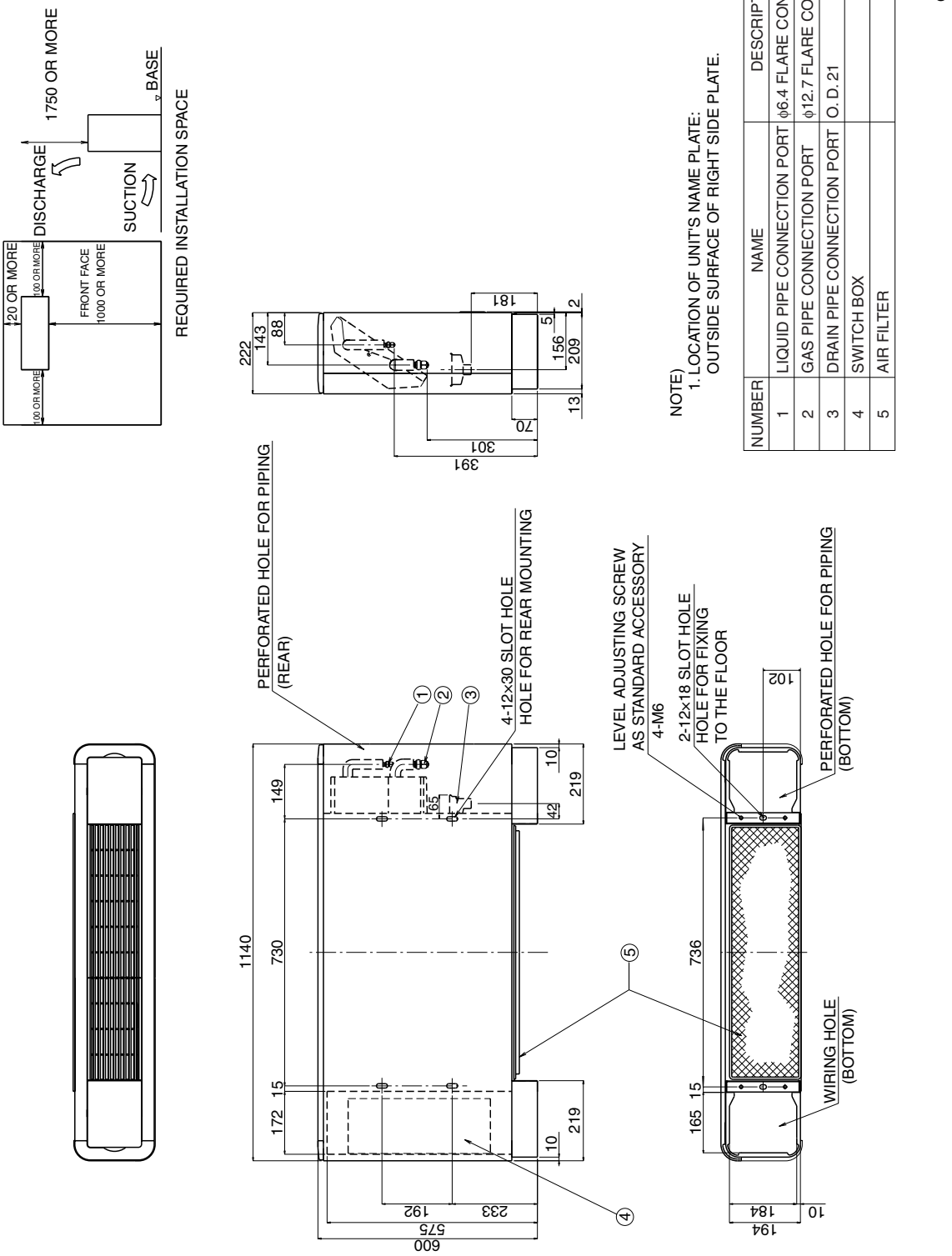
NOTE)
1. LOCATION OF UNIT'S NAME PLATE:
OUTSIDE SURFACE OF RIGHT SIDE PLATE.

NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

C: 3D038860B

FXLQ32MAVE / FXLQ40MAVE

Unit (mm)



NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

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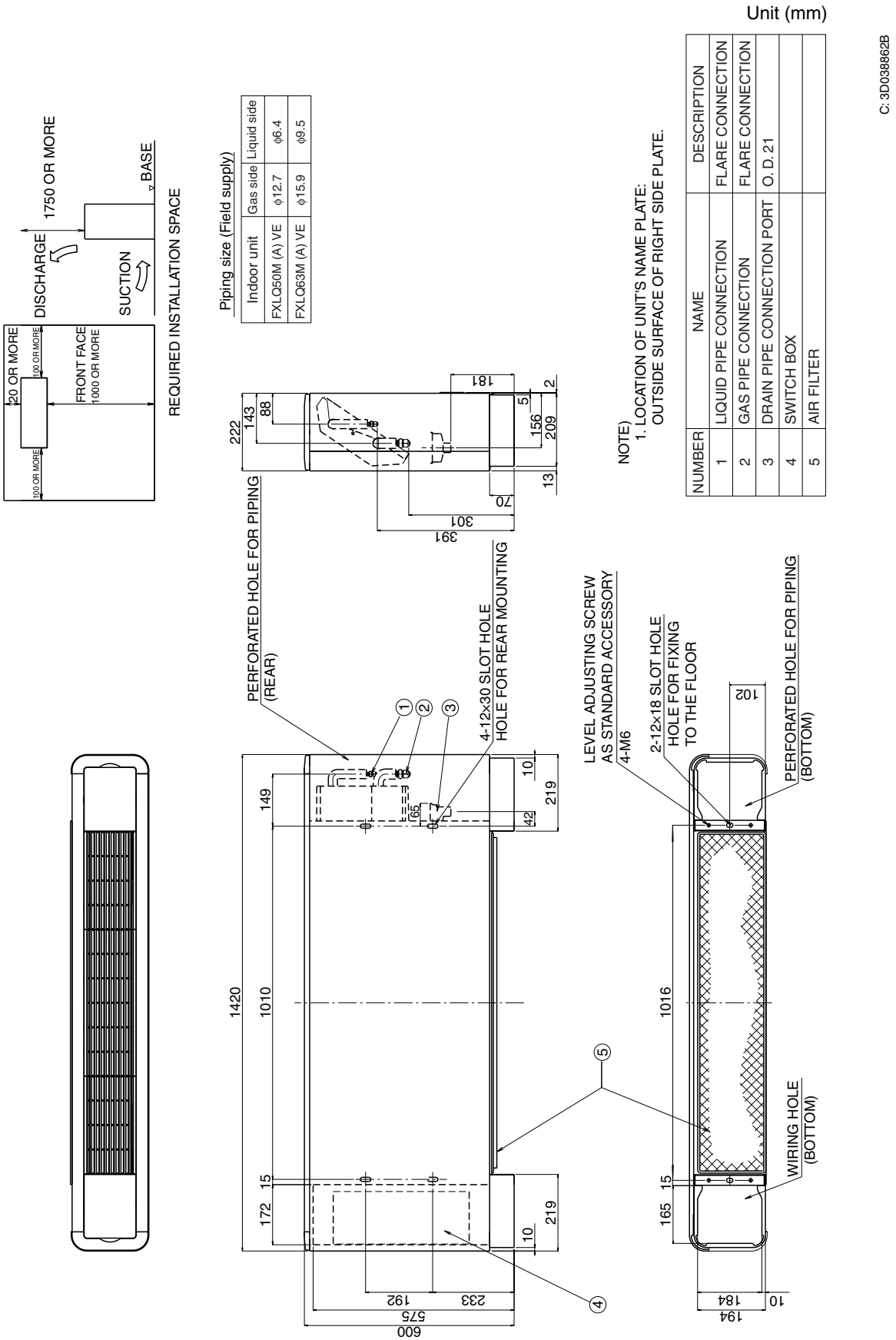
FXLQ50MAVE / FXLQ63MAVE

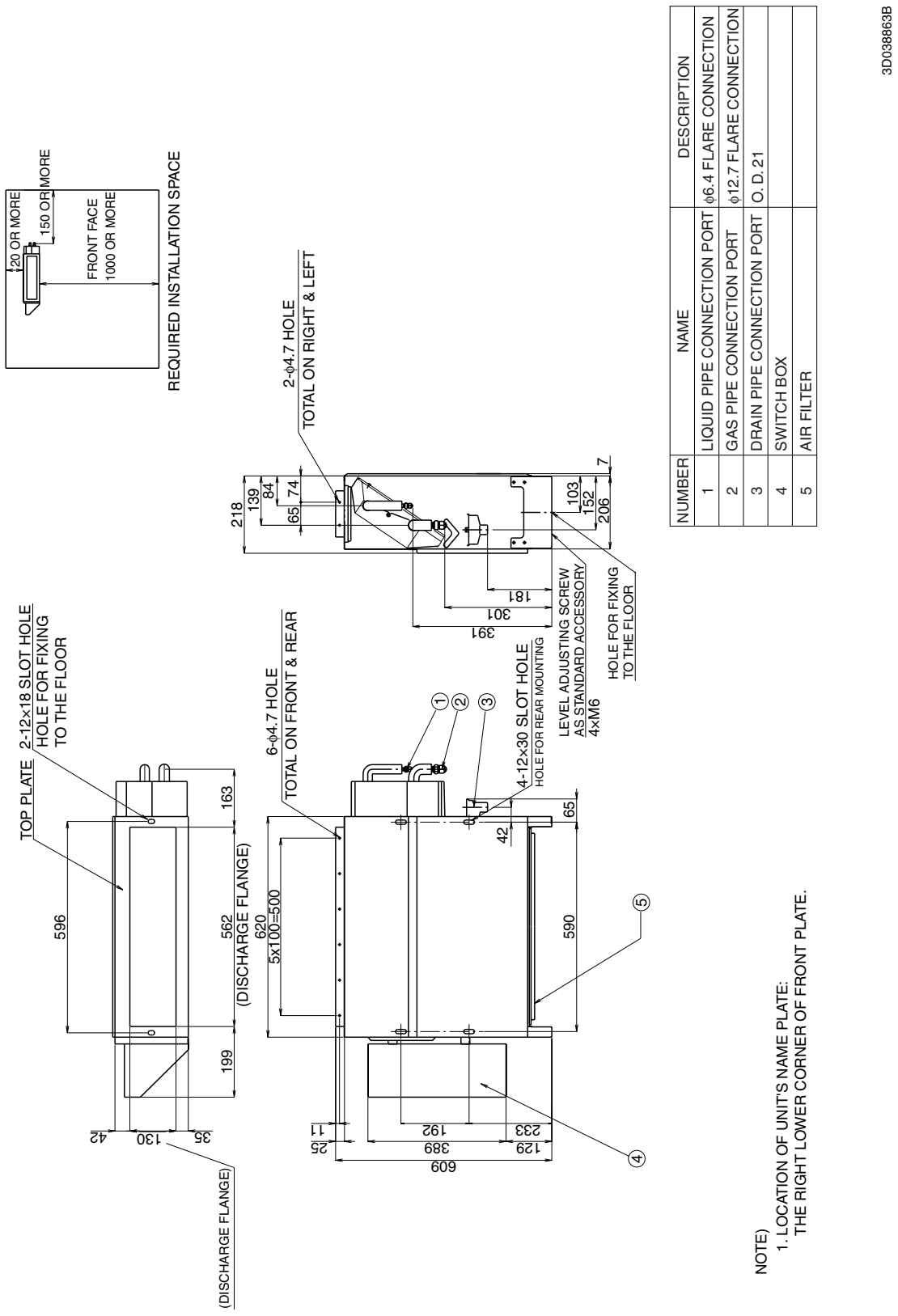
Unit (mm)



2.2 FXNQ-MA

FXNQ20MAVE / FXNQ25MAVE

Unit (mm)



NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D.21
4	SWITCH BOX	
5	AIR FILTER	

NOTE)
1. LOCATION OF UNIT'S NAME PLATE:
THE RIGHT LOWER CORNER OF FRONT PLATE.

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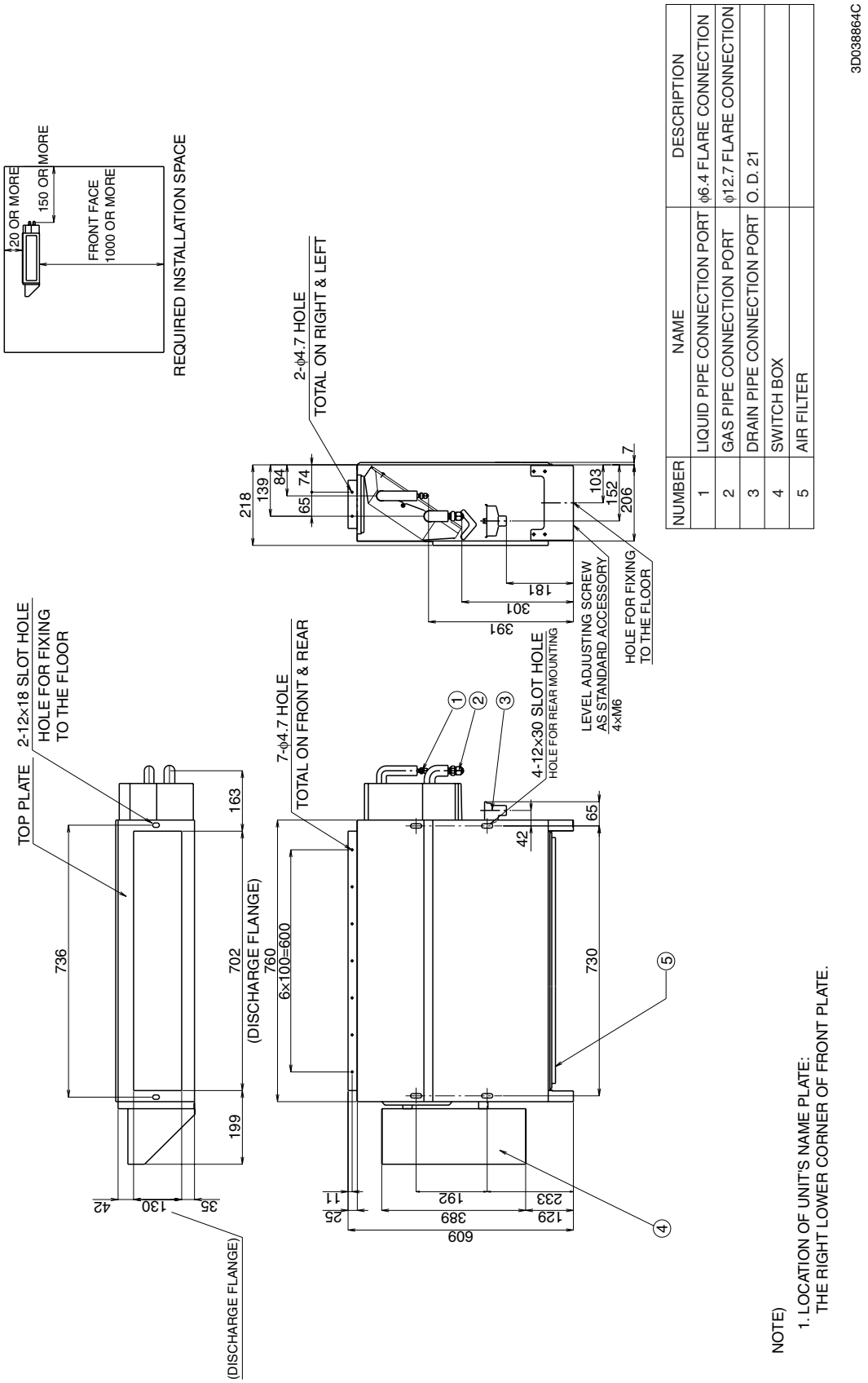
FXNQ32MAVE / FXNQ40MAVE

Unit (mm)

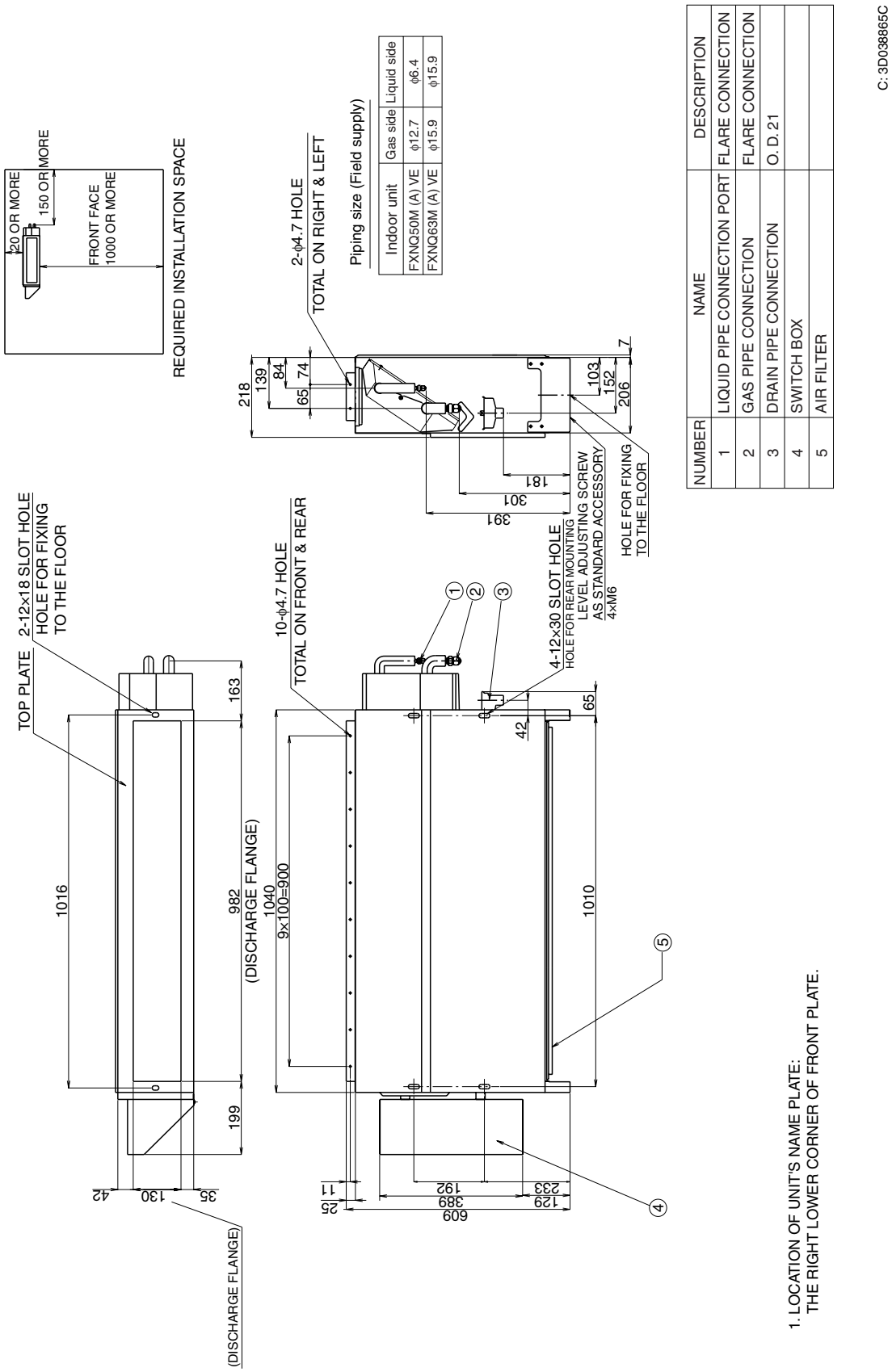


NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

NOTE)
1. LOCATION OF UNIT'S NAME PLATE:
THE RIGHT LOWER CORNER OF FRONT PLATE.

FXNQ50MAVE / FXNQ63MAVE

Unit (mm)



NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	FLARE CONNECTION
2	GAS PIPE CONNECTION	FLARE CONNECTION
3	DRAIN PIPE CONNECTION	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

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1. LOCATION OF UNIT'S NAME PLATE:
THE RIGHT LOWER CORNER OF FRONT PLATE.

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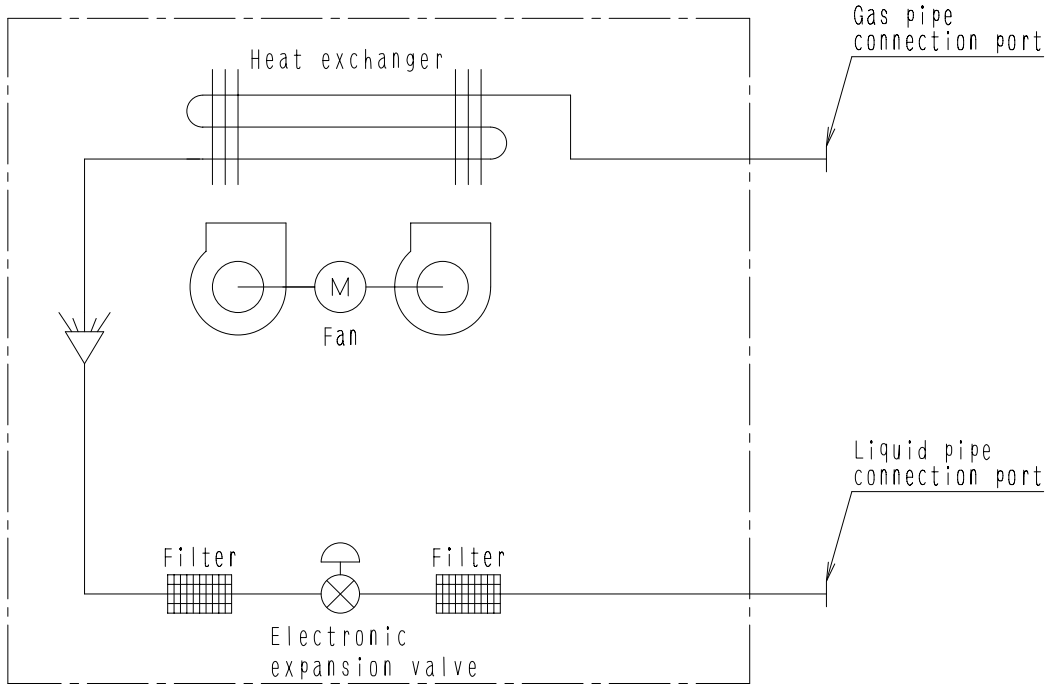
3. Piping Diagrams



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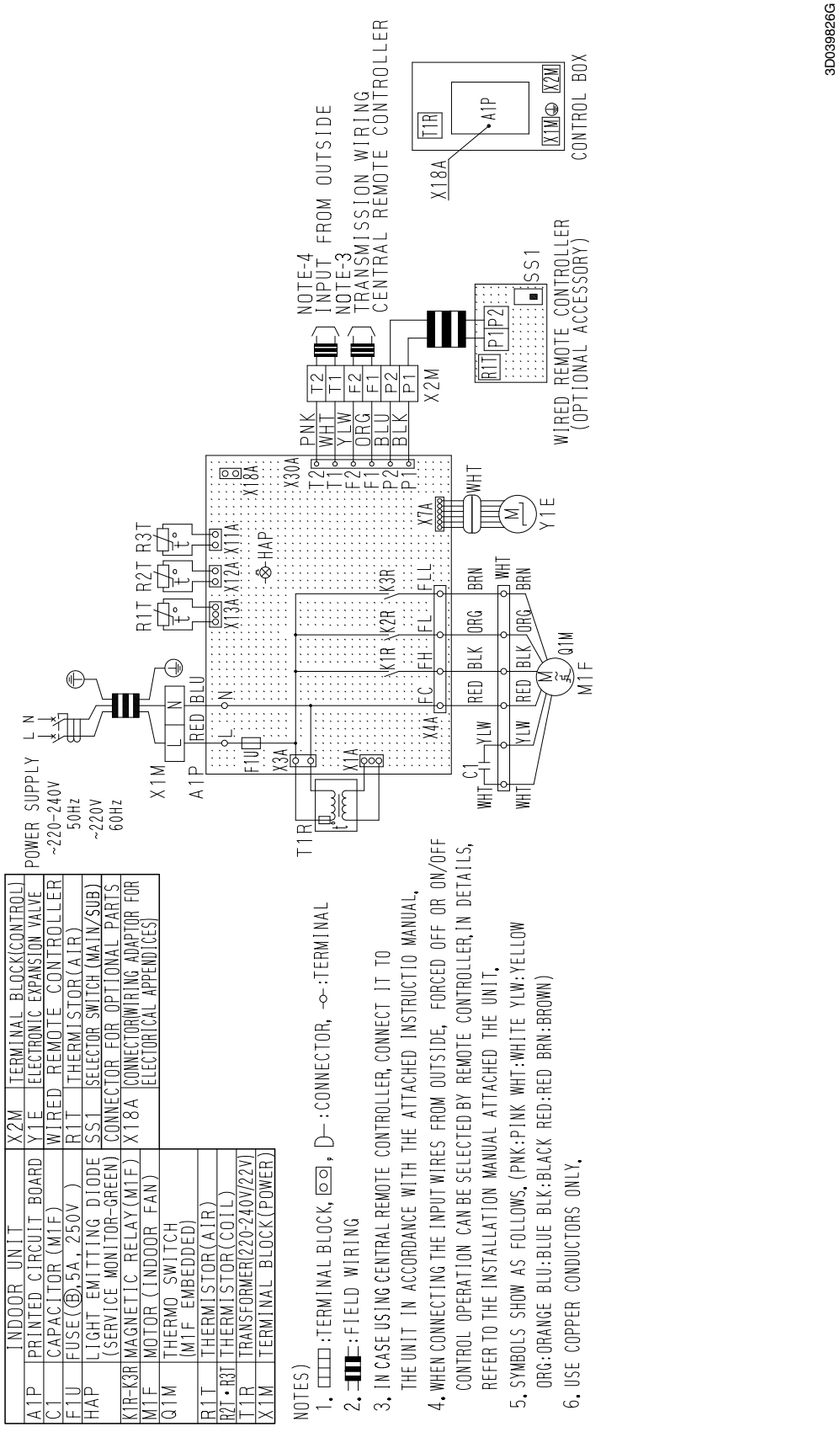
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE	ϕ12.7	ϕ6.4
FXLQ63MAVE FXNQ63MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE / FXLQ63MAVE
FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE / FXNQ63MAVE



5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXLQ・FXNQ20MAVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.015	0.2	49	49
FXLQ・FXNQ25MAVE				0.3	15	0.015	0.2	49	49
FXLQ・FXNQ32MAVE				0.6	15	0.025	0.5	90	90
FXLQ・FXNQ40MAVE				0.6	15	0.025	0.5	90	90
FXLQ・FXNQ50MAVE				0.6	15	0.035	0.5	110	110
FXLQ・FXNQ63MAVE				0.6	15	0.035	0.5	110	110
FXLQ・FXNQ20MAVE	60	220	MAX. 242 Min. 198	0.3	15	0.015	0.2	47	47
FXLQ・FXNQ25MAVE				0.3	15	0.015	0.2	47	47
FXLQ・FXNQ32MAVE				0.5	15	0.025	0.4	79	79
FXLQ・FXNQ40MAVE				0.5	15	0.025	0.4	84	84
FXLQ・FXNQ50MAVE				0.6	15	0.035	0.5	105	105
FXLQ・FXNQ63MAVE				0.6	15	0.035	0.5	108	108

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXLQ20MAVE FXNQ20MAVE	FXLQ25MAVE FXNQ25MAVE	FXLQ32MAVE FXNQ32MAVE	FXLQ40MAVE FXNQ40MAVE	FXLQ50MAVE FXNQ50MAVE	FXLQ63MAVE FXNQ63MAVE
PC board fuse		250V 10A	250V 10A	250V 10A	250V 10A	250V 10A	250V 10A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less

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7. Capacity Tables

7.1 Cooling Capacity

FXLQ-MA / FXNQ-MA [50/60Hz] Cooling capacity

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	10.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.9	1.8
	12.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.9	1.7
	14.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.8	1.7
	16.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.8	1.7
	18.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.7
	20.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.6
	21.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.7	1.6
	23.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.8	2.6	1.6
	25.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.6	1.7	2.6	1.6
	27.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.6	1.6
	29.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.5	1.7	2.5	1.6
	31.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.6
	33.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.7	2.5	1.6
	35.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
	37.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.6
	39.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
25	10.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.7	2.1
	12.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.6	2.1
	14.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.6	2.1
	16.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.5	2.1
	18.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.5	2.0
	20.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.4	2.0
	21.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.4	2.1	3.4	2.0
	23.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.3	2.1	3.4	2.0
	25.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.3	2.1	3.3	2.0
	27.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.2	2.1	3.3	1.9
	29.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.2	2.0	3.2	1.9
	31.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.1	2.0	3.2	1.9
	33.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.1	2.0	3.1	1.9
	35.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.0	2.0	3.1	1.9
	37.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	2.9	2.0	3.0	2.0	3.0	1.9
	39.0	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	2.9	2.0	2.9	2.0	3.0	1.9
32	10.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.7	2.6
	12.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.7	2.6
	14.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.6	2.6
	16.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.6	2.5
	18.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.5	2.5
	20.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.4	2.5
	21.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.3	2.6	4.4	2.5
	23.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.2	2.6	4.3	2.4
	25.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.2	2.6	4.3	2.4
	27.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.1	2.5	4.2	2.4
	29.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.1	2.5	4.2	2.4
	31.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	4.0	2.5	4.1	2.4
	33.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.6	3.9	2.4	4.0	2.3
	35.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.5	3.9	2.4	4.0	2.3
	37.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.7	2.5	3.8	2.4	3.9	2.3
	39.0	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.6	3.7	2.5	3.8	2.4	3.8	2.3
40	10.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.9	3.3
	12.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.8	3.3
	14.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.8	3.2
	16.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.7	3.2
	18.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.6	3.1
	20.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.5	3.1
	21.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.4	3.3	5.5	3.1
	23.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.3	3.2	5.4	3.0
	25.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.2	3.2	5.3	3.0
	27.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.2	3.1	5.3	3.0
	29.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.1	3.1	5.2	3.0
	31.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	5.0	3.1	5.1	2.9
	33.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.8	3.2	4.9	3.0	5.0	2.9
	35.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.7	3.2	4.9	3.1	5.0	2.9
	37.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.7	3.2	4.8	3.0	4.9	2.8
	39.0	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.2	4.6	3.1	4.7	3.0	4.8	2.8
50	10.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.4	4.1
	12.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.3	4.1
	14.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.2	4.0
	16.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.1	4.0
	18.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	7.0	3.9
	20.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.9	3.9
	21.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.7	4.1	6.8	3.8
	23.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.6	4.0	6.7	3.8
	25.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.5	4.0	6.6	3.7
	27.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.4	3.9	6.6	3.7
	29.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.3	3.9	6.5	3.7
	31.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.2	3.8	6.4	3.7
	33.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	6.0	4.0	6.1	3.8	6.3	3.6
	35.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.9	4.0	6.0	3.8	6.2	3.6
	37.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.8	3.9	5.9	3.7	6.1	3.6
	39.0	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	6.0	3.5

Unit size	Outdoor air temp.	Indoor air temp. 14.0 °CWB / 20 °CDB		16.0 °CWB / 23 °CDB		18.0 °CWB / 26 °CDB		19.0 °CWB / 27 °CDB		20.0 °CWB / 28 °CDB		22.0 °CWB / 30 °CDB		24.0 °CWB / 32 °CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
63	10.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.3	5.0
	12.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.2	5.0
	14.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.1	4.9
	16.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	9.0	4.8
	18.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.8	4.8
	20.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.7	4.7
	21.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.5	5.1	8.7	4.7
	23.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.4	5.0	8.5	4.6
	25.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.3	5.0	8.4	4.5
	27.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.1	4.9	8.3	4.5
	29.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	8.0	4.8	8.2	4.5
	31.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	7.9	4.7	8.1	4.4
	33.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.6	5.0	7.8	4.7	7.9	4.4
	35.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.5	4.9	7.7	4.7	7.8	4.3
	37.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.4	4.9	7.5	4.6	7.7	4.2
	39.0	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.2	4.8	7.4	4.6	7.6	4.2

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXLQ-MA / FXNQ-MA [50/60Hz] Heating capacity

Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
20	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.7	1.7	1.7	1.7	1.7
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.8	1.8
	-10.5	-11.0	1.9	1.9	1.9	1.9	1.9	1.9
	-9.5	-10.0	1.9	1.9	1.9	1.9	1.9	1.9
	-8.5	-9.1	2.0	2.0	1.9	1.9	1.9	1.9
	-7.0	-7.6	2.0	2.0	2.0	2.0	2.0	2.0
	-5.0	-5.6	2.1	2.1	2.1	2.1	2.1	2.1
	-3.0	-3.7	2.2	2.2	2.2	2.2	2.2	2.2
	0.0	-0.7	2.3	2.3	2.3	2.3	2.3	2.2
	3.0	2.2	2.5	2.5	2.4	2.4	2.3	2.2
	5.0	4.1	2.5	2.5	2.5	2.4	2.3	2.2
	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
	9.0	7.9	2.7	2.7	2.5	2.4	2.3	2.2
	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
25	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.1	2.1	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.2	2.2	2.2	2.2	2.2	2.1
	-12.6	-13.0	2.3	2.3	2.3	2.3	2.3	2.3
	-10.5	-11.0	2.4	2.4	2.4	2.4	2.4	2.4
	-9.5	-10.0	2.5	2.4	2.4	2.4	2.4	2.4
	-8.5	-9.1	2.5	2.5	2.5	2.5	2.5	2.5
	-7.0	-7.6	2.6	2.6	2.6	2.6	2.6	2.6
	-5.0	-5.6	2.7	2.7	2.7	2.7	2.7	2.7
	-3.0	-3.7	2.8	2.8	2.8	2.8	2.8	2.8
	0.0	-0.7	3.0	3.0	3.0	3.0	3.0	2.8
	3.0	2.2	3.1	3.1	3.1	3.1	3.0	2.8
	5.0	4.1	3.3	3.2	3.2	3.1	3.0	2.8
	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.5	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
32	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
	-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
	-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
	-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
	-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
	-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
	-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
	-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
	-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
	0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
	3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
	5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
	9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
40	-19.8	-20.0	3.0	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.2	3.2	3.2	3.2	3.2	3.2
	-14.7	-15.0	3.4	3.4	3.4	3.4	3.4	3.4
	-12.6	-13.0	3.6	3.6	3.6	3.5	3.5	3.5
	-10.5	-11.0	3.7	3.7	3.7	3.7	3.7	3.7
	-9.5	-10.0	3.8	3.8	3.8	3.8	3.8	3.8
	-8.5	-9.1	3.9	3.9	3.9	3.9	3.9	3.9
	-7.0	-7.6	4.0	4.0	4.0	4.0	4.0	4.0
	-5.0	-5.6	4.2	4.2	4.2	4.2	4.2	4.2
	-3.0	-3.7	4.4	4.4	4.4	4.4	4.4	4.4
	0.0	-0.7	4.7	4.6	4.6	4.6	4.6	4.4
	3.0	2.2	4.9	4.9	4.9	4.8	4.7	4.4
	5.0	4.1	5.1	5.1	5.0	4.8	4.7	4.4
	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
	9.0	7.9	5.4	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
50	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
	-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
	-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
	-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
	-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
	-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
	-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
	-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
	-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
	-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
	-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
	0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
	3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
	5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
	9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5

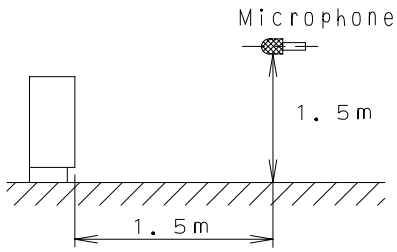
Unit size	Outdoor air temp. °CDB	Outdoor air temp. °CWB	Indoor air temp. °CDB 16.0 kW	18.0 kW	20.0 kW	21.0 kW	22.0 kW	24.0 kW
63	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

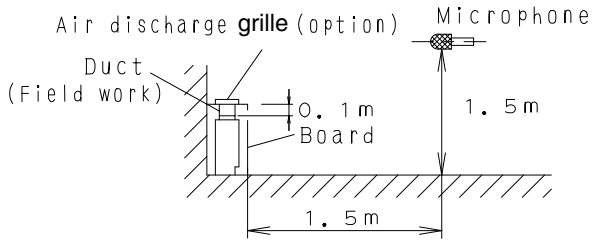
8. Sound Levels

Overall

Location of microphone



Location of microphone



dB(A)

Model	220V, 50/60Hz		240V, 50Hz		Model	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L		H	L	H	L
FXLQ20MAVE FXLQ25MAVE FXLQ32MAVE	35	32	37	34	FXNQ20MAVE FXNQ25MAVE FXNQ32MAVE	35	32	37	34
FXLQ40MAVE	38	33	40	35	FXNQ40MAVE	38	33	40	35
FXLQ50MAVE	39	34	41	36	FXNQ50MAVE	39	34	41	36
FXLQ63MAVE	40	35	42	37	FXNQ63MAVE	40	35	42	37

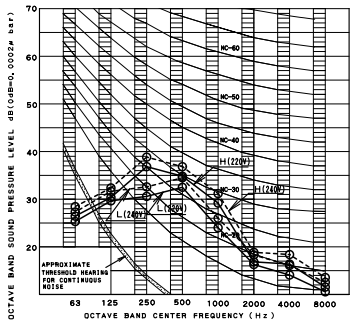
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

Octave Band Level

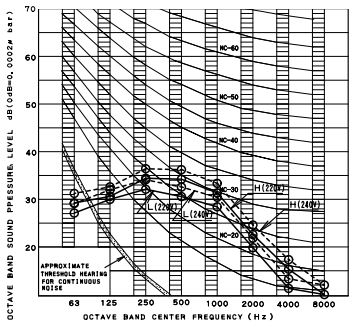
○———○ 220V, 50/60Hz
○ - - - -○ 240V, 50Hz

FXLQ20MAVE / FXLQ25MAVE



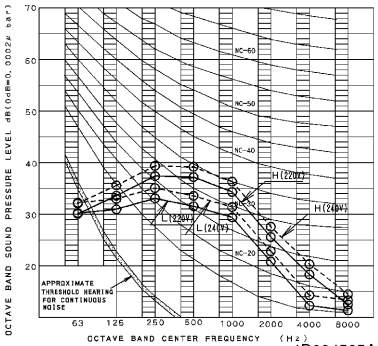
4D034528A

FXLQ32MAVE



4D034564A

FXLQ40MAVE



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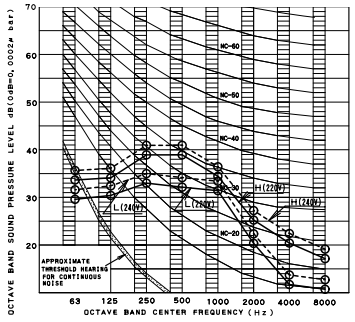
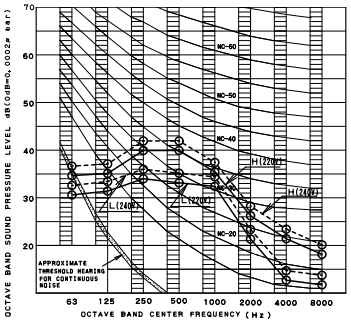
FXLQ50MAVE



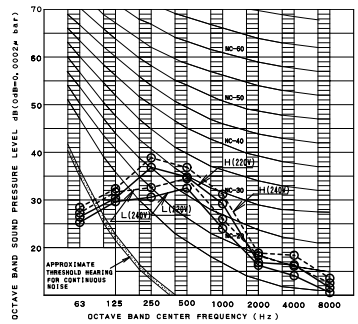
4D034566A

FXLQ63MAVE



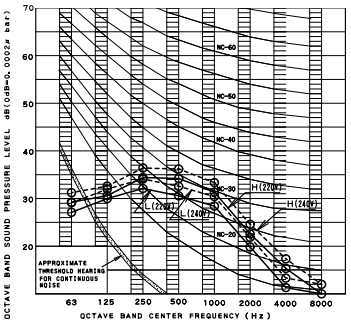
4D034567A

FXNQ20MAVE / FXNQ25MAVE



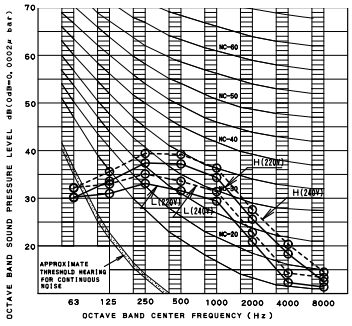
4D034534B

FXNQ32MAVE



4D034535A

FXNQ40MAVE



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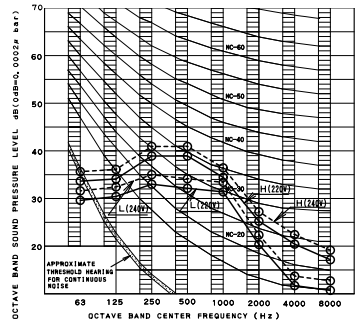
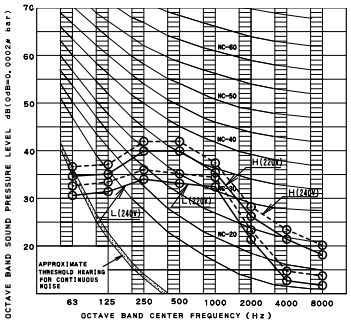
FXNQ50MAVE



4D034537B

FXNQ63MAVE



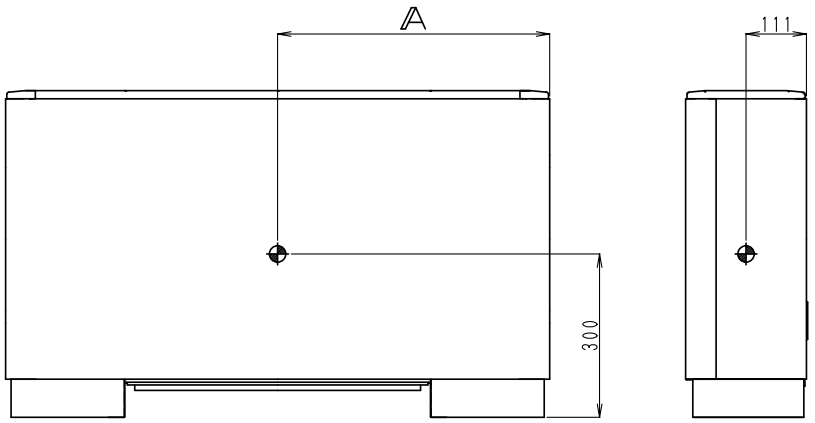
4D034538B

11

9. Centre of Gravity

FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE / FXLQ63MAVE

Unit (mm)

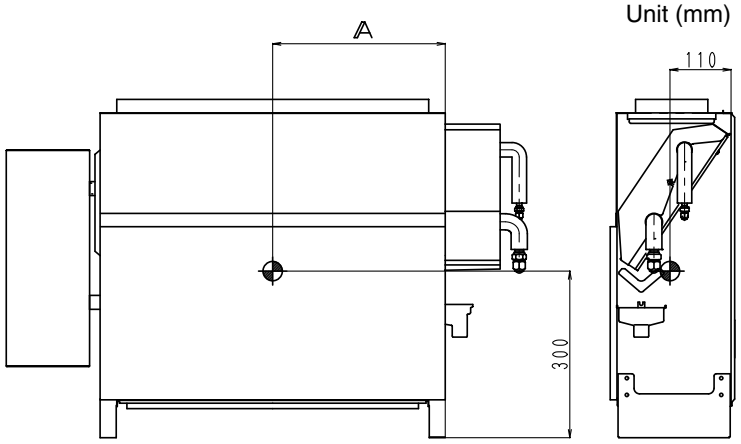


	A
FXLQ20MAVE • FXLQ25MAVE	500
FXLQ32MAVE • FXLQ40MAVE	570
FXLQ50MAVE • FXLQ63MAVE	710

C: 4D034527C

FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE / FXNQ63MAVE

Unit (mm)



	A
FXNQ20MAVE • FXNQ25MAVE	395
FXNQ32MAVE • FXNQ40MAVE	465
FXNQ50MAVE • FXNQ63MAVE	505

C: 4D034533C

10. Accessories

10.1 Optional Accessories (for Unit)

Model	FXLQ20MAVE FXNQ20MAVE	FXLQ25MAVE FXNQ25MAVE	FXLQ32MAVE FXNQ32MAVE	FXLQ40MAVE FXNQ40MAVE	FXLQ50MAVE FXNQ50MAVE	FXLQ63MAVE FXNQ63MAVE
Long life replacement filter	KAFJ361K28		KAFJ361K45		KAFJ361K71	

C: 4D034574B

10.2 Optional Accessories (for Controls)

Refer to page 512.

FXUQ-MA
Ceiling Suspended Cassette Type (Connection Unit Series)

1. Specifications 204
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   11.1 Optional Accessories (for Indoor Unit) 221
   11.2 Optional Accessories (for Controls) 221

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1. Specifications

Ceiling suspended cassette type

Model	Indoor unit		FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
	Connection unit		BEVQ71MAVE	BEVQ100MAVE	BEVQ125MAVE
Power supply			1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
★1 ★4 Cooling capacity (19.5°CWB)		kcal/h	7,100	10,000	12,500
		Btu/h	28,300	39,600	49,500
		kW	8.3	11.6	14.5
★2 ★4 Cooling capacity (19.0°CWB)		kW	8.0	11.2	14.0
★3 ★4 Heating capacity (Max.)		kcal/h	7,700	10,800	12,000
		Btu/h	30,700	42,700	47,700
		kW	9.0	12.5	14.0
Casing colour			White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
Dimensions: (H×W×D)		mm	165×895×895	230×895×895	230×895×895
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×6×1.5	3×8×1.5	3×8×1.5
	Face area	m²	0.265	0.353	0.353
Fan	Model		QTS48A10M	QTS50B15M	QTS50B15M
	Type		Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	45×1	90×1	90×1
	Airflow rate (H/L)	m³/min	19/14	29/21	32/23
		l/s	316/233	483/350	533/383
		cfm	671/494	1,024/741	1,130/812
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Heat resistant foamed polyethylene / Regular foamed polyethylene	Heat resistant foamed polyethylene / Regular foamed polyethylene	Heat resistant foamed polyethylene / Regular foamed polyethylene
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass (Weight)		kg	25	31	31
★5 Sound level (H/L)	230V, 50Hz	dB(A)	40/35	43/38	44/39
Safety devices			Fan motor thermal protector	Fan motor thermal protector	Fan motor thermal protector
Standard accessories			Operation manual. Installation manual. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Washers. Holding plate.	Operation manual. Installation manual. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Washers. Holding plate.	Operation manual. Installation manual. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Washers. Holding plate.
Drawing No.			C: 4D045395A		

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★3 Indoor temp. : 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★4 Capacities are net, including a deduction for cooling (an additional for heating) for indoor fan motor heat.
★5 Anechoic chamber conversion value, measured at a point 1.5m downward from the unit center. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
6 Refer to page 212 for Fan Motor Input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

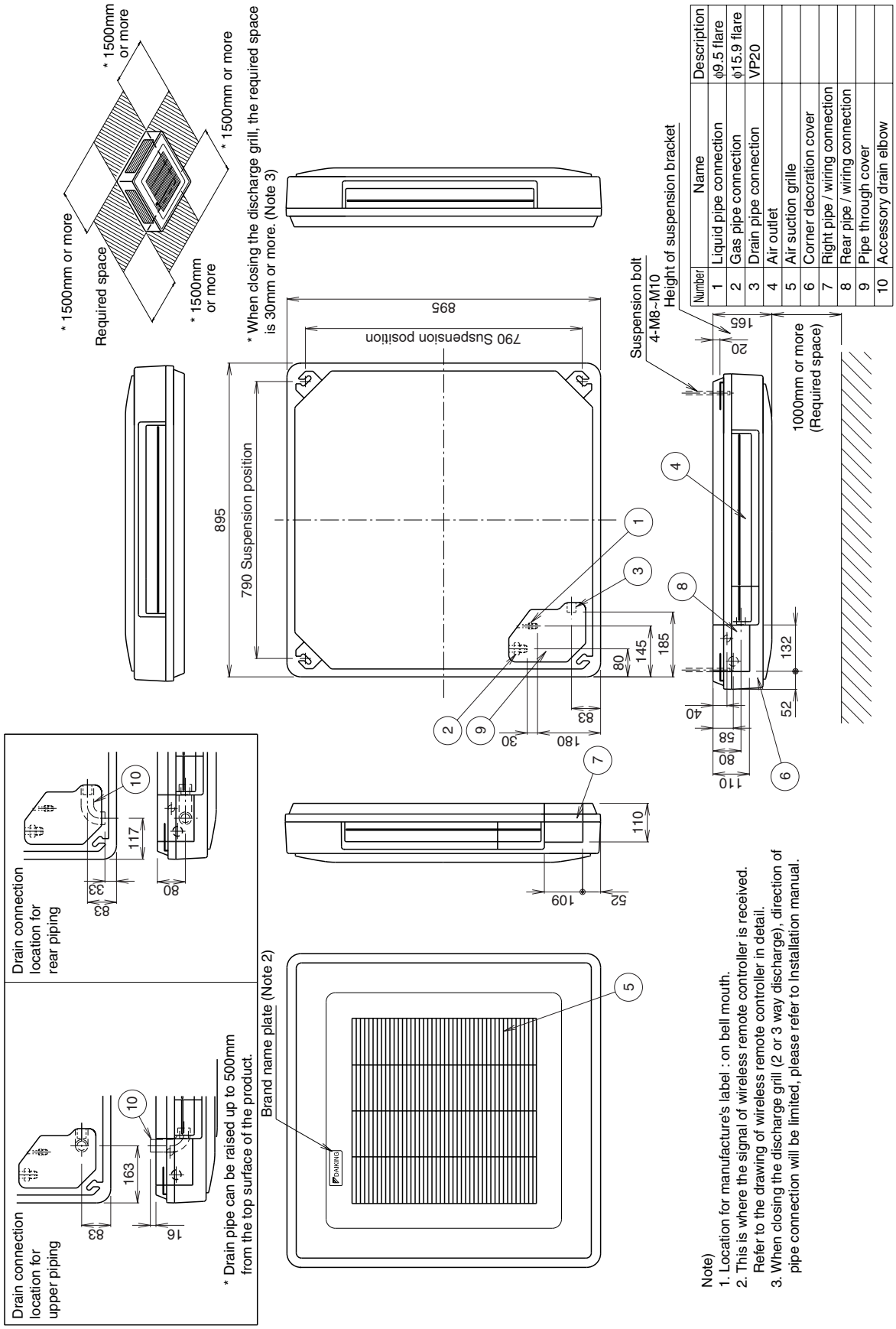
BEV units

Model				BEVQ71MAVE	BEVQ100MAVE	BEVQ125MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
Casing				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	100×350×225	100×350×225	100×350×225
Sound absorbing thermal insulation material				Flame and heat resistant foamed polyethylene	Flame and heat resistant foamed polyethylene	Flame and heat resistant foamed polyethylene
Piping connection	Indoor unit	Liquid pipes	mm	ϕ 9.5 (Flare connection)	ϕ 9.5 (Flare connection)	ϕ 9.5 (Flare connection)
		Gas pipes	mm	ϕ 15.9 (Flare connection)	ϕ 15.9 (Flare connection)	ϕ 15.9 (Flare connection)
	Outdoor unit	Liquid pipes	mm	ϕ 9.5 (Flare connection)	ϕ 9.5 (Flare connection)	ϕ 9.5 (Flare connection)
		Suction gas pipes	mm	ϕ 15.9 (Flare connection)	ϕ 15.9 (Flare connection)	ϕ 15.9 (Flare connection)
Mass (Weight)			kg	3.0	3.0	3.5
Standard accessories				Installation manual. Gas piping connections. Insulation for fitting. Sealing material. Clamps.	Installation manual. Gas piping connections. Insulation for fitting. Sealing material. Clamps.	Installation manual. Gas piping connections. Insulation for fitting. Sealing material. Clamps.
Drawing No.				4D045387A	4D045387A	4D045388A

2. Dimensions

FXUQ71MAV1

Unit (mm)

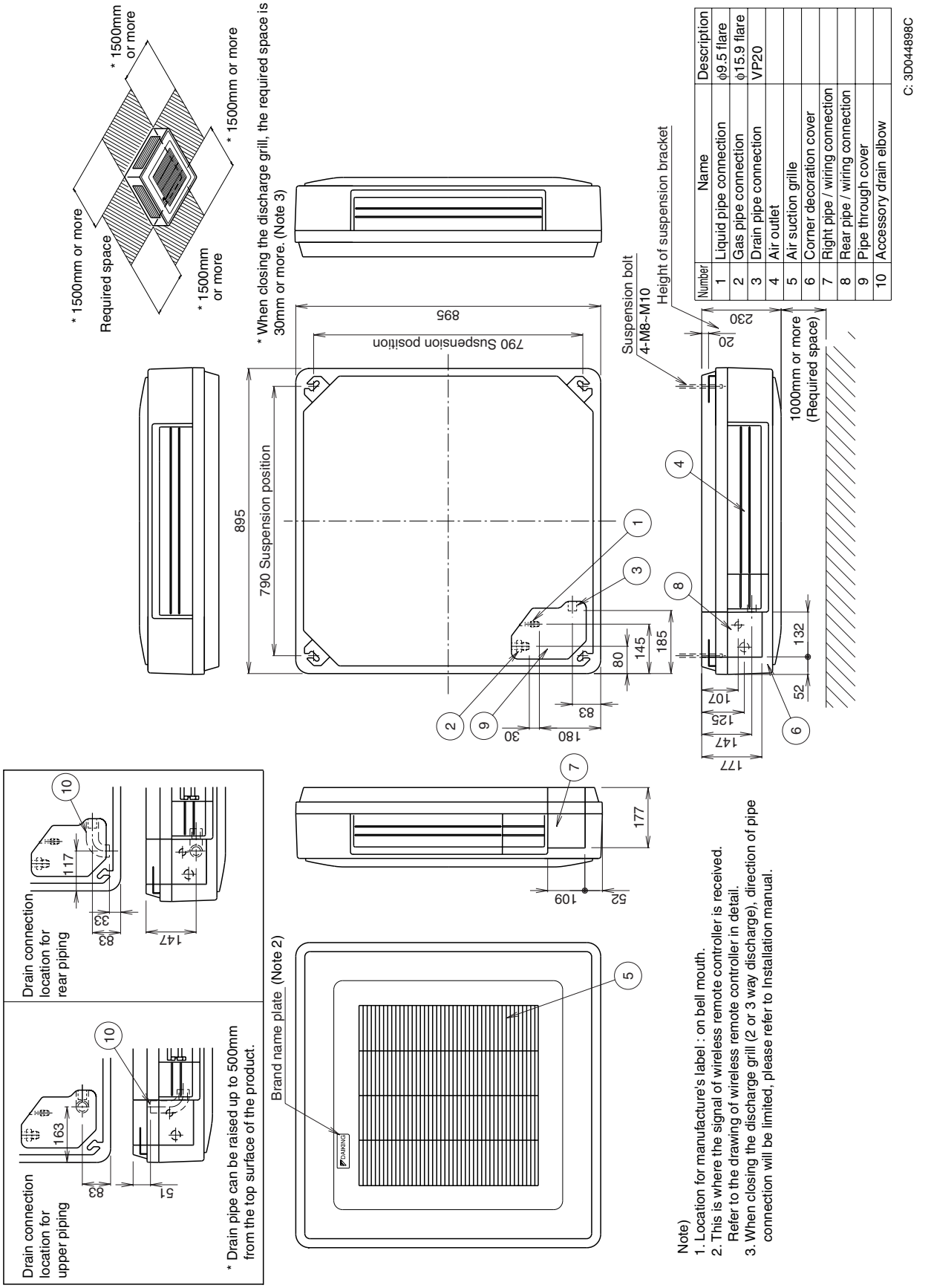


Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare
2	Gas pipe connection	ϕ15.9 flare
3	Drain pipe connection	VP20
4	Air outlet	
5	Air suction grille	
6	Corner decoration cover	
7	Right pipe / wiring connection	
8	Rear pipe / wiring connection	
9	Pipe through cover	
10	Accessory drain elbow	

Note)
1. Location for manufacture's label : on bell mouth.
2. This is where the signal of wireless remote controller is received. Refer to the drawing of wireless remote controller in detail.
3. When closing the discharge grill (2 or 3 way discharge), direction of pipe connection will be limited, please refer to Installation manual.

FXUQ100MAV1 / FXUQ125MAV1

Unit (mm)



Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare
2	Gas pipe connection	ϕ15.9 flare
3	Drain pipe connection	VP20
4	Air outlet	
5	Air suction grille	
6	Corner decoration cover	
7	Right pipe / wiring connection	
8	Rear pipe / wiring connection	
9	Pipe through cover	
10	Accessory drain elbow	

C: 3D044898C

Note)
1. Location for manufacture's label : on bell mouth.
2. This is where the signal of wireless remote controller is received. Refer to the drawing of wireless remote controller in detail.
3. When closing the discharge grill (2 or 3 way discharge), direction of pipe connection will be limited, please refer to Installation manual.

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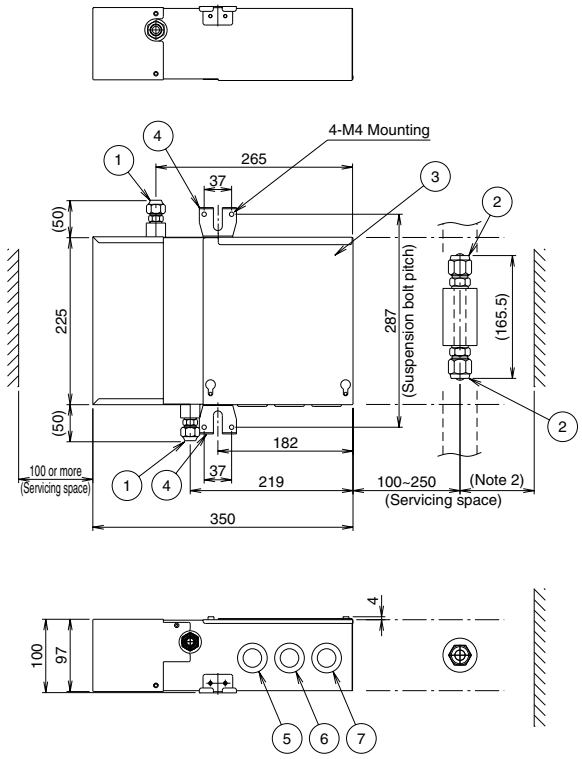
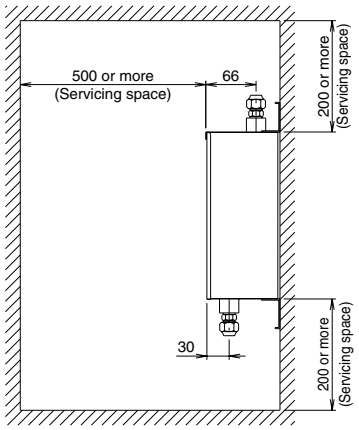
BEVQ71MAVE / BEVQ100MAVE / BEVQ125MAVE (When installing the unit on wall)

Unit (mm)





INSTALLATION FIGURE
(When installing the unit on wall)

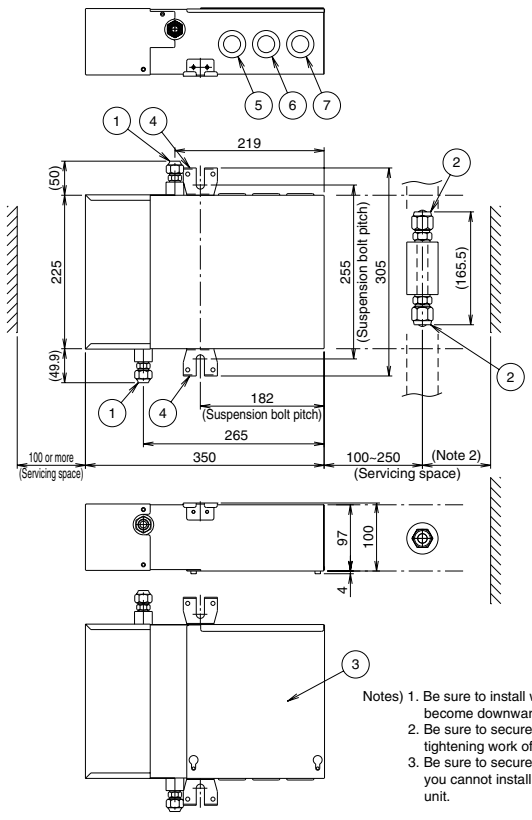
Notes) 1. Be sure to install wire connection port to be sure to become downward.
2. Be sure to secure the space which can be the tightening work of the flare nut.

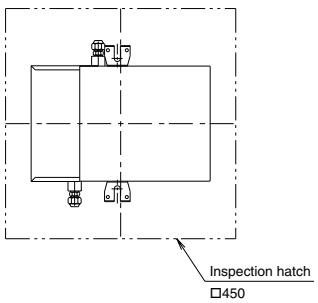
7	Wire connection port (Transmission (VRV) • Gas pipe thermistor)	
6	Wire connection port (Power supply • Ground)	
5	Wire connection port (Indoor unit connection)	
4	Suspension bolt	
3	Electric parts box	
2	Gas pipe connection port	ϕ15.9mm flare connection
1	Liquid pipe connection port	ϕ9.5mm flare connection
Number	Part name	Description

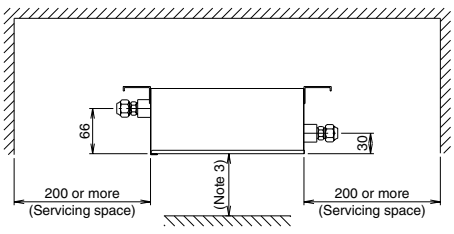
3D045389

BEVQ71MAVE / BEVQ100MAVE / BEVQ125MAVE (When hanging the unit from the ceiling)

Unit (mm)







INSTALLATION FIGURE
(When hanging the unit from the ceiling)

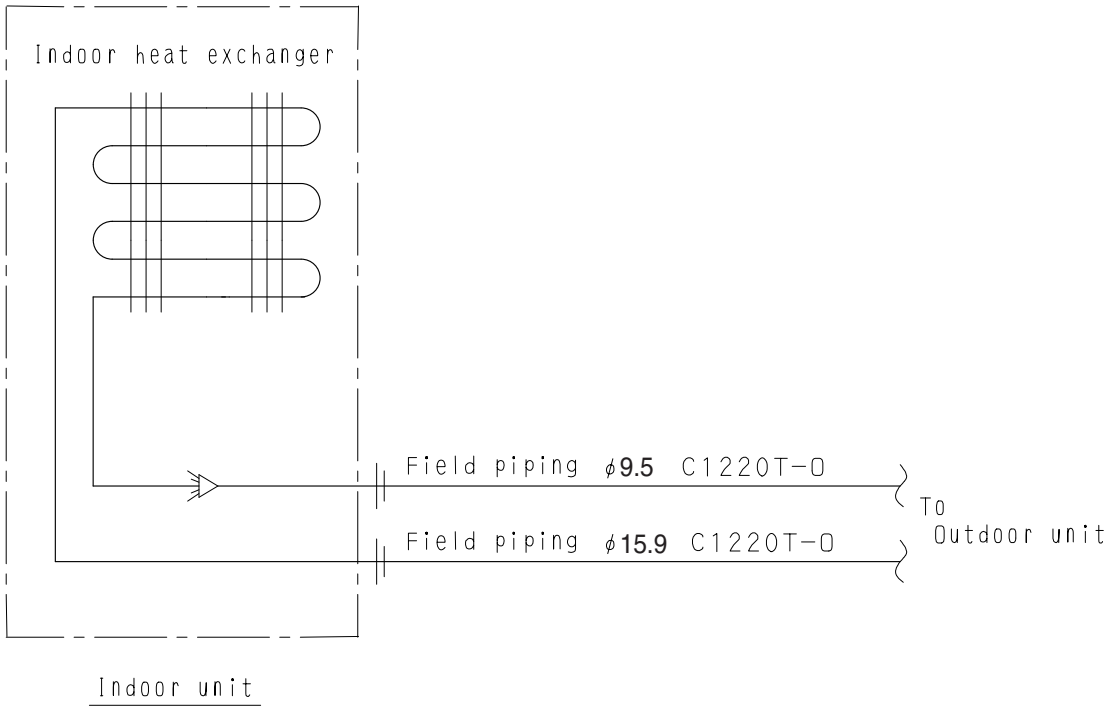
Notes) 1. Be sure to install wire connection port to be sure to become downward.
2. Be sure to secure the space which can be the tightening work of the flare nut.
3. Be sure to secure the space of 400mm or more when you cannot install the inspection hatch right under the unit.

7	Wire connection port (Transmission (VRV) • Gas pipe thermistor)	
6	Wire connection port (Power supply • Ground)	
5	Wire connection port (Indoor unit connection)	
4	Suspension bolt	
3	Electric parts box	
2	Gas pipe connection port	ϕ15.9mm flare connection
1	Liquid pipe connection port	ϕ9.5mm flare connection
Number	Part name	Description

3D045390

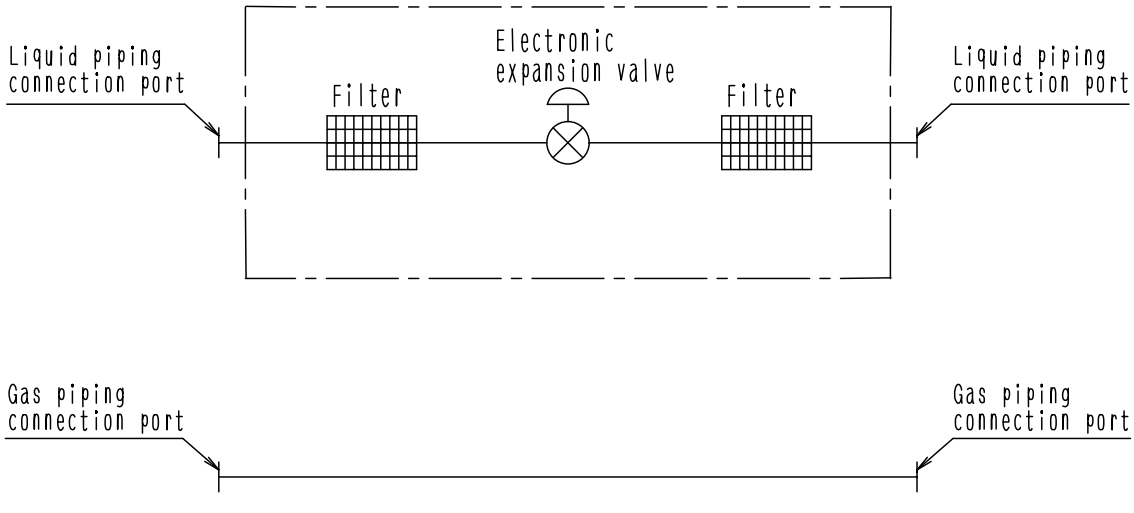
3. Piping Diagrams

FXUQ71MAV1 / FXUQ100MAV1 / FXUQ125MAV1



C: 4D037995J

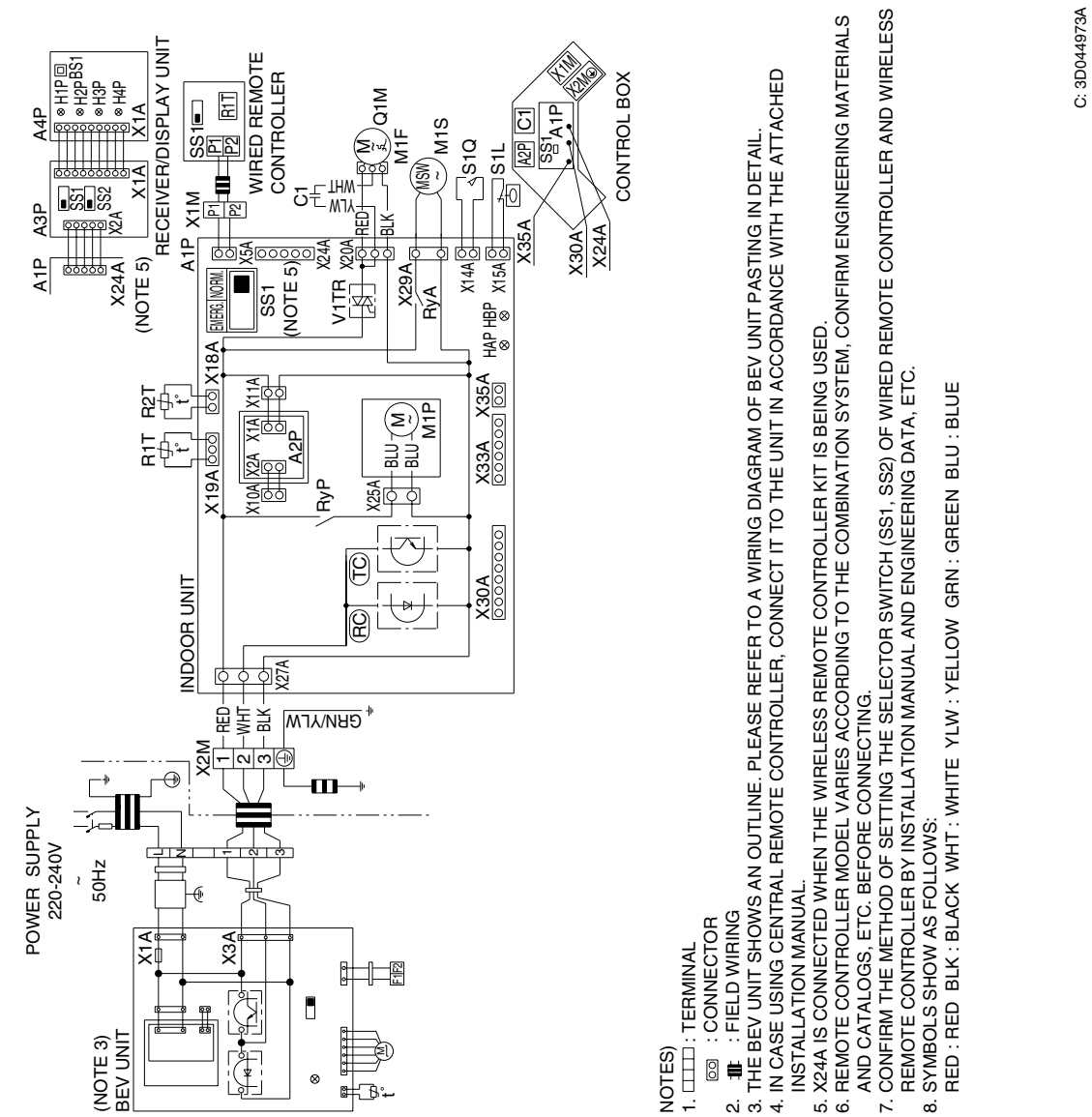
BEVQ71MAVE / BEVQ100MAVE / BEVQ125MAVE



4D034127B

4. Wiring Diagrams

FXUQ71MAV1 / FXUQ100MAV1 / FXUQ125MAV1

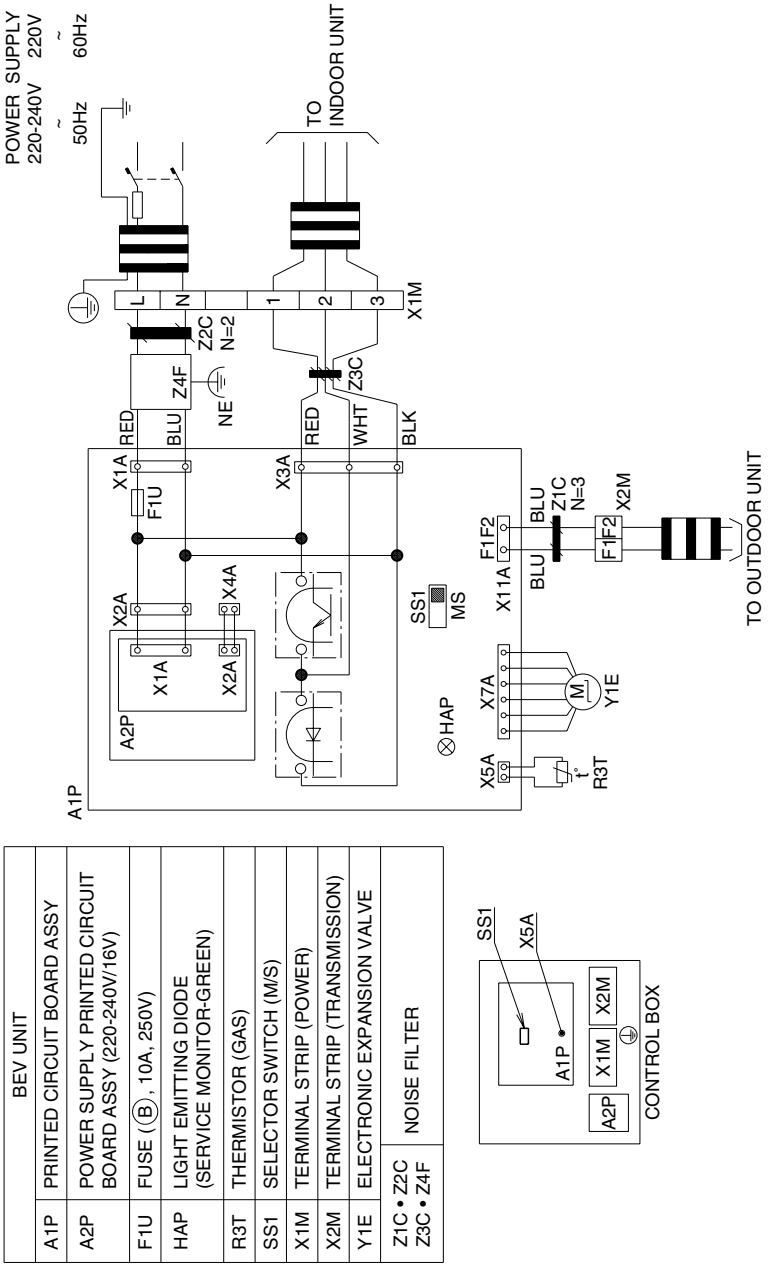


NOTES)
1. □□□□ : TERMINAL
   ⊡ : CONNECTOR
   ⏚ : FIELD WIRING
2. THE BEV UNIT SHOWS AN OUTLINE. PLEASE REFER TO A WIRING DIAGRAM OF BEV UNIT PASTING IN DETAIL.
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
4. X24A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
5. REMOTE CONTROLLER MODEL VARIES ACCORDING TO THE COMBINATION SYSTEM, CONFIRM ENGINEERING MATERIALS AND CATALOGS, ETC. BEFORE CONNECTING.
6. CONFIRM THE METHOD OF SETTING THE SELECTOR SWITCH (SS1, SS2) OF WIRED REMOTE CONTROLLER AND WIRELESS REMOTE CONTROLLER BY INSTALLATION MANUAL AND ENGINEERING DATA, ETC.
7. SYMBOLS SHOW AS FOLLOWS:
   RED : RED BLK : BLACK WHT : WHITE YLW : YELLOW GRN : GREEN BLU : BLUE

C: 3D044973A

INDOOR UNIT	
A1P	PRINTED CIRCUIT BOARD
A2P	PRINTED CIRCUIT BOARD (TRANSFORMER 220~240V/16V)
C1	CAPACITOR (M1F)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)
HBP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)
M1S	MOTOR (SWING FLAP)
M1F	MOTOR (INDOOR FAN)
M1P	MOTOR (DRAIN PUMP)
Q1M	THERMO SWITCH (M1F EMBEDDED)
R1T	THERMISTOR (AIR)
R2T	THERMISTOR (COIL)
RyA	MAGNETIC RELAY (M1A)
RyP	MAGNETIC RELAY (M1P)
S1Q	LIMIT SWITCH (SWING FLAP)
S1L	FLOAT SWITCH
SS1	SELECTOR SWITCH (EMERGENCY)
V1TR	PHASE CONTROL CIRCUIT
X1M	TERMINAL STRIP
X2M	TERMINAL STRIP
(RC)	SIGNAL RECEIVER
(TC)	SIGNAL TRANSMISSION CIRCUIT
	WIRED REMOTE CONTROLLER
R1T	THERMISTOR (AIR)
SS1	SELECTOR SWITCH (MAIN/SUB)
RECEIVER/DISPLAY UNIT (ATTACHED TO WIRELESS REMOTE CONTROLLER)	
A3P	PRINTED CIRCUIT BOARD
A4P	PRINTED CIRCUIT BOARD
BS1	PUSH BUTTON (ON/OFF)
H1P	LIGHT EMITTING DIODE (ON-RED)
H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
SS1	SELECTOR SWITCH (MAIN/SUB)
SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
	CONNECTOR FOR OPTIONAL PARTS
X24A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
X30A	CONNECTOR (INTERFACE ADAPTOR FOR SKY AIR SERIES)
X35A	CONNECTOR (GROUP CONTROL ADAPTOR)

BEVQ71MAVE / BEVQ100MAVE / BEVQ125MAVE



BEV UNIT	
A1P	PRINTED CIRCUIT BOARD ASSY
A2P	POWER SUPPLY PRINTED CIRCUIT BOARD ASSY (220-240V/16V)
F1U	FUSE (Ⓑ, 10A, 250V)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
R3T	THERMISTOR (GAS)
SS1	SELECTOR SWITCH (M/S)
X1M	TERMINAL STRIP (POWER)
X2M	TERMINAL STRIP (TRANSMISSION)
Y1E	ELECTRONIC EXPANSION VALVE
Z1C • Z2C Z3C • Z4F	NOISE FILTER

NOTES) 1. □□□ : TERMINAL ⊡⊡ : CONNECTOR
2. ═══ : FIELD WIRING
3. THIS WIRING DIAGRAM ONLY SHOWS THE BEV UNIT.
SEE THE WIRING DIAGRAMS AND INSTALLATION MANUALS FOR THE WIRING AND SETTINGS FOR THE INDOOR, OUTDOOR, AND BS UNITS.
4. SEE THE INDOOR UNIT'S WIRING DIAGRAM WHEN INSTALLING OPTIONAL PARTS FOR THE INDOOR UNIT.
5. ONLY ONE INDOOR UNIT MAY BE CONNECTED TO THE BEV UNIT.
SEE THE INDOOR UNIT'S WIRING DIAGRAM FOR WHEN CONNECTING THE REMOTE CONTROL.
6. ALWAYS USE THE SKY AIR CONNECTION ADAPTER FOR THE INDOOR UNIT WHEN USING A CENTRAL CONTROL UNIT.
REFER TO THE MANUAL ATTACHED THE UNIT WHEN CONNECTING.
7. COOL/HEAT CHANGEOVER OF INDOOR UNITS CONNECTED TO BEV UNIT CANNOT BE CARRIED OUT UNLESS THEY ARE CONNECTED TO BS UNIT.
IN CASE OF A SYSTEM WITH BEV UNIT ONLY, COOL/HEAT SELECTOR IS REQUIRED.
8. SET THE SS1 TO "M" ONLY FOR THE BEV UNIT CONNECTED TO THE INDOOR UNIT WHICH IS TO HAVE COOL/HEAT SWITCHING CAPABILITY, WHEN CONNECTING THE BS UNIT.
THE "M/S" ON THE SS1 STANDS FOR "MAIN/SUB".
THIS IS SET TO "S" WHEN SHIPPED FROM THE FACTORY.
9. CONNECT THE ATTACHED THERMISTOR TO THE R3T.
10. SYMBOLS SHOW AS FOLLOWS.
(BLU : BLUE RED : RED WHT : WHITE BLK : BLACK)

C: 3D044901B

5. Electric Characteristics

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
BEVQ71MAVE + FXUQ71MAV1	50	220-240	MAX. 264 Min. 198	0.8	15	0.045	0.6	189	169
BEVQ100MAVE + FXUQ100MAV1				1.3	15	0.090	1.0	298	278
BEVQ125MAVE + FXUQ125MAV1									

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

C: 4D034128B

6. Safety Devices Setting

Model		FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
PC board fuse		–	–	–
Fan motor thermal fuse	°C	–	–	–
Fan motor thermal protector	°C	OFF: 130±5	OFF: 130±5	OFF: 130±5

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7. Capacity Tables

7.1 Cooling Capacity

FXUQ-MA **[50Hz] Cooling capacity**

Unit size	Outdoor air temp.	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
	°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
71	10.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	10.5	6.3
	12.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	10.4	6.2
	14.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	10.3	6.2
	16.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	10.1	6.1
	18.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	10.0	6.0
	20.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	9.8	5.9
	21.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.6	6.2	9.8	5.9
	23.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.4	6.2	9.6	5.8
	25.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.3	6.1	9.5	5.7
	27.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.2	6.0	9.4	5.7
	29.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	9.0	5.9	9.2	5.7
	31.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	8.9	5.8	9.1	5.6
	33.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.5	6.0	8.7	5.8	8.9	5.6
	35.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.0	8.4	6.0	8.6	5.7	8.8	5.5
	37.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	5.9	8.3	6.0	8.5	5.8	8.7	5.4
	39.0	5.4	4.8	6.4	5.2	7.5	5.8	8.0	6.1	8.1	5.9	8.3	5.6	8.5	5.4
100	10.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	14.7	8.5
	12.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	14.5	8.4
	14.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	14.4	8.3
	16.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	14.2	8.2
	18.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	14.0	8.1
	20.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	13.8	8.0
	21.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.4	8.4	13.7	7.9
	23.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.2	8.2	13.5	7.8
	25.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	13.0	8.1	13.3	7.7
	27.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	12.8	8.0	13.1	7.7
	29.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	12.6	7.9	12.9	7.6
	31.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	12.4	7.9	12.7	7.6
	33.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.9	8.3	12.2	7.8	12.5	7.6
	35.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.8	8.3	12.1	7.7	12.3	7.4
	37.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.6	8.3	11.9	7.7	12.2	7.3
	39.0	7.6	6.6	9.0	7.1	10.5	8.0	11.2	8.2	11.4	8.2	11.7	7.6	12.0	7.3
125	10.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	18.4	10.8
	12.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	18.2	10.7
	14.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	18.0	10.5
	16.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	17.7	10.4
	18.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	17.5	10.2
	20.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	17.2	10.1
	21.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.8	10.7	17.1	10.0
	23.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.5	10.5	16.9	9.9
	25.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.3	10.4	16.6	9.9
	27.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	16.1	10.2	16.4	9.8
	29.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	15.8	10.1	16.2	9.7
	31.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	15.6	10.0	15.9	9.6
	33.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.9	10.6	15.3	9.9	15.7	9.6
	35.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.8	10.5	15.1	9.9	15.4	9.4
	37.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.5	10.5	14.9	9.8	15.2	9.4
	39.0	9.5	8.0	11.3	9.0	13.1	9.9	14.0	10.4	14.3	10.2	14.6	9.6	15.0	9.3

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

7.2 Heating Capacity

FXUQ-MA **[50Hz] Heating capacity**

Unit size	Outdoor air temp.		Indoor air temp. °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
71	-19.8	-20.0	5.3	5.3	5.3	5.3	5.3	5.3
	-18.8	-19.0	5.5	5.5	5.4	5.4	5.4	5.4
	-16.7	-17.0	5.8	5.8	5.8	5.7	5.7	5.7
	-14.7	-15.0	6.1	6.1	6.1	6.1	6.1	6.1
	-12.6	-13.0	6.4	6.4	6.4	6.4	6.4	6.4
	-10.5	-11.0	6.7	6.7	6.7	6.7	6.7	6.7
	-9.5	-10.0	6.9	6.9	6.9	6.9	6.9	6.8
	-8.5	-9.1	7.1	7.0	7.0	7.0	7.0	7.0
	-7.0	-7.6	7.3	7.3	7.3	7.3	7.2	7.2
	-5.0	-5.6	7.6	7.6	7.6	7.6	7.5	7.5
	-3.0	-3.7	7.9	7.9	7.9	7.9	7.9	7.9
	0.0	-0.7	8.4	8.4	8.3	8.3	8.3	7.9
	3.0	2.2	8.9	8.8	8.8	8.7	8.4	7.9
	5.0	4.1	9.1	9.1	9.0	8.7	8.4	7.9
	7.0	6.0	9.5	9.4	9.0	8.7	8.4	7.9
	9.0	7.9	9.8	9.6	9.0	8.7	8.4	7.9
	11.0	9.8	10.1	9.6	9.0	8.7	8.4	7.9
	13.0	11.8	10.1	9.6	9.0	8.7	8.4	7.9
	15.0	13.7	10.1	9.6	9.0	8.7	8.4	7.9
100	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3	7.3
	-18.8	-19.0	7.6	7.6	7.6	7.5	7.5	7.5
	-16.7	-17.0	8.0	8.0	8.0	8.0	8.0	8.0
	-14.7	-15.0	8.5	8.5	8.4	8.4	8.4	8.4
	-12.6	-13.0	8.9	8.9	8.9	8.9	8.9	8.8
	-10.5	-11.0	9.4	9.3	9.3	9.3	9.3	9.3
	-9.5	-10.0	9.6	9.6	9.5	9.5	9.5	9.5
	-8.5	-9.1	9.8	9.8	9.7	9.7	9.7	9.7
	-7.0	-7.6	10.1	10.1	10.1	10.1	10.1	10.0
	-5.0	-5.6	10.6	10.5	10.5	10.5	10.5	10.5
	-3.0	-3.7	11.0	11.0	10.9	10.9	10.9	10.9
	0.0	-0.7	11.6	11.6	11.6	11.6	11.6	10.9
	3.0	2.2	12.3	12.3	12.2	12.1	11.7	10.9
	5.0	4.1	12.7	12.7	12.5	12.1	11.7	10.9
	7.0	6.0	13.1	13.1	12.5	12.1	11.7	10.9
	9.0	7.9	13.5	13.3	12.5	12.1	11.7	10.9
	11.0	9.8	14.0	13.3	12.5	12.1	11.7	10.9
	13.0	11.8	14.1	13.3	12.5	12.1	11.7	10.9
	15.0	13.7	14.1	13.3	12.5	12.1	11.7	10.9
125	-19.8	-20.0	8.3	8.2	8.2	8.2	8.2	8.2
	-18.8	-19.0	8.5	8.5	8.4	8.4	8.4	8.4
	-16.7	-17.0	9.0	9.0	9.0	8.9	8.9	8.9
	-14.7	-15.0	9.5	9.5	9.5	9.4	9.4	9.4
	-12.6	-13.0	10.0	10.0	10.0	10.0	9.9	9.9
	-10.5	-11.0	10.5	10.5	10.4	10.4	10.4	10.4
	-9.5	-10.0	10.8	10.7	10.7	10.7	10.7	10.6
	-8.5	-9.1	11.0	10.9	10.9	10.9	10.9	10.8
	-7.0	-7.6	11.3	11.3	11.3	11.3	11.2	11.2
	-5.0	-5.6	11.8	11.8	11.8	11.8	11.7	11.7
	-3.0	-3.7	12.3	12.3	12.3	12.2	12.2	12.2
	0.0	-0.7	13.0	13.0	13.0	13.0	13.0	12.2
	3.0	2.2	13.8	13.7	13.7	13.6	13.1	12.2
	5.0	4.1	14.2	14.2	14.0	13.6	13.1	12.2
	7.0	6.0	14.7	14.7	14.0	13.6	13.1	12.2
	9.0	7.9	15.2	14.9	14.0	13.6	13.1	12.2
	11.0	9.8	15.6	14.9	14.0	13.6	13.1	12.2
	13.0	11.8	15.8	14.9	14.0	13.6	13.1	12.2
	15.0	13.7	15.8	14.9	14.0	13.6	13.1	12.2

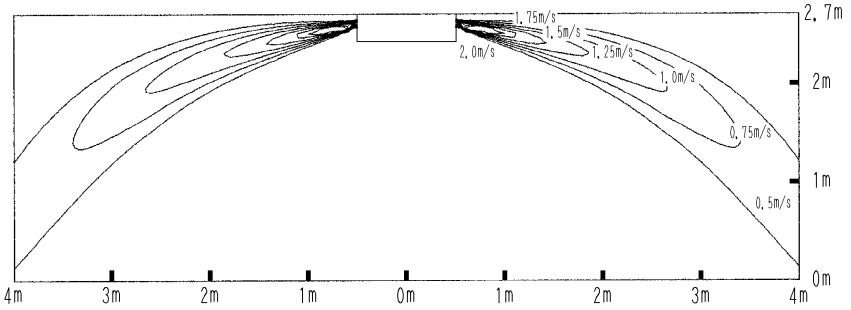
Refer to outdoor unit capacity tables for the actual performance data of each indoor and outdoor unit combination.

8. Air Velocity and Temperature Distributions (Reference Data)

FXUQ71MAV1 (Cooling)

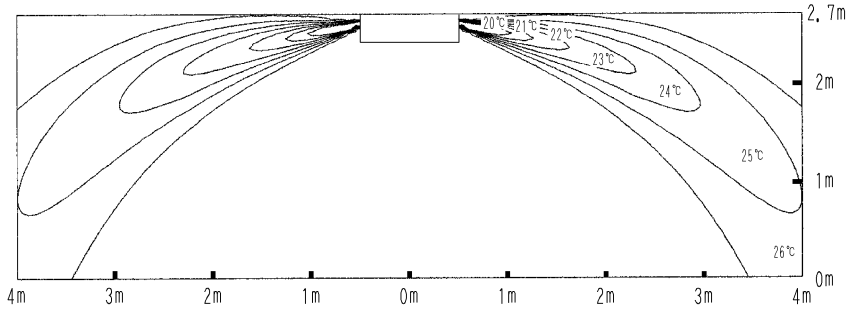
COOLING • AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



COOLING • AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



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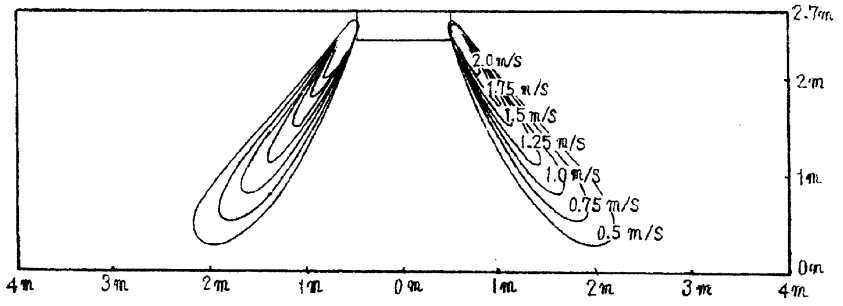
FXUQ71MAV1 (Heating)

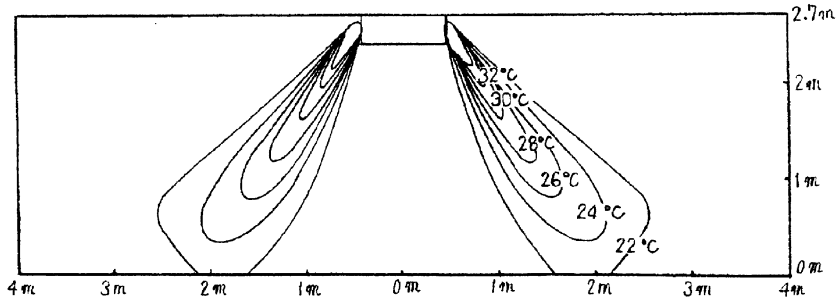
HEATING • AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



HEATING • AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



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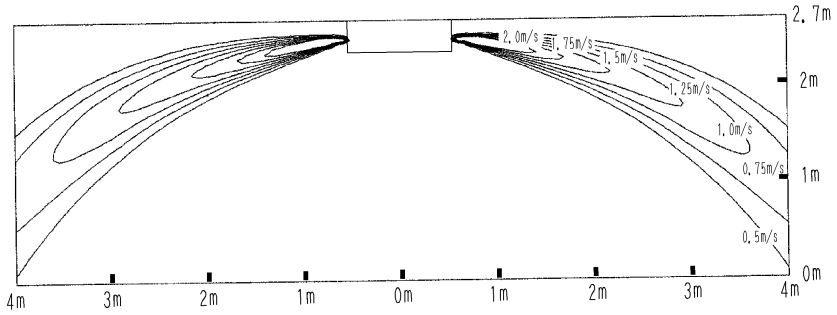
FXUQ100MAV1 (Cooling)

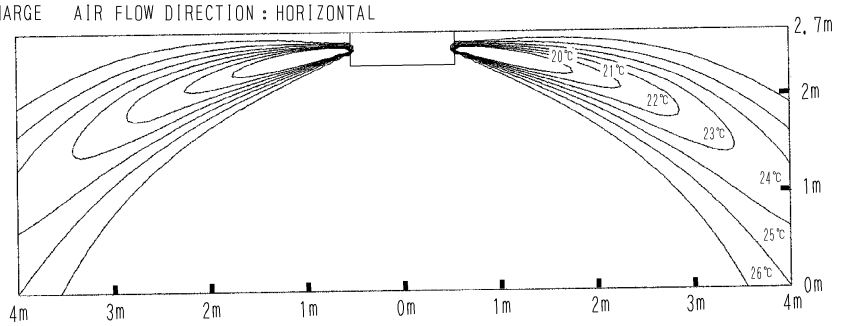
COOLING・AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



COOLING・AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



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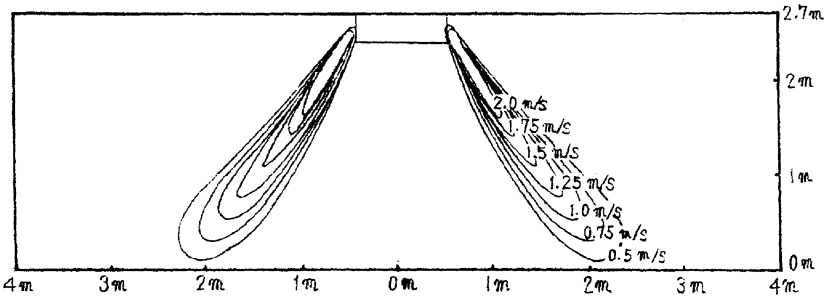
FXUQ100MAV1 (Heating)

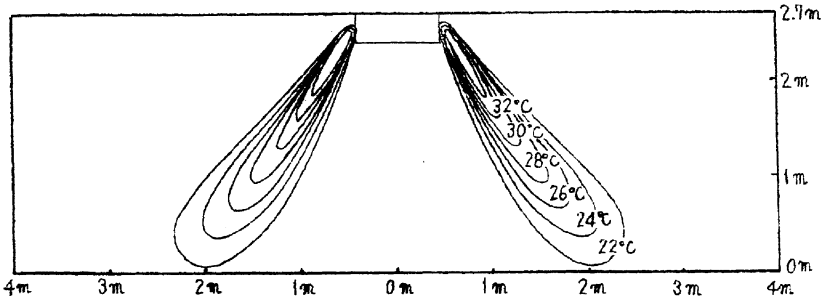
HEATING・AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



HEATING・AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



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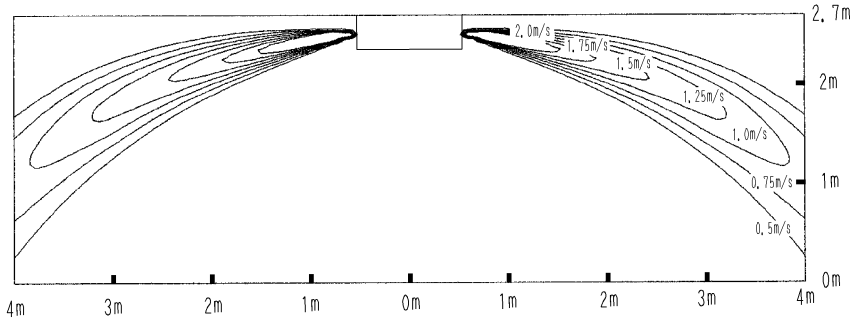
FXUQ125MAV1 (Cooling)

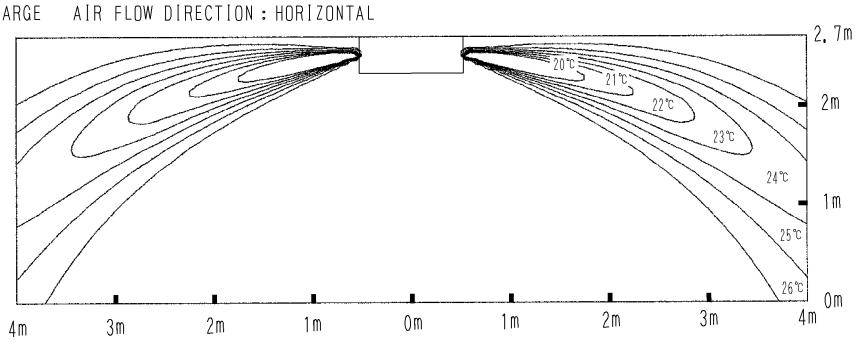
COOLING • AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



COOLING • AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : HORIZONTAL



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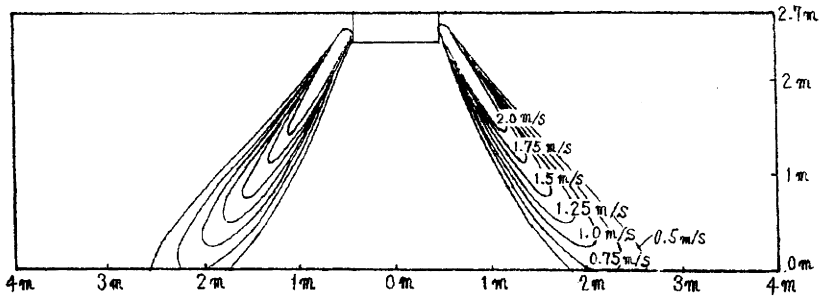
FXUQ125MAV1 (Heating)

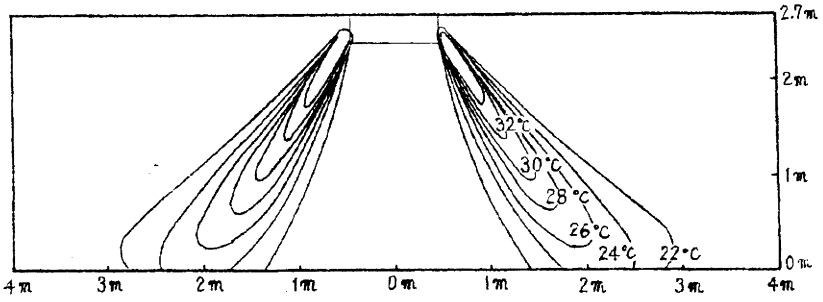
HEATING • AIR VELOCITY DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



HEATING • AIR TEMPERATURE DISTRIBUTION

4 WAY DISCHARGE AIR FLOW DIRECTION : DOWN



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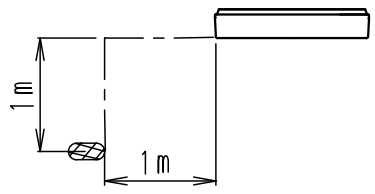
9. Sound Levels

Overall

Location of microphone



dB(A)

Model	230V, 50Hz	
	H	L
FXUQ71MAV1	40	35
FXUQ100MAV1	43	38
FXUQ125MAV1	44	39

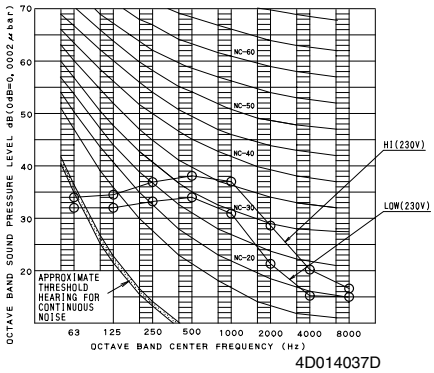
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipments installed.

Octave Band Level

○——○ 230V, 50Hz

FXUQ71MAV1



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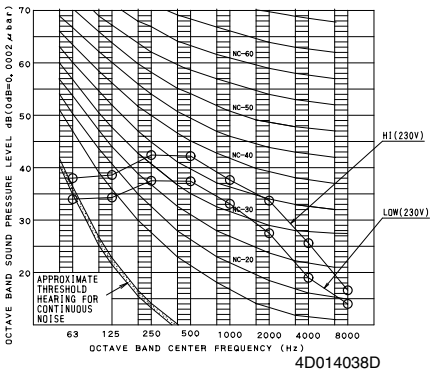
FXUQ100MAV1



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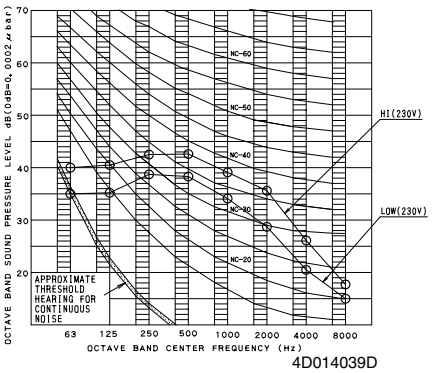
FXUQ125MAV1



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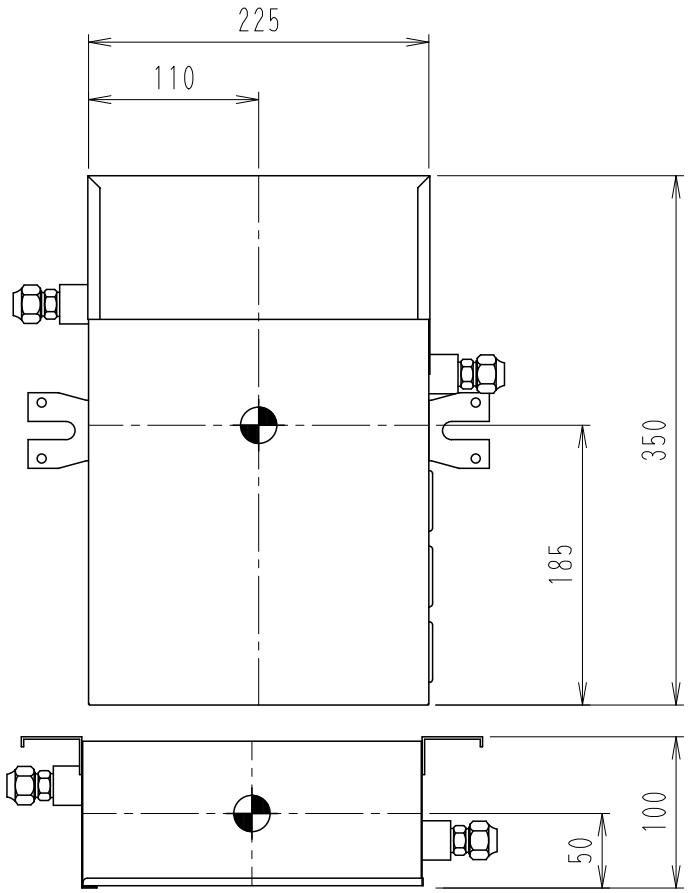
10. Centre of Gravity

BEVQ71MAVE / BEVQ100MAVE / BEVQ125MAVE

Unit (mm)



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11. Accessories

11.1 Optional Accessories (for Indoor Unit)

Model	FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
Sealing member of air discharge outlet	KDBH49FA80	KDBH49FA140	
Decoration panel for air discharge	KDBT49FA80	KDBT49FA140	
Vertical flap kit	KDGJ49FA80	KDGJ49FA140	
Replacement long life filter	KAF495FA140		
L connection piping kit	KHFP49MA140		

C: 3D045452A

11.2 Optional Accessories (for Controls)

Refer to page 512.

Part 3
Outdoor
Air Processing Unit

FXMQ-MF
Outdoor Air Processing Unit 225

FXMQ-MF
Outdoor Air Processing Unit

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11.2 Optional Accessories (For Operation Controls) 243

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1. Specifications

Model				FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Power Supply				1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
★1 Cooling Capacity			kcal/h	12,000	19,300	24,100
			Btu/h	47,800	76,400	95,500
			kW	14.0	22.4	28.0
★2 Heating Capacity			kcal/h	7,700	12,000	15,000
			Btu/h	30,400	47,400	59,400
			kW	8.9	13.9	17.4
Casing				Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions: (H×W×D)			mm	470×744×1,100	470×1,380×1,100	470×1,380×1,100
Coil (Cross Fin Coil)	Rows×Stages×Fin Pitch		mm	3×26×2.0	3×26×2.0	3×26×2.0
	Face Area		m^2	0.28	0.65	0.65
Fan	Model			D13/4G2DA1	D13/4G2DA1	D13/4G2DA1
	Type			Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output × Number of Units		W	380×1	380×1	380×1
	Airflow Rate (H/L)		m^3/min	18	28	35
			l/s	300	466	583
			cfm	635	988	1,236
	External Static Pressure	220V, 50Hz	Pa	185	225	205
		240V, 50Hz		225	275	255
	Drive			Direct Drive	Direct Drive	Direct Drive
Temperature Control				Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating
Sound Absorbing Thermal Insulation Material				Glass Fiber	Glass Fiber	Glass Fiber
Air Filter				★4	★4	★4
Piping Connections	Liquid Pipes		mm	ϕ9.5 (Flare Connection)	ϕ9.5 (Flare Connection)	ϕ9.5 (Flare Connection)
	Gas Pipes		mm	ϕ15.9 (Flare Connection)	ϕ19.1 (Brazing Connection)	ϕ22.2 (Brazing Connection)
	Drain Pipe		mm	PS1B (female thread)	PS1B (female thread)	PS1B (female thread)
Mass (Weight)			kg	86	123	123
Sound Level ★5		220V, 50Hz	dB(A)	42	47	47
		240V, 50Hz		43	48	48
Safety Devices				Fuse. Thermal Protector for Fan Motor.	Fuse. Thermal Protector for Fan Motor.	Fuse. Thermal Protector for Fan Motor.
Refrigerant Control				Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories				Operation Manual. Installation Manual. Sealing Pads. Screws. Clamps.	Operation Manual. Installation Manual. Sealing Pads. Connection Pipes. Screws. Clamps.	Operation Manual. Installation Manual. Sealing Pads. Connection Pipes. Screws. Clamps.
Connectable Outdoor Units ★6, ★7				R-410A P(A) series	R-410A P(A) series	R-410A P(A) series
Drawing No.				C: 3D046147B	C: 3D046147B	C: 3D046147B

Notes:

★1. Nominal cooling capacities are based on the following conditions:
Outdoor temperature: 33°CDB, 28°CWB (68% RH)
Discharge set temp.: 18°CDB
Equivalent ref. piping: 7.5m (Horizontal)

★2. Nominal heating capacities are based on the following conditions:
Outdoor temperature: 0°CDB, –2.9°CWB (50% RH)
Discharge set temp.: 25°CDB
Equivalent ref. piping: 7.5m (Horizontal)

3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side.
Select its dust collection efficiency (gravity method) 50% or more.

★5. Anechoic chamber conversion value, measured at a point 1.5m downward from the unit centre.
These values are normally somewhat higher during actual operation as a result of ambient conditions.

★6. It is possible to connect the outdoor unit the total capacity of the indoor unit is 50% to 100% of the capacity index of the outdoor unit.
• This equipment cannot be incorporated into the remote group control of the VRV III system.

★7. When outdoor-air processing units and standard indoor units are connected, the total connection capacity of the outdoor-air processing units must not exceed 30% of that of the outdoor units.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

2. Dimensions

2.1 Indoor Units

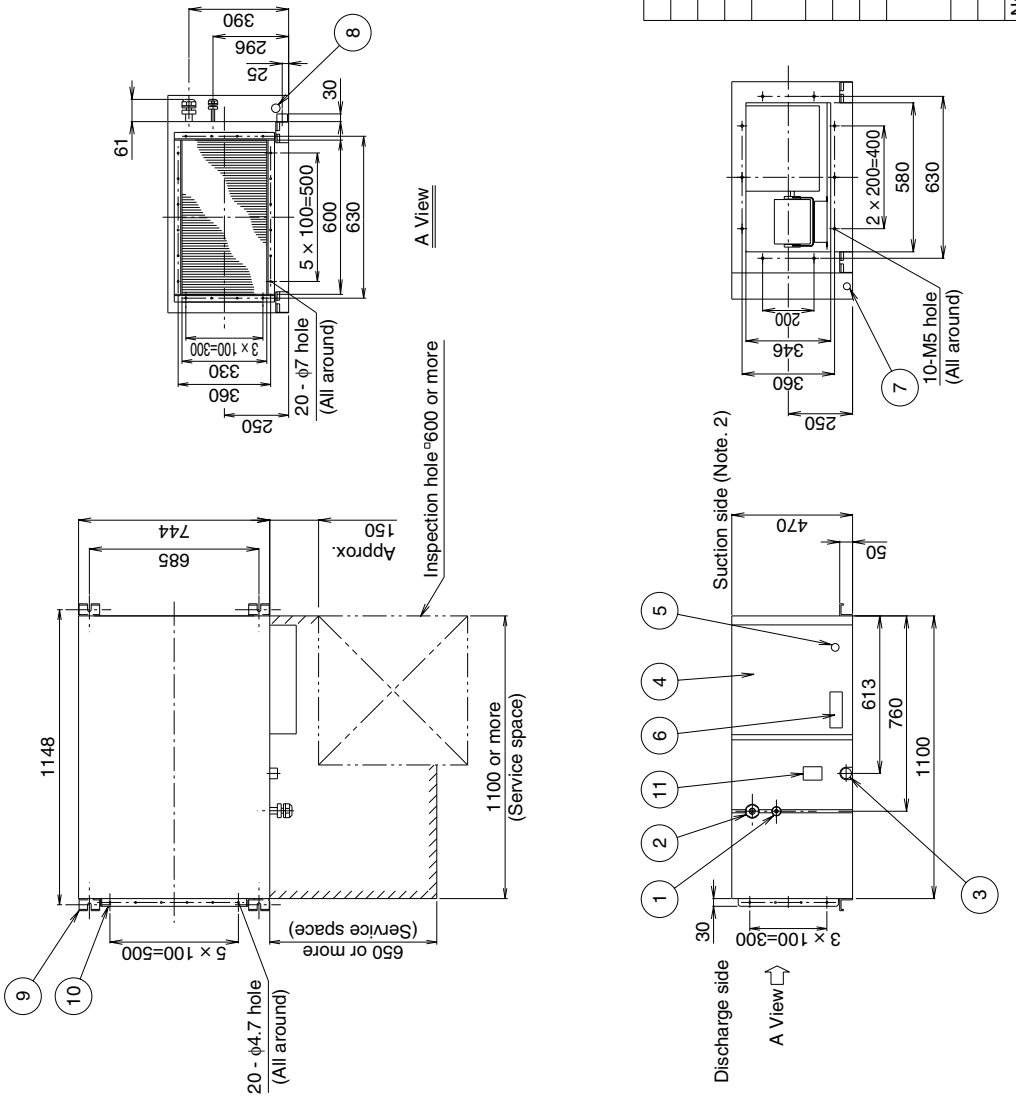
FXMQ125MFV1

Unit (mm)

3D045129A

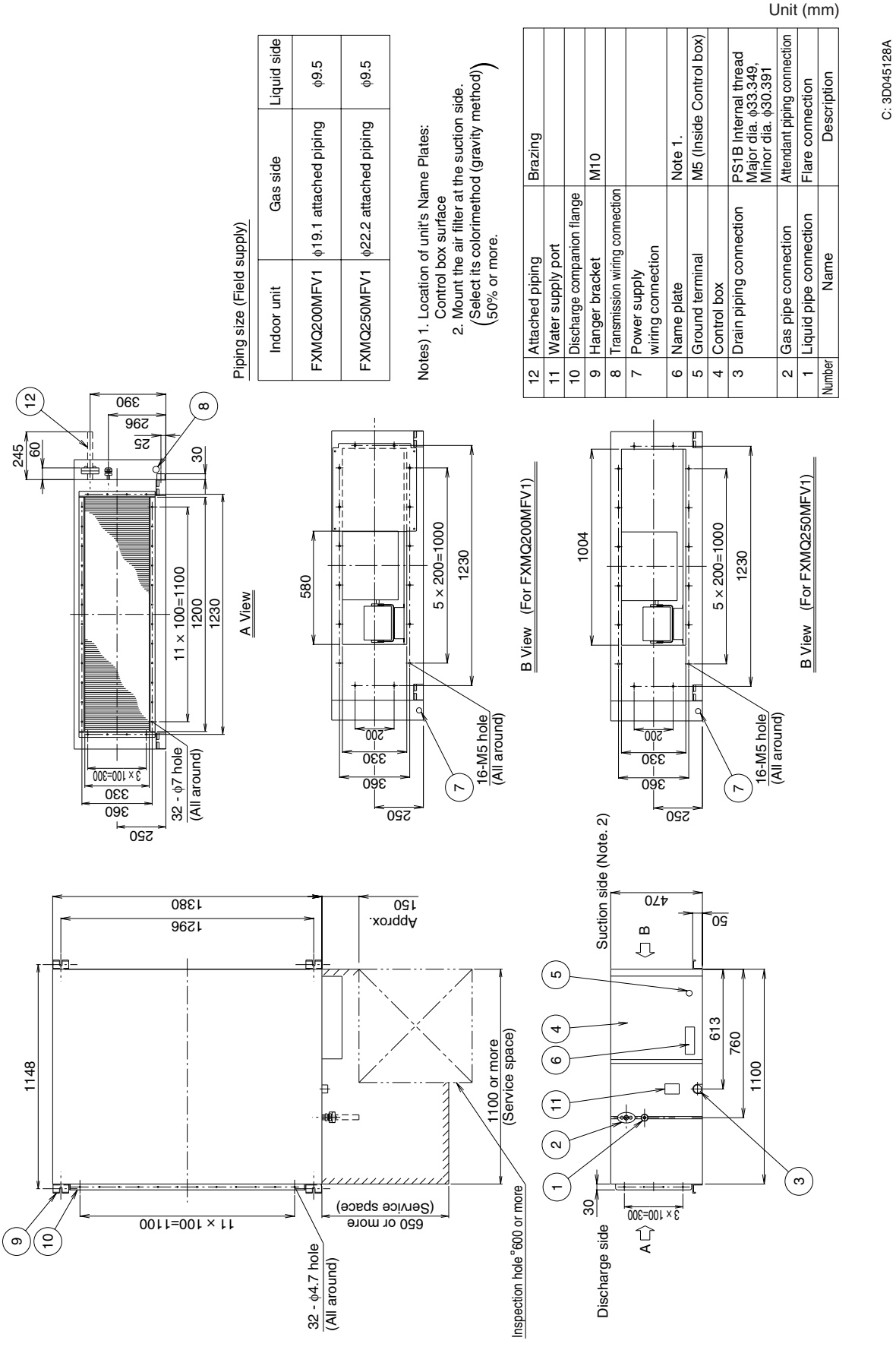
Number	Name	Description
11	Water supply port	
10	Discharge companion flange	
9	Hanger bracket	M10
8	Transmission wiring connection	
7	Power supply wiring connection	Note. 1
6	Name plate	M5 (Inside Control box)
5	Ground terminal	
4	Control box	PS1B Internal thread Major dia. ϕ33.349, Minor dia. ϕ30.391
3	Drain piping connection	ϕ15.9 Flare connection
2	Gas pipe connection	ϕ9.5 Flare connection
1	Liquid pipe connection	

Notes) 1. Location of unit's Name Plates:
Control box surface
2. Mount the air filter at the suction side.
(Select its colorimethod (gravity method) 50% or more.)



FXMQ200MFV1 / FXMQ250MFV1

Unit (mm)



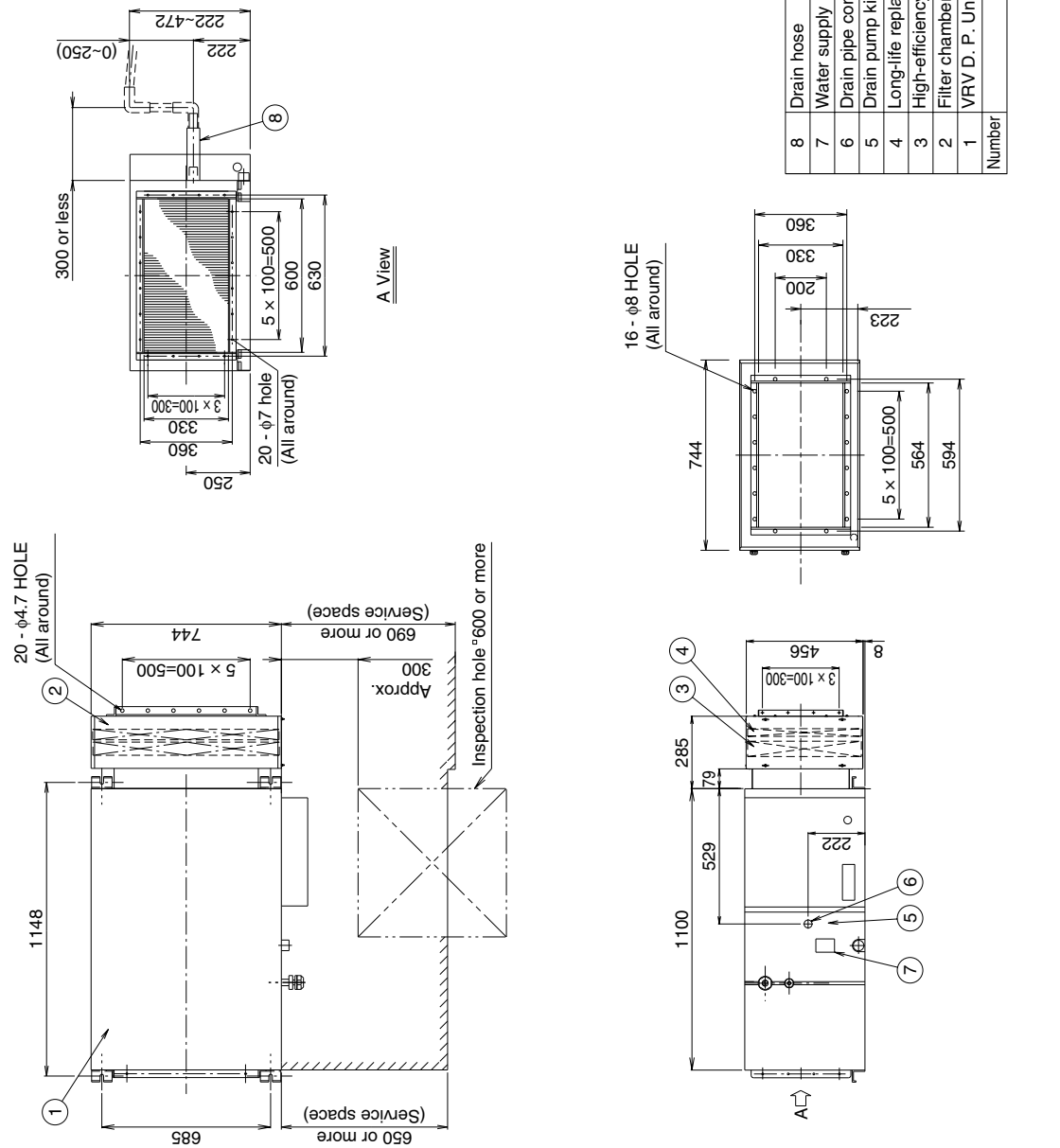
2.2 Dimensions with Option

FXMQ125MFV1

Unit (mm)

C: 3D046155

Number	Name	Description
8	Drain hose	Attached to Drain pump kit
7	Water supply port	
6	Drain pipe connection (drain pump kit)	VP25(O. D ϕ32, I. D ϕ25)
5	Drain pump kit	Built-in
4	Long-life replacement filter	
3	High-efficiency filter	
2	Filter chamber	
1	VRV D. P. Unit C. duct type	

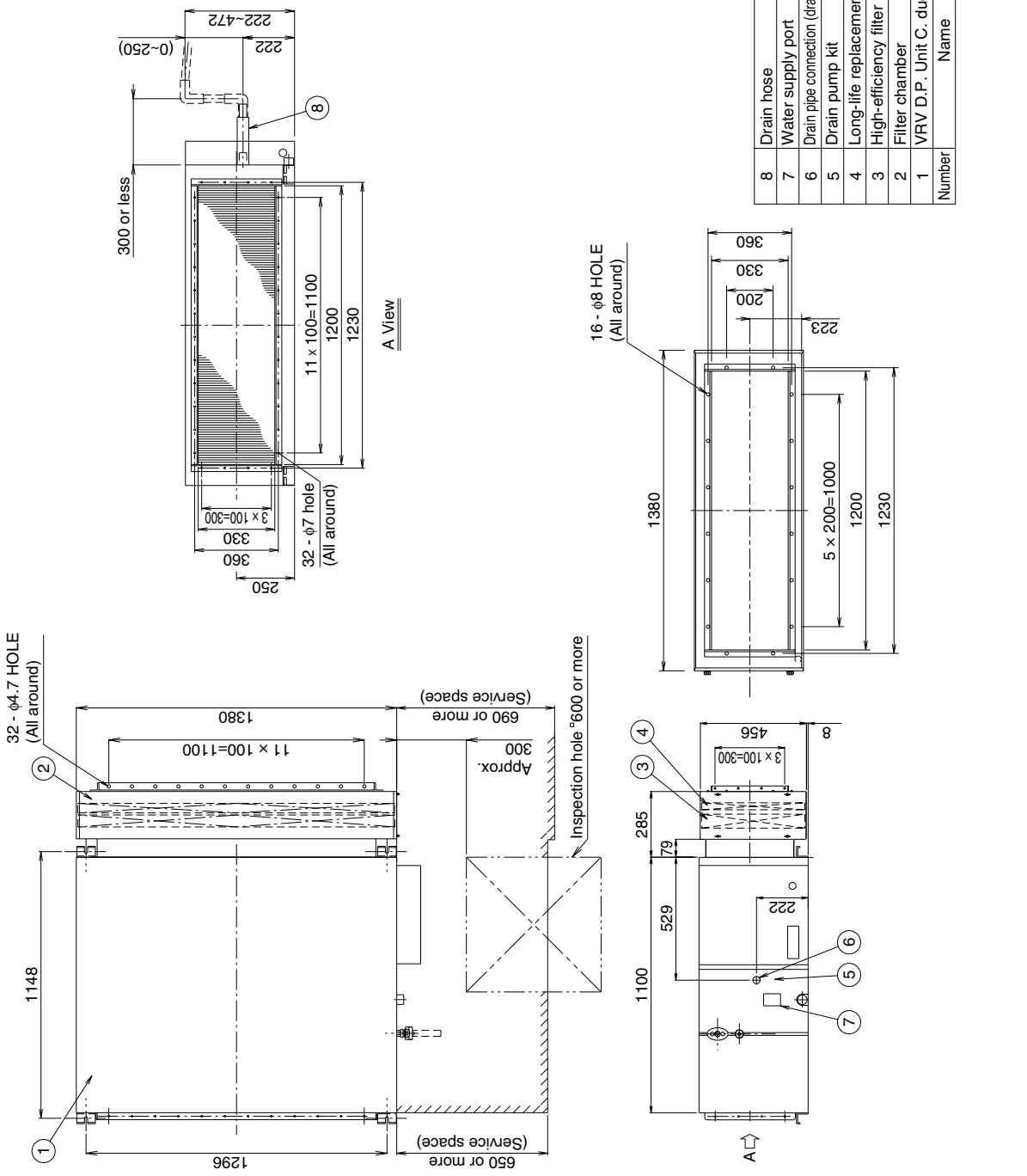


FXMQ200MFV1 / FXMQ250MFV1

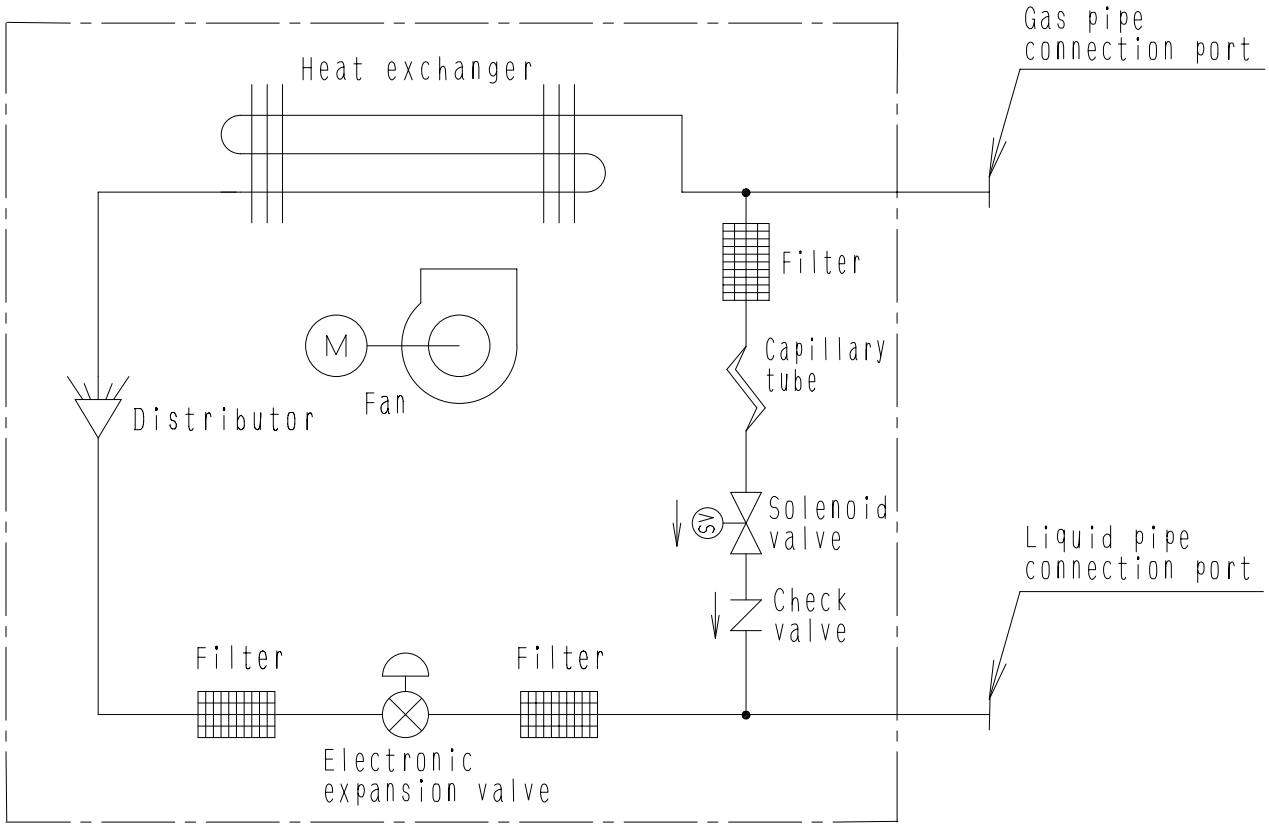
Unit (mm)

C: 3D046154

Number	Name	Description
8	Drain hose	Attached to Drain pump kit
7	Water supply port	
6	Drain pipe connection (drain pump kit)	VP25 (O. D ϕ32, I. D ϕ25)
5	Drain pump kit	Built-in
4	Long-life replacement filter	
3	High-efficiency filter	
2	Filter chamber	
1	VRV D.P. Unit C. duct type	



3. Piping Diagrams



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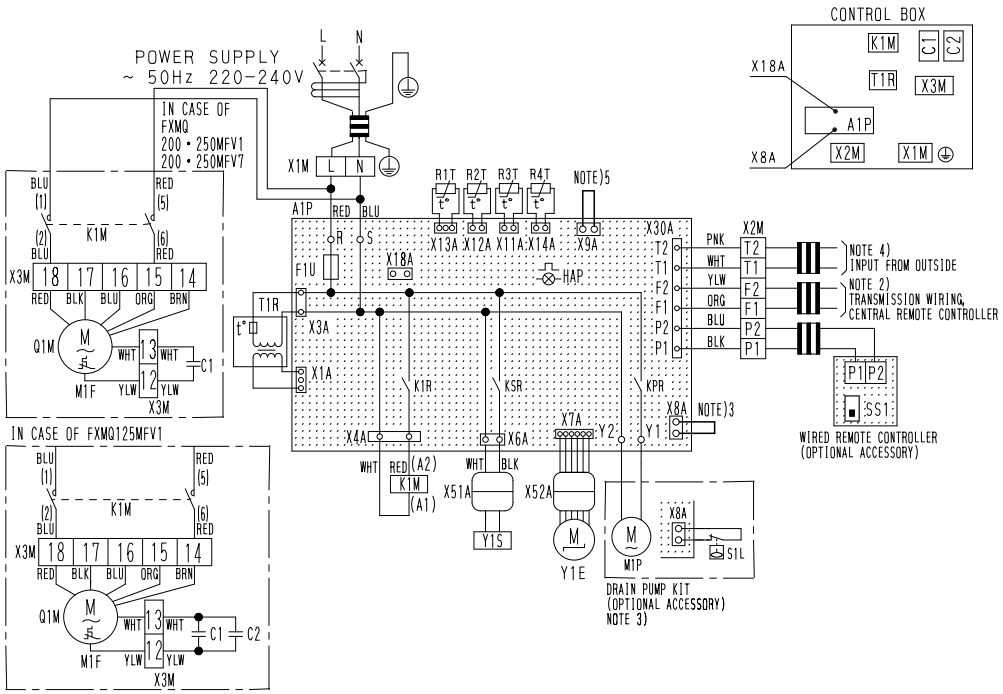
4. Wiring Diagrams

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1

INDOOR UNIT		X1M	TERMINAL BLOCK(POWER)
A1P	PRINTED CIRCUIT BOARD	X2M	TERMINAL BLOCK(CONTROL)
C1, C2	CAPACITOR(M1F)	X3M	TERMINAL BLOCK
F1U	FUSE(Ⓑ, 5A, 250V)(A1P)	X51A, X52A	CONNECTOR
HAP	LIGHT EMMITING DIODE	Y1E	ELECTRIC EXPANSION VALVE
	(SERVICE MONITOR-GREEN)	Y1S	SOLENOID VALVE(HOT GAS)
K1M	MAGNETIC RELAY(M1F)		
K1R	MAGNETIC RELAY(M1F)	OPTIONAL PARTS	
KPR	MAGNETIC RELAY(M1P)	M1P	MOTOR(DRAIN PUMP)
KSR	MAGNETIC RELAY(Y1S)	S1L	FLOAT SWITCH(DRAIN PUMP)
M1F	MOTOR(FAN)		
Q1M	THERMAL PROTECTOR	WIRED REMOTE CONTROLLER	
	(M1F EMBEDDED 135℃)	SS1	SELECT SWITCH(MAIN/SUB)
R1T	THERMISTOR(SUCTION AIR)		
R2T	THERMISTOR(COIL, LIQUID)	CONNECTOR FOR OPTIONAL PARTS	
R3T	THERMISTOR(COIL, GAS)	X18A	CONNECTOR(WIRING ADAPTOR
R4T	THERMISTOR(DISCHARGE AIR)		FOR ELECTRICAL APPENDICES)
T1R	TRANSFORMAR(220-240V/22V)		

NOTES)
1. ▭▭▭:TERMINAL BLOCK, ▭▭, D— :CONNECTOR, —○— :TERMINAL.
   ▭ :SHORT CIRCUIT CONNECTOR, ═▮▮═ :FIELD WIRING.
2. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
3. IN CASE INSTALLING THE DRAIN PUMP KIT, REMOVE THE SHORT CIRCUIT CONNECTOR OF X8A AND EXECUTE THE ADDITIONAL WIRING FOR FLOAT SWITCH AND DRAIN PUMP.
4. IN CASE CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER.
   IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED TO THE UNIT.
5. DO NOT REMOVE SHORT CIRCUIT CONNECTOR OF X9A.
6. SYMBOLS SHOW AS FOLLOWS. (PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)



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5. Electric Characteristics

Units					Power supply		IFM		Input(W)	
Model	Type	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ125MFV1	V1	50	220-240	MAX. 264 Min. 198	1.9	15	0.380	1.5	359	359
FXMQ200MFV1					3.3	15	0.380	2.6	548	548
FXMQ250MFV1					3.8	15	0.380	3.0	638	638

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Capacity Tables

FXMQ125MFV1

Cooling

Outdoor temperature	°C WB							
°C DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	3.6	3.8	-	-	-	-	-	-
22.0	3.6	3.8	5.1	-	-	-	-	-
25.0	3.6	3.8	5.1	6.8	-	-	-	-
27.0	-	3.8	5.1	6.7	-	-	-	-
29.0	-	-	5.1	6.7	11.0	-	-	-
31.0	-	-	5.0	6.6	10.9	14.1	-	-
33.0	-	-	5.0	6.5	10.8	[14.0]	16.4	-
35.0	-	-	-	6.4	10.7	13.9	16.3	17.4

Heating

Outdoor temperature	°C WB								
°C DB	-7.0	-5.2	-2.9	0.0	2.0	4.0	6.0	10.0	14.0
	Capacity								
	kW	kW	kW	kW	kW	kW	kW	kW	kW
-5.0	9.7	9.7	-	-	-	-	-	-	-
0.0	-	-	[8.9]	-	-	-	-	-	-
3.0	-	-	7.9	7.9	7.9	-	-	-	-
7.0	-	-	-	-	6.4	6.4	6.4	-	-
11.0	-	-	-	-		5.0	5.0	5.0	-
15.0	-	-	-	-		-	3.6	3.6	3.6

Notes:

1. The above capacities are based on the following conditions:
   Air discharge temperature setting: 18°C for cooling operation,
   25°C for heating (Factory setting).
   Equivalent piping length: 7.5m
   Level difference: 0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in [ ] means rated capacity.

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FXMQ200MFV1

Cooling

Outdoor temperature	°C WB							
°C DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	5.7	6.1	-	-	-	-	-	-
22.0	5.7	6.1	8.2	-	-	-	-	-
25.0	5.7	6.1	8.2	10.8	-	-	-	-
27.0	-	6.1	8.1	10.7	-	-	-	-
29.0	-	-	8.1	10.6	17.6	-	-	-
31.0	-	-	8.0	10.5	17.4	22.6	-	-
33.0	-	-	8.0	10.3	17.3	**22.4**	26.2	-
35.0	-	-	-	10.2	17.1	22.2	26.1	27.8

Heating

Outdoor temperature	°C WB								
°C DB	-7.0	-5.2	-2.9	0.0	2.0	4.0	6.0	10.0	14.0
	Capacity								
	kW	kW	kW	kW	kW	kW	kW	kW	kW
-5.0	15.0	15.0	-	-	-	-	-	-	-
0.0	-	-	**13.9**	-	-	-	-	-	-
3.0	-	-	12.2	12.2	12.2	-	-	-	-
7.0	-	-	-	-	10.0	10.0	10.0	-	-
11.0	-	-	-	-		7.8	7.8	7.8	-
15.0	-	-	-	-		-	5.6	5.6	5.6

Notes:

1. The above capacities are based on the following conditions:
   Air discharge temperature setting: 18°C for cooling operation,
   25°C for heating (Factory setting).
   Equivalent piping length: 7.5m
   Level difference: 0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in ☐ means rated capacity.

13

4D046309

FXMQ250MFV1

Cooling

Outdoor temperature	°C WB							
°C DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	7.1	7.6	-	-	-	-	-	-
22.0	7.1	7.6	10.2	-	-	-	-	-
25.0	7.1	7.6	10.2	13.5	-	-	-	-
27.0	-	7.6	10.1	13.4	-	-	-	-
29.0	-	-	10.1	13.3	22.0	-	-	-
31.0	-	-	10.0	13.1	21.8	28.2	-	-
33.0	-	-	10.0	12.9	21.6	**28.0**	32.8	-
35.0	-	-	-	12.8	21.4	27.8	32.6	34.8

Heating

Outdoor temperature	°C WB								
°C DB	-7.0	-5.2	-2.9	0.0	2.0	4.0	6.0	10.0	14.0
	Capacity								
	kW	kW	kW	kW	kW	kW	kW	kW	kW
-5.0	18.8	18.8	-	-	-	-	-	-	-
0.0	-	-	**17.4**	-	-	-	-	-	-
3.0	-	-	15.3	15.3	15.3	-	-	-	-
7.0	-	-	-	-	12.5	12.5	12.5	-	-
11.0	-	-	-	-		9.8	9.8	9.8	-
15.0	-	-	-	-		-	7.0	7.0	7.0

Notes:

1. The above capacities are based on the following conditions:
   Air discharge temperature setting: 18°C for cooling operation,
   25°C for heating (Factory setting).
   Equivalent piping length: 7.5m
   Level difference: 0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in [ ] means rated capacity.

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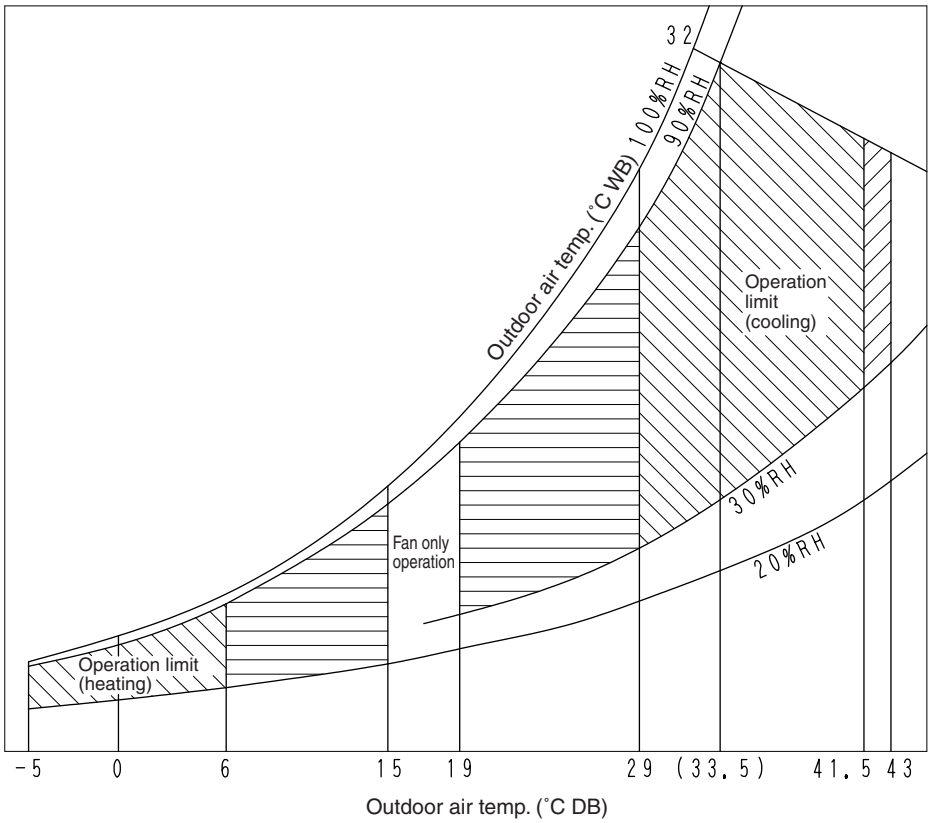
7. Operation Limits

FXMQ125MFV1



NOTE
1) These figures assume the following operating conditions. (Indoor and outdoor units)
Equivalent pipe length: 7.5m
Level difference: 0m

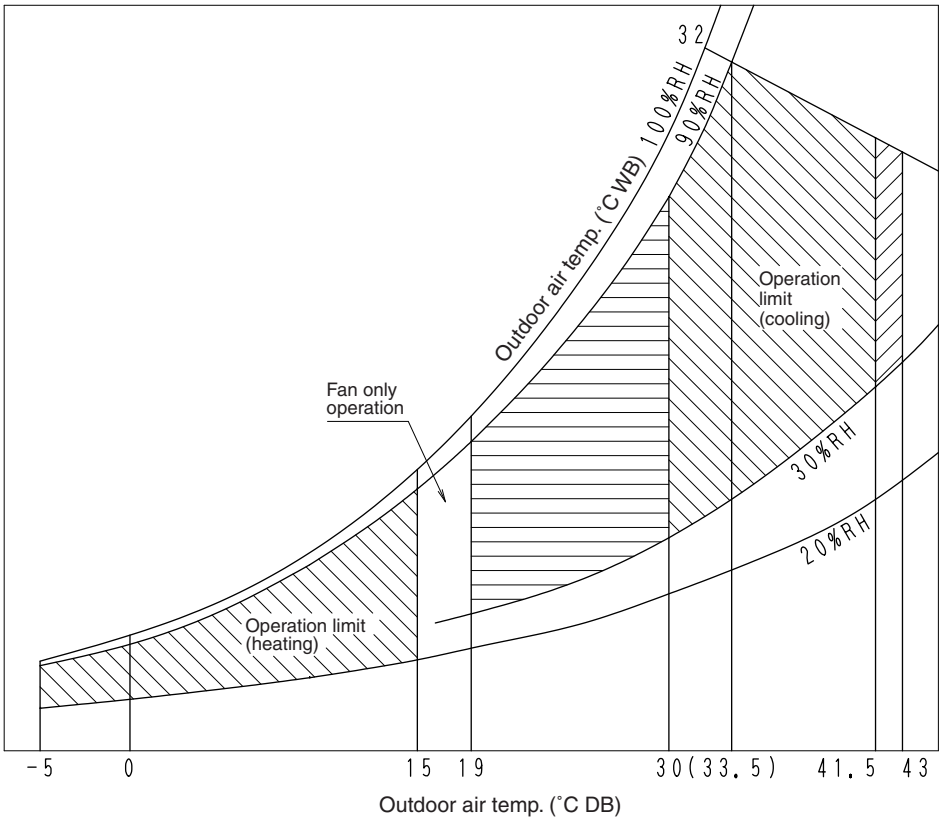
2) ▭ :The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity. Thermostat OFF may be carried out.

3) ▨: The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air temperature is 5˚C or below.

C: 3D046312

FXMQ200MFV1



NOTE
1) These figures assume the following operating conditions. (Indoor and outdoor units)
Equivalent pipe length: 7.5m
Level difference: 0m

2) ▭ :The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity. Thermostat OFF may be carried out.

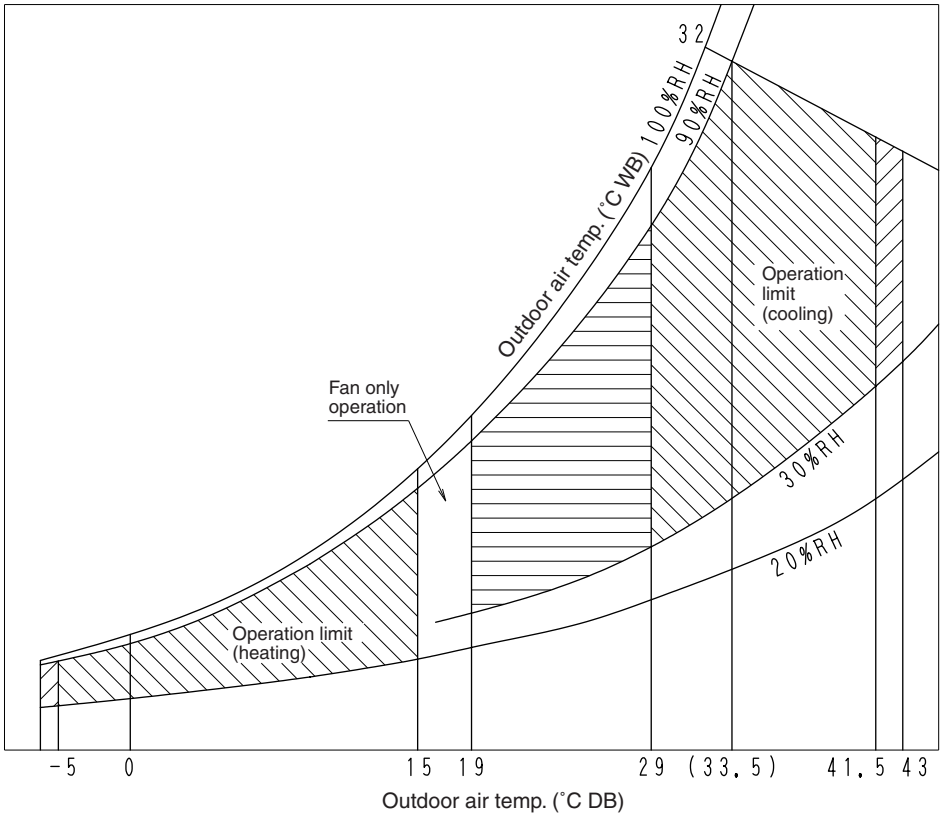
3) ▨: The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air temperature is 5˚C or below.

C: 3D047750

13

FXMQ250MFV1



NOTE
1) These figures assume the following operating conditions. (Indoor and outdoor units)
Equivalent pipe length: 7.5m
Level difference: 0m

2) ▭ :The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity.
Thermostat OFF may be carried out.

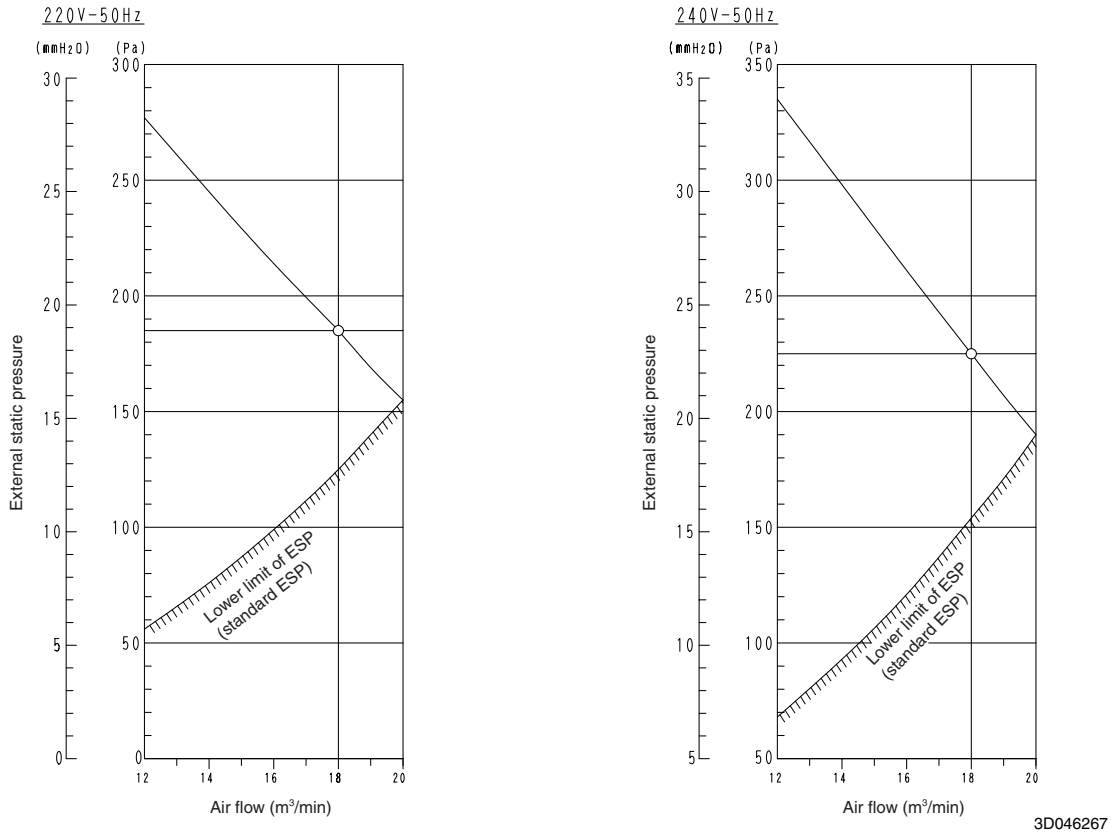
3) ▨: The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air temperature is 5˚C or below.

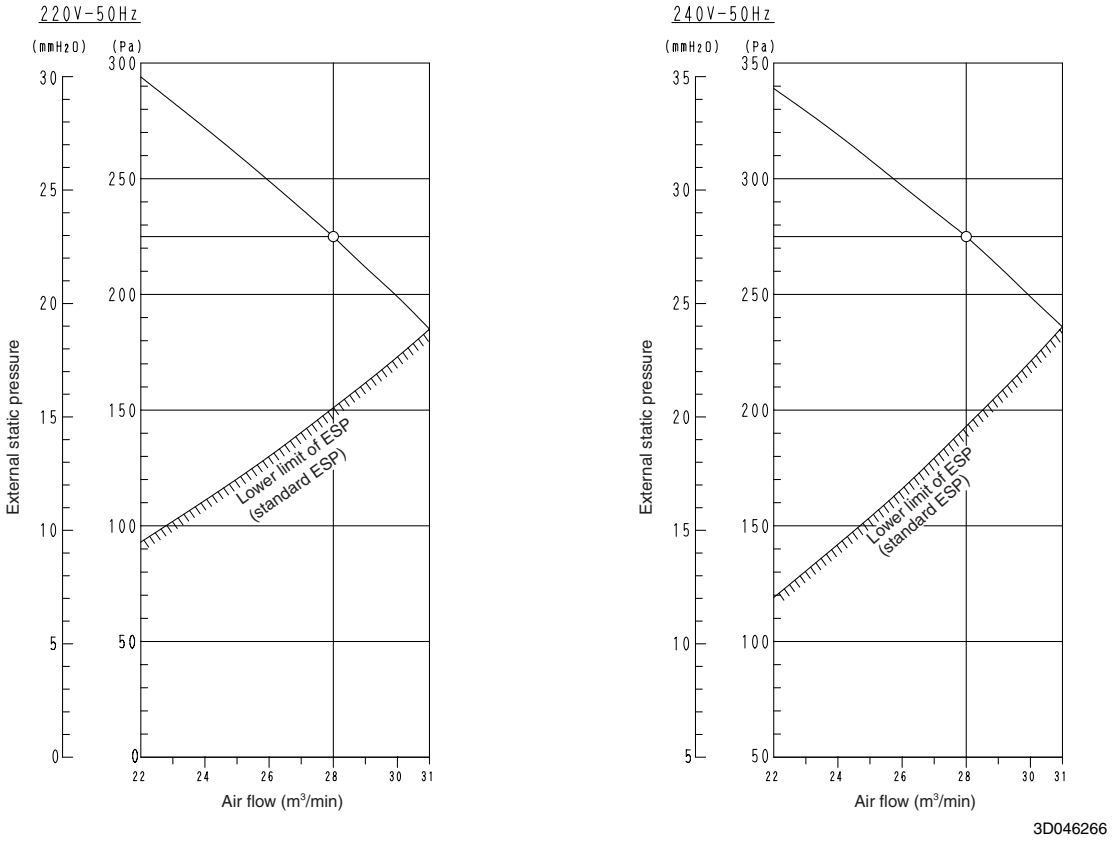
C: 3D046313

8. Fan Performances

FXMQ125MFV1

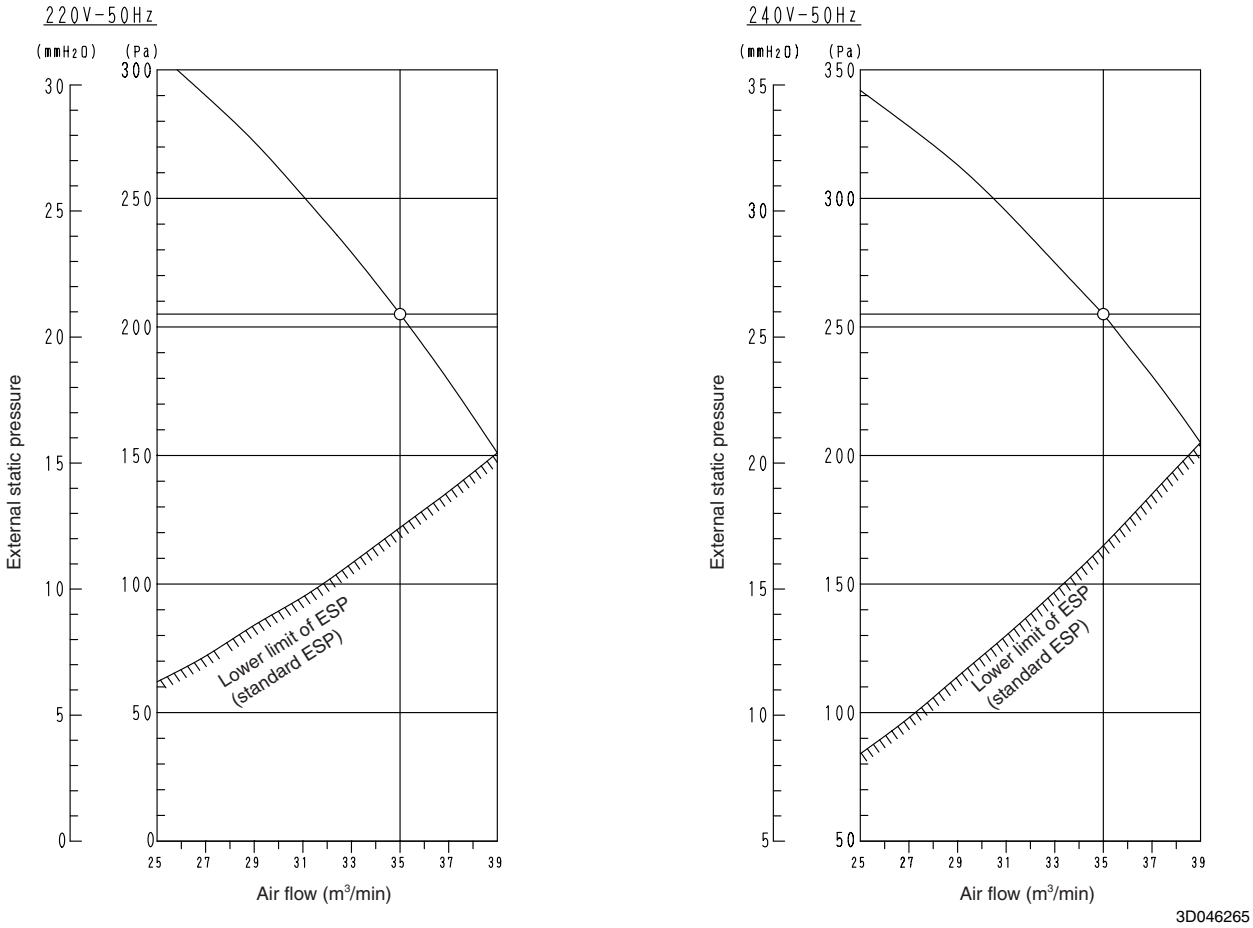


FXMQ200MFV1



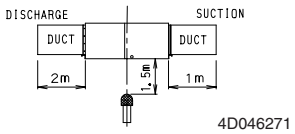
13

FXMQ250MFV1



9. Sound Levels

Overall

Measuring Location
 4D046271

dB(A)

Model	50Hz	
	220V	240V
FXMQ125MFV1	42	43
FXMQ200MFV1	47	48
FXMQ250MFV1	47	48

Notes:

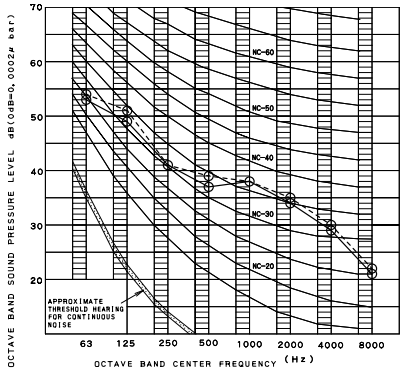
1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in a dead room (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipments installed.

Octave Band Level

○———○ 220V, 50Hz

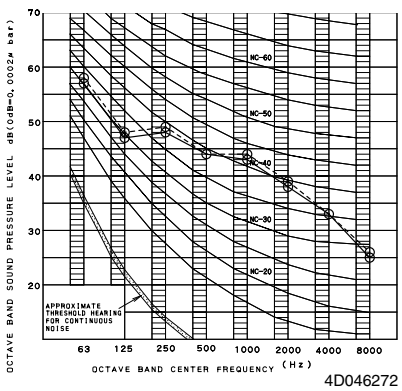
○ - - - -○ 240V, 50Hz

FXMQ125MFV1



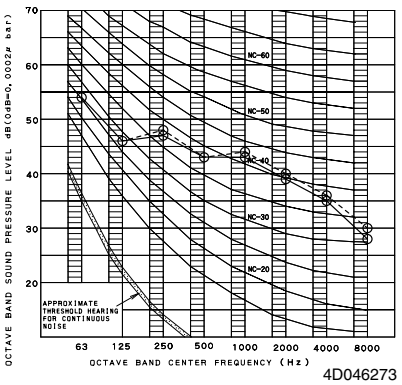
4D046271

FXMQ200MFV1



4D046272

FXMQ250MFV1



4D046273

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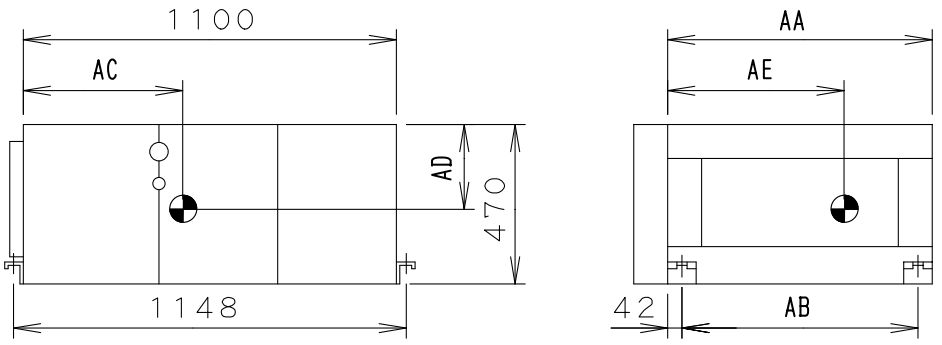
10. Centre of Gravity

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1

Unit (mm)



MODEL	PRODUCT WEIGHT (Mass)	AA	AB	AC	AD	AE
FXMQ125MFV1	86kg	780	696	600	250	330
FXMQ200MFV1	123kg	1380	1296	570	250	600
FXMQ250MFV1	123kg	1380	1296	570	250	600

C: 4D046143B

11. Accessories

11.1 Optional Accessories (For Unit)

No.	Item \ Type		FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
1	Drain pump kit		KDU30L250VE		
2	High efficiency filter	65%	KAFJ372L140	KAFJ372L280	
		90%	KAFJ373L140	KAFJ373L280	
3	Filter chamber ★1		KDJ3705L140	KDJ3705L280	
4	Long life replacement filter		KAFJ371L140	KAFJ371L280	

3D046270

Notes:

★1.Filter chamber has a suction-type flange. (Main unit does not have.)

· Dimensions and weight of the equipment may vary depending on the options used.
· Some options may not be usable due to the equipment installation conditions, so please confirm prior to ordering.
· Some options may not be used in combination.
· Operating sound may increase somewhat depending on the options used.

11.2 Optional Accessories (For Operation Controls)

No.	Item \ Type	FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
1	Wired remote controller	BRC1C62 / BRC1D61 / BRC1E61		
2	Adaptor for wiring	KRP1B61		
3	Wiring adaptor for electrical appendices (1)	KRP2A61		
4	Wiring adaptor for electrical appendices (2)	KRP4AA51		
5	Central remote controller	DCS302CA61		
5-1	Electrical box with earth terminal (3 blocks)	KJB311AA		
6	Unified ON/OFF controller	DCS301BA61		
6-1	Electrical box with earth terminal (2 blocks)	KJB212AA		
6-2	Noise filter (for electromagnetic interface use only)	KEK26-1A		
7	Schedule timer	DST301BA61		
8	External control adaptor for outdoor unit (must be installed on indoor units)	DTA104A61		

C: 3D034600D

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Part 4
Outdoor Units Normal Type (Space Saving Type)

RXYQ-P(A)
Heat Pump (50/60Hz)
Normal Type (Space Saving Type) 247

RXYQ-P(A)
Heat Pump (50/60Hz)
Normal Type
(Space Saving Type)

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1. Specifications

1.1 Heat Pump 50/60Hz Normal Type (Space Saving Type) <RXYQ-P(A)>

Model Name		50Hz	Y1(E)	RXYQ5PAY1(E)	RXYQ8PAY1(E)
		60Hz	YL(E)	RXYQ5PAYL(E)	RXYQ8PAYL(E)
			TL(E)	RXYQ5PTL(E)	RXYQ8PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	12,100	19,400
			Btu / h	48,100	76,800
			kW	14.1	22.5
★2 Cooling Capacity (19.0°CWB)			kW	14.0	22.4
★3 Heating Capacity			kcal / h	13,800	21,500
			Btu / h	54,600	85,300
			kW	16.0	25.0
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	1680×635×765	1680×930×765
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	13.34	16.90
			YL(E)	13.34	16.90
			TL(E)	13.34	16.90
	Number of Revolutions	r/min	Y1(E)	6300	7980
			YL(E)	6300	7980
			TL(E)	6300	7980
	Motor Output×Number of Units		kW	2.8×1	4.5×1
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	0.35×1	0.75×1
	Air Flow Rate		m³/min	95	180
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ9.5 (Brazing Connection)	ϕ9.5 (Brazing Connection)
	Gas Pipe		mm	ϕ15.9 (Brazing Connection)	ϕ19.1 (Brazing Connection)
Product Mass (Machine weight)			kg	160	205
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	28~100	20~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	6.2	7.2
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.		50Hz	Y1(E)	4D061005	4D061006
		60Hz	YL(E)	4D061025	4D061026
			TL(E)	4D060845A	4D060846A

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

The Reference Number
C~: Partly corrected drawings.
J~: Original drawing is Japanese
V~: Printing Convenience

Model Name		50Hz	Y1(E)	RXYQ10PAY1(E)	RXYQ12PAY1(E)
		60Hz	YL(E)	RXYQ10PAYL(E)	RXYQ12PAYL(E)
			TL(E)	RXYQ10PTL(E)	RXYQ12PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	24,300	29,000
			Btu / h	96,200	115,000
			kW	28.2	33.7
★2 Cooling Capacity (19.0°CWB)			kW	28.0	33.5
★3 Heating Capacity			kcal / h	27,100	32,300
			Btu / h	107,000	128,000
			kW	31.5	37.5
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	1680×930×765	1680×1240×765
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	13.34+10.53	13.34+10.53
			YL(E)	13.34+12.52	13.34+12.52
			TL(E)	13.34+12.52	13.34+12.52
	Number of Revolutions	r/min	Y1(E)	6300, 2900	6300, 2900
			YL(E)	6300, 3450	6300, 3450
			TL(E)	6300, 3450	6300, 3450
	Motor Output×Number of Units		kW	(1.4+4.5)×1	(2.5+4.5)×1
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	0.75×1	0.35×2
	Air Flow Rate		m³/min	185	233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ9.5 (Brazing Connection)	ϕ12.7 (Brazing Connection)
	Gas Pipe		mm	ϕ22.2 (Brazing Connection)	ϕ28.6 (Brazing Connection)
Product Mass (Machine Weight)			kg	249	285
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	14~100	14~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.9	9.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.		50Hz	Y1(E)	4D061007	4D061008
		60Hz	YL(E)	4D061027	4D061028
			TL(E)	4D060847A	4D060848A

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Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name		50Hz	Y1(E)	RXYQ14PAY1(E)	RXYQ16PAY1(E)
		60Hz	YL(E)	RXYQ14PAYL(E)	RXYQ16PAYL(E)
			TL(E)	RXYQ14PTL(E)	RXYQ16PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	34,600	39,000
			Btu / h	137,000	155,000
			kW	40.2	45.3
★2 Cooling Capacity (19.0°CWB)			kW	40.0	45.0
★3 Heating Capacity			kcal / h	38,700	43,000
			Btu / h	154,000	171,000
			kW	45.0	50.0
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	1680×1240×765	1680×1240×765
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	13.34+10.53+10.53	13.34+10.53+10.53
			YL(E)	12.84+12.52+12.52	12.84+12.52+12.52
			TL(E)	12.84+12.52+12.52	12.84+12.52+12.52
	Number of Revolutions	r/min	Y1(E)	6300, 2900, 2900	6300, 2900, 2900
			YL(E)	6060, 3450, 3450	6060, 3450, 3450
			TL(E)	6060, 3450, 3450	6060, 3450, 3450
	Motor Output×Number of Units		kW	(1.6+4.5+4.5)×1	(2.7+4.5+4.5)×1
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	0.35×2	0.35×2
	Air Flow Rate		m³/min	233	233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ12.7 (Brazing Connection)	ϕ12.7 (Brazing Connection)
	Gas Pipe		mm	ϕ28.6 (Brazing Connection)	ϕ28.6 (Brazing Connection)
Product Mass (Machine Weight)			kg	329	329
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	10~100	10~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	11.3	11.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.		50Hz	Y1(E)	4D061009	4D061010
		60Hz	YL(E)	4D061029	4D061030
			TL(E)	4D060849A	4D060850A

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			Y1(E)	RXYQ18PAY1(E)	RXYQ20PAY1(E)
Model Name (Independent Unit)				—	RXYQ8PAY1(E)+RXYQ12PAY1(E)
Model Name (Combination Unit)			YL(E)	RXYQ18PAYL(E)	RXYQ20PAYL(E)
Model Name (Independent Unit)				—	RXYQ8PAYL(E)+RXYQ12PAYL(E)
Model Name (Combination Unit)			TL(E)	RXYQ18PTL(E)	RXYQ20PTL(E)
Model Name (Independent Unit)				—	RXYQ8PTL(E)+RXYQ12PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	42,400	48,300
			Btu / h	168,000	192,000
			kW	49.3	56.2
★2 Cooling Capacity (19.0°CWB)			kW	49.0	55.9
★3 Heating Capacity			kcal / h	48,600	53,800
			Btu / h	193,000	213,000
			kW	56.5	62.5
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	1680×1240×765	(1680×930×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	16.90+10.53+10.53	(16.90)+(13.34+10.53)
			YL(E)	12.84+12.52+12.52	(16.90)+(13.34+12.52)
			TL(E)	12.84+12.52+12.52	(16.90)+(13.34+12.52)
	Number of Revolutions	r/min	Y1(E)	7980, 2900, 2900	(7980)+(6300, 2900)
			YL(E)	6060, 3450, 3450	(7980)+(6300, 3450)
			TL(E)	6060, 3450, 3450	(7980)+(6300, 3450)
	Motor Output×Number of Units		kW	(4.3+4.5+4.5)×1	(4.5×1)+((2.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	0.75×2	(0.75×1)+(0.35×2)
	Air Flow Rate		m³/min	239	180+233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ15.9 (Brazing Connection)	ϕ15.9 (Brazing Connection)
	Gas Pipe		mm	ϕ28.6 (Brazing Connection)	ϕ28.6 (Brazing Connection)
Product Mass (Machine Weight)			kg	341	205+285
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	9~100	8~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	11.7	7.2+9.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.		50Hz	Y1(E)	4D061011	
		60Hz	YL(E)	4D061031	
			TL(E)	4D060851A	

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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Model Name (Combination Unit)			**Y1(E)**	**RXYQ22PAY1(E)**	**RXYQ24PAY1(E)**
Model Name (Independent Unit)				**RXYQ10PAY1(E)+RXYQ12PAY1(E)**	**RXYQ8PAY1(E)+RXYQ16PAY1(E)**
Model Name (Combination Unit)			**YL(E)**	**RXYQ22PAYL(E)**	**RXYQ24PAYL(E)**
Model Name (Independent Unit)				**RXYQ10PAYL(E)+RXYQ12PAYL(E)**	**RXYQ8PAYL(E)+RXYQ16PAYL(E)**
Model Name (Combination Unit)			**TL(E)**	**RXYQ22PTL(E)**	**RXYQ24PTL(E)**
Model Name (Independent Unit)				**RXYQ10PTL(E)+RXYQ12PTL(E)**	**RXYQ8PTL(E)+RXYQ16PTL(E)**
★1 Cooling Capacity (19.5°CWB)			kcal / h	53,200	58,300
			Btu / h	211,000	231,000
			kW	61.9	67.8
★2 Cooling Capacity (19.0°CWB)			kW	61.5	67.4
★3 Heating Capacity			kcal / h	59,300	64,500
			Btu / h	235,000	256,000
			kW	69.0	75.0
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×930×765)+(1680×1240×765)	(1680×930×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(13.34+10.53)+(13.34+10.53)	(16.90)+(13.34+10.53+10.53)
			YL(E)	(13.34+12.52)+(13.34+12.52)	(16.90)+(12.84+12.52+12.52)
			TL(E)	(13.34+12.52)+(13.34+12.52)	(16.90)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(6300, 2900)+(6300, 2900)	(7980)+(6300, 2900, 2900)
			YL(E)	(6300, 3450)+(6300, 3450)	(7980)+(6060, 3450, 3450)
			TL(E)	(6300, 3450)+(6300, 3450)	(7980)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((1.4+4.5)×1)+((2.5+4.5)×1)	(4.5×1)+((2.7+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.75×1)+(0.35×2)	(0.75×1)+(0.35×2)
	Air Flow Rate		m³/min	185+233	180+233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ15.9 (Brazing Connection)	ϕ15.9 (Brazing Connection)
	Gas Pipe		mm	ϕ28.6 (Brazing Connection)	ϕ34.9 (Brazing Connection)
Product Mass (Machine Weight)			kg	249+285	205+329
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	7~100	6~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.9+9.5	7.2+11.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			Y1(E)	RXYQ26PAY1(E)	RXYQ28PAY1(E)
Model Name (Independent Unit)				RXYQ8PAY1(E)+RXYQ18PAY1(E)	RXYQ10PAY1(E)+RXYQ18PAY1(E)
Model Name (Combination Unit)			YL(E)	RXYQ26PAYL(E)	RXYQ28PAYL(E)
Model Name (Independent Unit)				RXYQ8PAYL(E)+RXYQ18PAYL(E)	RXYQ10PAYL(E)+RXYQ18PAYL(E)
Model Name (Combination Unit)			TL(E)	RXYQ26PTL(E)	RXYQ28PTL(E)
Model Name (Independent Unit)				RXYQ8PTL(E)+RXYQ18PTL(E)	RXYQ10PTL(E)+RXYQ18PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	61,700	66,700
			Btu / h	250,000	264,000
			kW	71.8	77.5
★2 Cooling Capacity (19.0°CWB)			kW	71.4	77.0
★3 Heating Capacity			kcal / h	70,100	75,700
			Btu / h	278,000	300,000
			kW	81.5	88.0
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×930×765)+(1680×1240×765)	(1680×930×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(16.90)+(16.90+10.53+10.53)	(13.34+10.53)+(16.90+10.53+10.53)
			YL(E)	(16.90)+(12.84+12.52+12.52)	(13.34+12.52)+(12.84+12.52+12.52)
			TL(E)	(16.90)+(12.84+12.52+12.52)	(13.34+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(7980)+(7980, 2900, 2900)	(6300, 2900)+(7980, 2900, 2900)
			YL(E)	(7980)+(6060, 3450, 3450)	(6300, 3450)+(6060, 3450, 3450)
			TL(E)	(7980)+(6060, 3450, 3450)	(6300, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	(4.5×1)+((4.3+4.5+4.5)×1)	((1.4+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.75×1)+(0.75×2)	(0.75×1)+(0.75×2)
	Air Flow Rate		m³/min	180+239	185+239
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ34.9 (Brazing Connection)	ϕ34.9 (Brazing Connection)
Product Mass (Machine Weight)			kg	205+341	249+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	6~100	5~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.2+11.7	7.9+11.7
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

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Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			**Y1(E)**	**RXYQ30PAY1(E)**	**RXYQ32PAY1(E)**
Model Name (Independent Unit)				**RXYQ12PAY1(E)+RXYQ18PAY1(E)**	**RXYQ16PAY1(E)+RXYQ16PAY1(E)**
Model Name (Combination Unit)			**YL(E)**	**RXYQ30PAYL(E)**	**RXYQ32PAYL(E)**
Model Name (Independent Unit)				**RXYQ12PAYL(E)+RXYQ18PAYL(E)**	**RXYQ16PAYL(E)+RXYQ16PAYL(E)**
Model Name (Combination Unit)			**TL(E)**	**RXYQ30PTL(E)**	**RXYQ32PTL(E)**
Model Name (Independent Unit)				**RXYQ12PTL(E)+RXYQ18PTL(E)**	**RXYQ16PTL(E)+RXYQ16PTL(E)**
★1 Cooling Capacity (19.5°CWB)			kcal / h	71,400	77,800
			Btu / h	283,000	309,000
			kW	83.0	90.5
★2 Cooling Capacity (19.0°CWB)			kW	82.5	90.0
★3 Heating Capacity			kcal / h	80,800	86,000
			Btu / h	321,000	341,000
			kW	94.0	100
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×1240×765)+(1680×1240×765)	(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(13.34+10.53)+(16.90+10.53+10.53)	(13.34+10.53+10.53)+(13.34+10.53+10.53)
			YL(E)	(13.34+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(13.34+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(6300, 2900)+(7980, 2900, 2900)	(6300, 2900, 2900)+(6300, 2900, 2900)
			YL(E)	(6300, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(6300, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((2.5+4.5)×1)+((4.3+4.5+4.5)×1)	((2.7+4.5+4.5)×1)+((2.7+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.35×2)+(0.75×2)	(0.35×2)+(0.35×2)
	Air Flow Rate		m³/min	233+239	233+233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ34.9 (Brazing Connection)	ϕ34.9 (Brazing Connection)
Product Mass (Machine Weight)			kg	285+341	329+329
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	5~100	5~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	9.5+11.7	11.5+11.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			Y1(E)	RXYQ34PAY1(E)	RXYQ36PAY1(E)
Model Name (Independent Unit)				RXYQ16PAY1(E)+RXYQ18PAY1(E)	RXYQ18PAY1(E)+RXYQ18PAY1(E)
Model Name (Combination Unit)			YL(E)	RXYQ34PAYL(E)	RXYQ36PAYL(E)
Model Name (Independent Unit)				RXYQ16PAYL(E)+RXYQ18PAYL(E)	RXYQ18PAYL(E)+RXYQ18PAYL(E)
Model Name (Combination Unit)			TL(E)	RXYQ34PTL(E)	RXYQ36PTL(E)
Model Name (Independent Unit)				RXYQ16PTL(E)+RXYQ18PTL(E)	RXYQ18PTL(E)+RXYQ18PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	81,400	85,100
			Btu / h	323,000	338,000
			kW	94.6	99.0
★2 Cooling Capacity (19.0°CWB)			kW	94.0	98.0
★3 Heating Capacity			kcal / h	92,000	97,200
			Btu / h	365,000	386,000
			kW	107	113
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×1240×765)+(1680×1240×765)	(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(13.34+10.53+10.53)+(16.90+10.53+10.53)	(16.90+10.53+10.53)+(16.90+10.53+10.53)
			YL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(6300, 2900, 2900)+(7980, 2900, 2900)	(7980, 2900, 2900)+(7980, 2900, 2900)
			YL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((2.7+4.5+4.5)×1)+((4.3+4.5+4.5)×1)	((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.35×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Air Flow Rate		m³/min	233+239	239+239
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ34.9 (Brazing Connection)	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	329+341	341+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	5~100	4~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	11.5+11.7	11.7+11.7
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

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Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			**Y1(E)**	**RXYQ38PAY1(E)**	**RXYQ40PAY1(E)**
Model Name (Independent Unit)				**RXYQ8PAY1(E)+RXYQ12PAY1(E)+RXYQ18PAY1(E)**	**RXYQ8PAY1(E)+RXYQ16PAY1(E)+RXYQ16PAY1(E)**
Model Name (Combination Unit)			**YL(E)**	**RXYQ38PAYL(E)**	**RXYQ40PAYL(E)**
Model Name (Independent Unit)				**RXYQ8PAYL(E)+RXYQ12PAYL(E)+RXYQ18PAYL(E)**	**RXYQ8PAYL(E)+RXYQ16PAYL(E)+RXYQ16PAYL(E)**
Model Name (Combination Unit)			**TL(E)**	**RXYQ38PTL(E)**	**RXYQ40PTL(E)**
Model Name (Independent Unit)				**RXYQ8PTL(E)+RXYQ12PTL(E)+RXYQ18PTL(E)**	**RXYQ8PTL(E)+RXYQ16PTL(E)+RXYQ16PTL(E)**
★1 Cooling Capacity (19.5°CWB)			kcal / h	91,200	97,200
			Btu / h	362,000	386,000
			kW	106	113
★2 Cooling Capacity (19.0°CWB)			kW	105	112
★3 Heating Capacity			kcal / h	102,000	108,000
			Btu / h	406,000	427,000
			kW	119	125
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×930×765)+(1680×1240×765)+(1680×1240×765)	(1680×930×765)+(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(16.90)+(13.34+10.53)+(16.90+10.53+10.53)	(16.90)+(13.34+10.53+10.53)+(13.34+10.53+10.53)
			YL(E)	(16.90)+(13.34+12.52)+(12.84+12.52+12.52)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(16.90)+(13.34+12.52)+(12.84+12.52+12.52)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(7980)+(6300, 2900)+(7980, 2900, 2900)	(7980)+(6300, 2900, 2900)+(6300, 2900, 2900)
			YL(E)	(7980)+(6300, 3450)+(6060, 3450, 3450)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(7980)+(6300, 3450)+(6060, 3450, 3450)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	(4.5×1)+((2.5+4.5)×1)+((4.3+4.5+4.5)×1)	(4.5×1)+((2.7+4.5+4.5)×1)+((2.7+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.75×1)+(0.35×2)+(0.75×2)	(0.75×1)+(0.35×2)+(0.35×2)
	Air Flow Rate		m³/min	180+233+239	180+233+233
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ41.3 (Brazing Connection)	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	205+285+341	205+329+329
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	4~100	4~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.2+9.5+11.7	7.2+11.5+11.5
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			Y1(E)	RXYQ42PAY1(E)	RXYQ44PAY1(E)
Model Name (Independent Unit)				RXYQ8PAY1(E)+RXYQ16PAY1(E)+RXYQ18PAY1(E)	RXYQ8PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)
Model Name (Combination Unit)			YL(E)	RXYQ42PAYL(E)	RXYQ44PAYL(E)
Model Name (Independent Unit)				RXYQ8PAYL(E)+RXYQ16PAYL(E)+RXYQ18PAYL(E)	RXYQ8PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)
Model Name (Combination Unit)			TL(E)	RXYQ42PTL(E)	RXYQ44PTL(E)
Model Name (Independent Unit)				RXYQ8PTL(E)+RXYQ16PTL(E)+RXYQ18PTL(E)	RXYQ8PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	101,000	104,000
			Btu / h	399,000	413,000
			kW	117	121
★2 Cooling Capacity (19.0°CWB)			kW	116	120
★3 Heating Capacity			kcal / h	114,000	119,000
			Btu / h	450,000	471,000
			kW	132	138
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×930×765)+(1680×1240×765)+(1680×1240×765)	(1680×930×765)+(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(16.90)+(13.34+10.53+10.53)+(16.90+10.53+10.53)	(16.90)+(16.90+10.53+10.53)+(16.90+10.53+10.53)
			YL(E)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(16.90)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(7980)+(6300, 2900, 2900)+(7980, 2900, 2900)	(7980)+(7980, 2900, 2900)+(7980, 2900, 2900)
			YL(E)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)	(7980)+(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	(4.5×1)+((2.7+4.5+4.5)×1)+((4.3+4.5+4.5)×1)	(4.5×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.75×1)+(0.35×2)+(0.75×2)	(0.75×1)+(0.75×2)+(0.75×2)
	Air Flow Rate		m³/min	180+233+239	180+239+239
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ41.3 (Brazing Connection)	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	205+329+341	205+341+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	4~100	4~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.2+11.5+11.7	7.2+11.7+11.7
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

14

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			**Y1(E)**	**RXYQ46PAY1(E)**	**RXYQ48PAY1(E)**
Model Name (Independent Unit)				**RXYQ10PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)**	**RXYQ12PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)**
Model Name (Combination Unit)			**YL(E)**	**RXYQ46PAYL(E)**	**RXYQ48PAYL(E)**
Model Name (Independent Unit)				**RXYQ10PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)**	**RXYQ12PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)**
Model Name (Combination Unit)			**TL(E)**	**RXYQ46PTL(E)**	**RXYQ48PTL(E)**
Model Name (Independent Unit)				**RXYQ10PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)**	**RXYQ12PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)**
★1 Cooling Capacity (19.5°CWB)			kcal / h	109,000	114,000
			Btu / h	433,000	454,000
			kW	127	133
★2 Cooling Capacity (19.0°CWB)			kW	126	132
★3 Heating Capacity			kcal / h	125,000	130,000
			Btu / h	495,000	515,000
			kW	145	151
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×930×765)+(1680×1240×765)+(1680×1240×765)	(1680×1240×765)+(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(13.34+10.53)+(16.90+10.53+10.53)+(16.90+10.53+10.53)	(13.34+10.53)+(16.90+10.53+10.53)+(16.90+10.53+10.53)
			YL(E)	(13.34+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(13.34+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(13.34+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(13.34+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(6300, 2900)+(7980, 2900, 2900)+(7980, 2900, 2900)	(6300, 2900)+(7980, 2900, 2900)+(7980, 2900, 2900)
			YL(E)	(6300, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)	(6300, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(6300, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)	(6300, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((1.4+4.5)×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)	((2.5+4.5)×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.75×1)+(0.75×2)+(0.75×2)	(0.35×2)+(0.75×2)+(0.75×2)
	Air Flow Rate		m³/min	185+239+239	233+239+239
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ41.3 (Brazing Connection)	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	249+341+341	285+341+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	3~100	3~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	7.9+11.7+11.7	9.5+11.7+11.7
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			Y1(E)	RXYQ50PAY1(E)	RXYQ52PAY1(E)
Model Name (Independent Unit)				RXYQ14PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)	RXYQ16PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)
Model Name (Combination Unit)			YL(E)	RXYQ50PAYL(E)	RXYQ52PAYL(E)
Model Name (Independent Unit)				RXYQ14PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)	RXYQ16PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)
Model Name (Combination Unit)			TL(E)	RXYQ50PTL(E)	RXYQ52PTL(E)
Model Name (Independent Unit)				RXYQ14PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)	RXYQ16PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)
★1 Cooling Capacity (19.5°CWB)			kcal / h	120,000	124,000
			Btu / h	474,000	491,000
			kW	139	144
★2 Cooling Capacity (19.0°CWB)			kW	138	143
★3 Heating Capacity			kcal / h	136,000	140,000
			Btu / h	539,000	556,000
			kW	158	163
Casing Color			Without(E)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×1240×765)+(1680×1240×765)+(1680×1240×765)	(1680×1240×765)+(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil	Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m^3/h	Y1(E)	(13.34+10.53+10.53)+(16.90+10.53+10.53)+(16.90+10.53+10.53)	(13.34+10.53+10.53)+(16.90+10.53+10.53)+(16.90+10.53+10.53)
			YL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(6300, 2900, 2900)+(7980, 2900, 2900)+(7980, 2900, 2900)	(6300, 2900, 2900)+(7980, 2900, 2900)+(7980, 2900, 2900)
			YL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((1.6+4.5+4.5)×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)	((2.7+4.5+4.5)×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start	Soft Start
Fan	Type			Propeller Fan	Propeller Fan
	Motor Output		kW	(0.35×2)+(0.75×2)+(0.75×2)	(0.35×2)+(0.75×2)+(0.75×2)
	Air Flow Rate		m^3/min	233+239+239	233+239+239
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ41.3 (Brazing Connection)	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	329+341+341	329+341+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer	Deicer
Capacity Control			%	3~100	3~100
Refrigerant	Refrigerant Name			R-410A	R-410A
	Charge		kg	11.3+11.7+11.7	11.5+11.7+11.7
	Control			Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.					

14

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**Y1(E)**	**RXYQ54PAY1(E)**
Model Name (Independent Unit)				**RXYQ18PAY1(E)+RXYQ18PAY1(E)+RXYQ18PAY1(E)**
Model Name (Combination Unit)			**YL(E)**	**RXYQ54PAYL(E)**
Model Name (Independent Unit)				**RXYQ18PAYL(E)+RXYQ18PAYL(E)+RXYQ18PAYL(E)**
Model Name (Combination Unit)			**TL(E)**	**RXYQ54PTL(E)**
Model Name (Independent Unit)				**RXYQ18PTL(E)+RXYQ18PTL(E)+RXYQ18PTL(E)**
★1 Cooling Capacity (19.5°CWB)			kcal / h	127,000
			Btu / h	505,000
			kW	148
★2 Cooling Capacity (19.0°CWB)			kW	147
★3 Heating Capacity			kcal / h	146,000
			Btu / h	580,000
			kW	170
Casing Color			Without(E)	Ivory White (5Y7.5/1)
			With(E)	Light Camel (2.5Y6.5/1.5)
Dimensions: (H×W×D)			mm	(1680×1240×765)+(1680×1240×765)+(1680×1240×765)
Heat Exchanger				Cross Fin Coil
Comp.	Type			Hermetically Sealed Scroll Type
	Displacement	m³/h	Y1(E)	(16.90+10.53+10.53)+(16.90+10.53+10.53)+(16.90+10.53+10.53)
			YL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
			TL(E)	(12.84+12.52+12.52)+(12.84+12.52+12.52)+(12.84+12.52+12.52)
	Number of Revolutions	r/min	Y1(E)	(7980, 2900, 2900)+(7980, 2900, 2900)+(7980, 2900, 2900)
			YL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
			TL(E)	(6060, 3450, 3450)+(6060, 3450, 3450)+(6060, 3450, 3450)
	Motor Output×Number of Units		kW	((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)+((4.3+4.5+4.5)×1)
	Starting Method			Soft Start
Fan	Type			Propeller Fan
	Motor Output		kW	(0.75×2)+(0.75×2)+(0.75×2)
	Air Flow Rate		m³/min	239+239+239
	Drive			Direct Drive
Connecting Pipes	Liquid Pipe		mm	ϕ19.1 (Brazing Connection)
	Gas Pipe		mm	ϕ41.3 (Brazing Connection)
Product Mass (Machine Weight)			kg	341+341+341
Safety Devices				High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method				Deicer
Capacity Control			%	3~100
Refrigerant	Refrigerant Name			R-410A
	Charge		kg	11.7+11.7+11.7
	Control			Electronic Expansion Valve
Refrigerator Oil				Refer to the nameplate of compressor
Standard Accessories				Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp. : 35°CDB / Equivalent piping length : 7.5m, level difference : 0m.
★3 Indoor temp. : 20°CDB / outdoor temp. : 7°CDB, 6°CWB / Equivalent piping length : 7.5m, level difference : 0m.
4 The power input (PI) (Compressor + Outdoor Fan Motor) : Refer to P.300~349.
5 The units with anti-corrosion treatment will be available as standard. Please specify the suffix “E” as RXYQ5PAY1E.

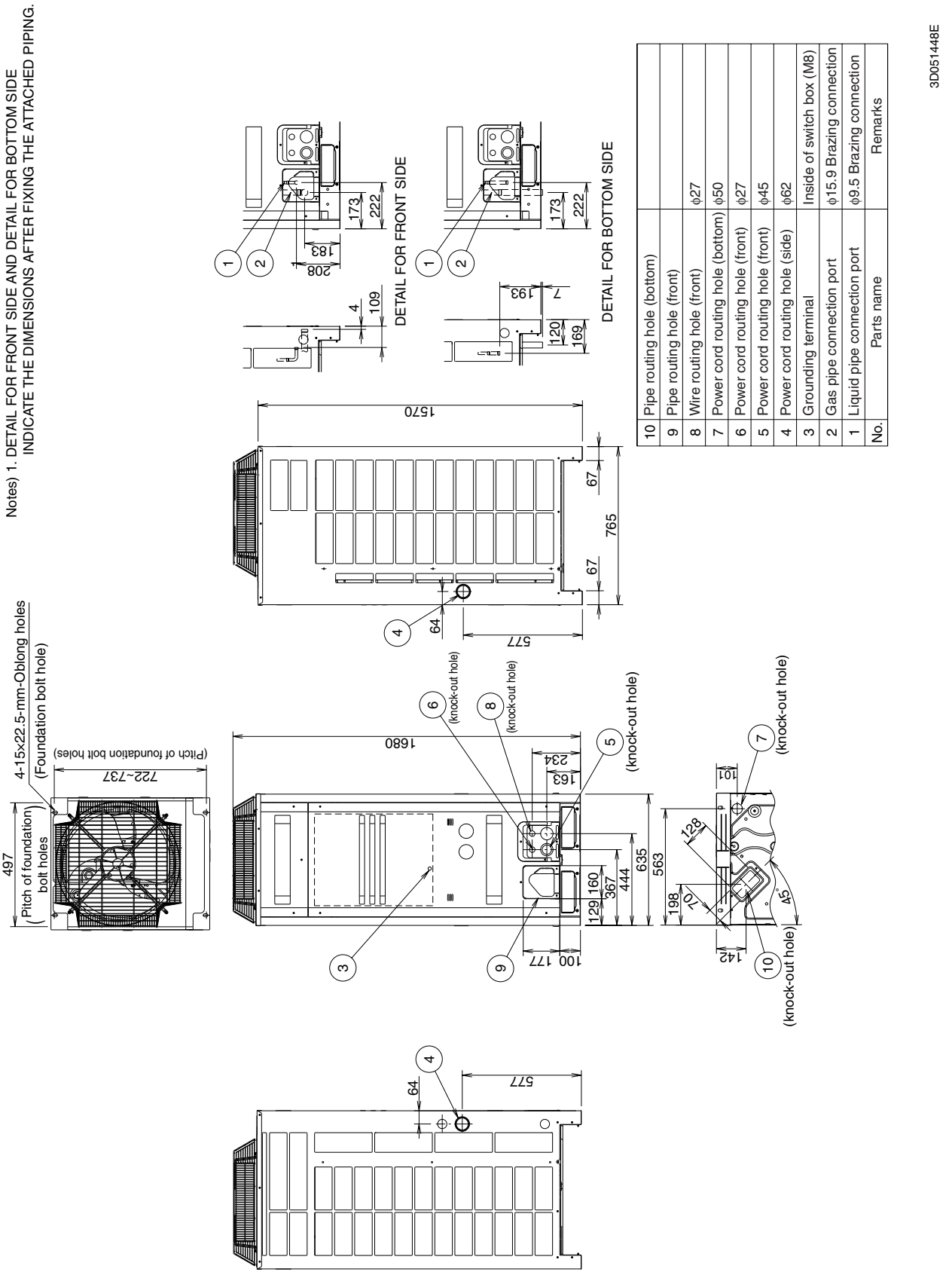
Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

2.1 Independent Unit

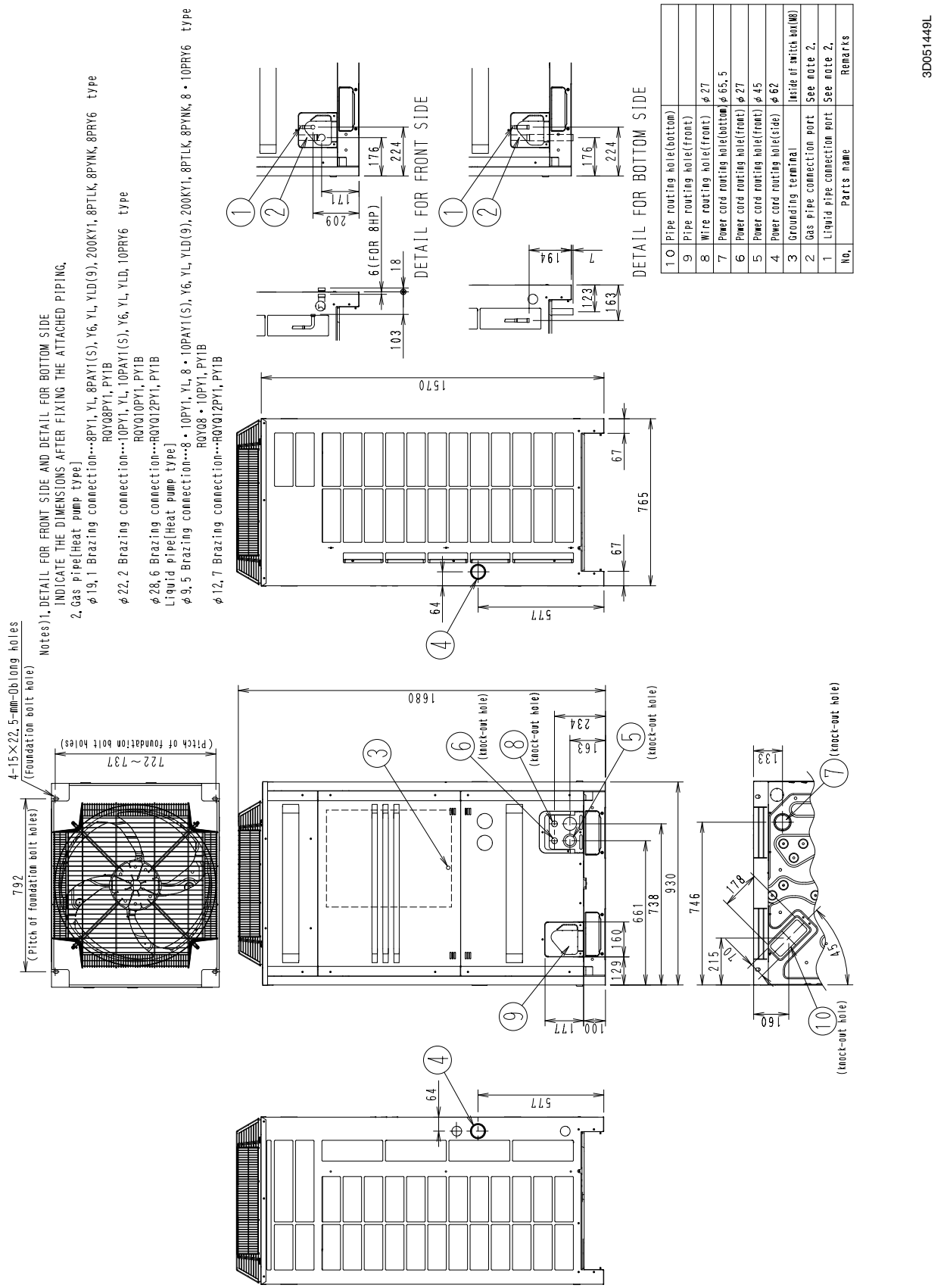
RXYQ5PAY1
RXYQ5PAYL
RXYQ5PTL

Unit (mm)



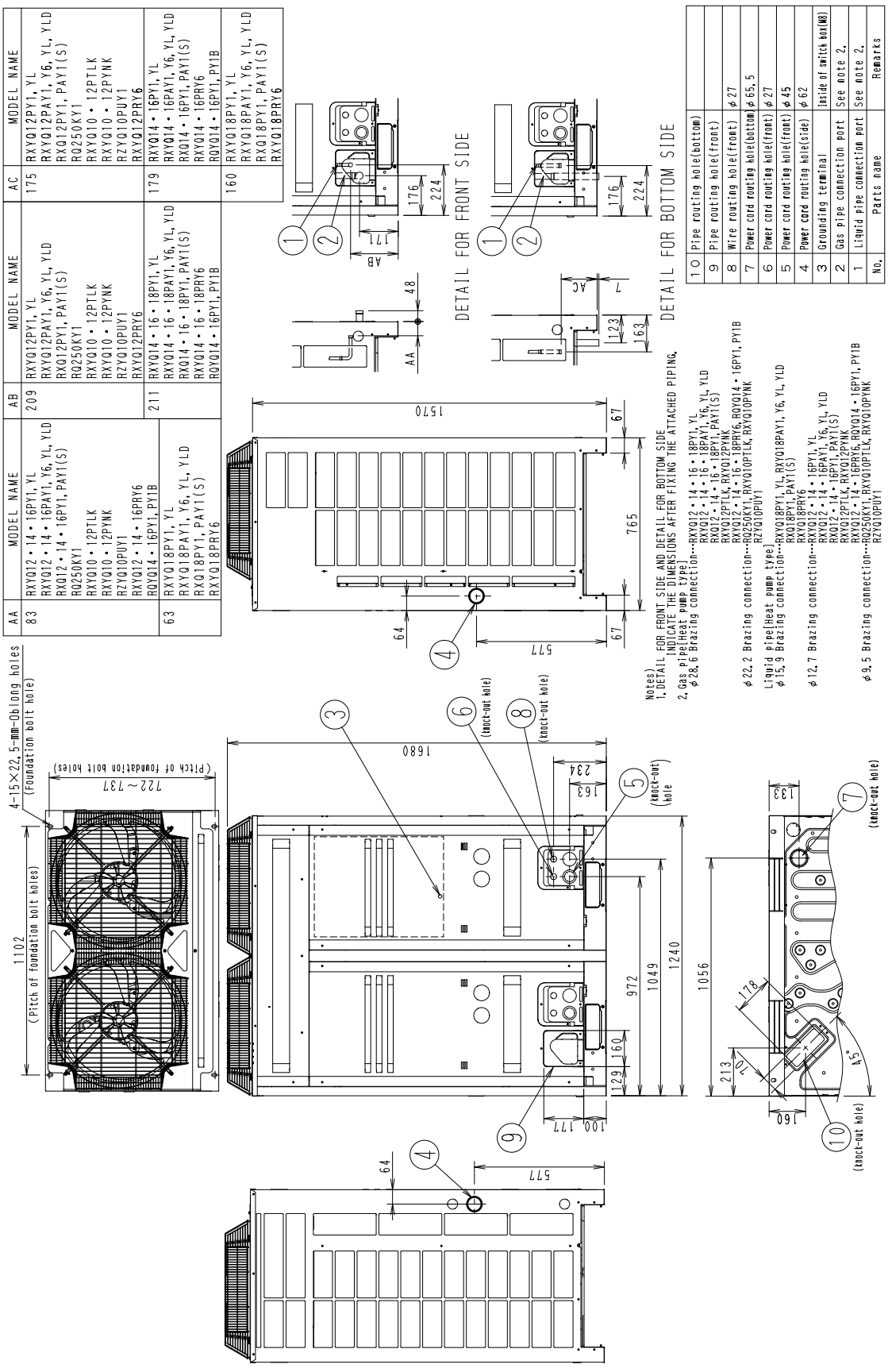
RXYQ8/10PAY1
RXYQ8/10PAYL
RXYQ8/10PTL

Unit (mm)



RXYQ12/14/16/18PAY1
RXYQ12/14/16/18PAYL
RXYQ12/14/16/18PTL

Unit (mm)



AA	MODEL NAME	AB	MODEL NAME	AC	MODEL NAME
83	RXYQ12・14・16PY1, YL RXYQ12・14・16PAY1, Y6, YL, YLD RXQ12・14・16PY1, PAY1(S) RQ250KY1 RXYQ10・12PTLK RXYQ10・12PYNK RZYQ10PUY1 RXYQ12・14・16PRY6 RQYQ14・16PY1, PY1B	209	RXYQ12PY1, YL RXYQ12PAY1, Y6, YL, YLD RXQ12PY1, PAY1(S) RQ250KY1 RXYQ10・12PTLK RXYQ10・12PYNK RZYQ10PUY1 RXYQ12PRY6	175	RXYQ12PY1, YL RXYQ12PAY1, Y6, YL, YLD RXQ12PY1, PAY1(S) RQ250KY1 RXYQ10・12PTLK RXYQ10・12PYNK RZYQ10PUY1 RXYQ12PRY6
63	RXYQ18PY1, YL RXYQ18PAY1, Y6, YL, YLD RXQ18PY1, PAY1(S) RXYQ18PRY6	211	RXYQ14・16・18PY1, YL RXYQ14・16・18PAY1, Y6, YL, YLD RXQ14・16・18PY1, PAY1(S) RXYQ14・16・18PRY6 RQYQ14・16PY1, PY1B	179	RXYQ14・16PY1, YL RXYQ14・16PAY1, Y6, YL, YLD RXQ14・16PY1, PAY1(S) RXYQ14・16PRY6 RQYQ14・16PY1, PY1B
				160	RXYQ18PY1, YL RXYQ18PAY1, Y6, YL, YLD RXQ18PY1, PAY1(S) RXYQ18PRY6

No.	Parts name	Remarks
10	Pipe routing hole(bottom)	
9	Pipe routing hole(front)	
8	Wire routing hole(front)	φ27
7	Power cord routing hole(bottom)	φ65.5
6	Power cord routing hole(front)	φ27
5	Power cord routing hole(front)	φ45
4	Power cord routing hole(side)	φ62
3	Grounding terminal	Inside of switch box(M8)
2	Gas pipe connection port	See note 2.
1	Liquid pipe connection port	See note 2.

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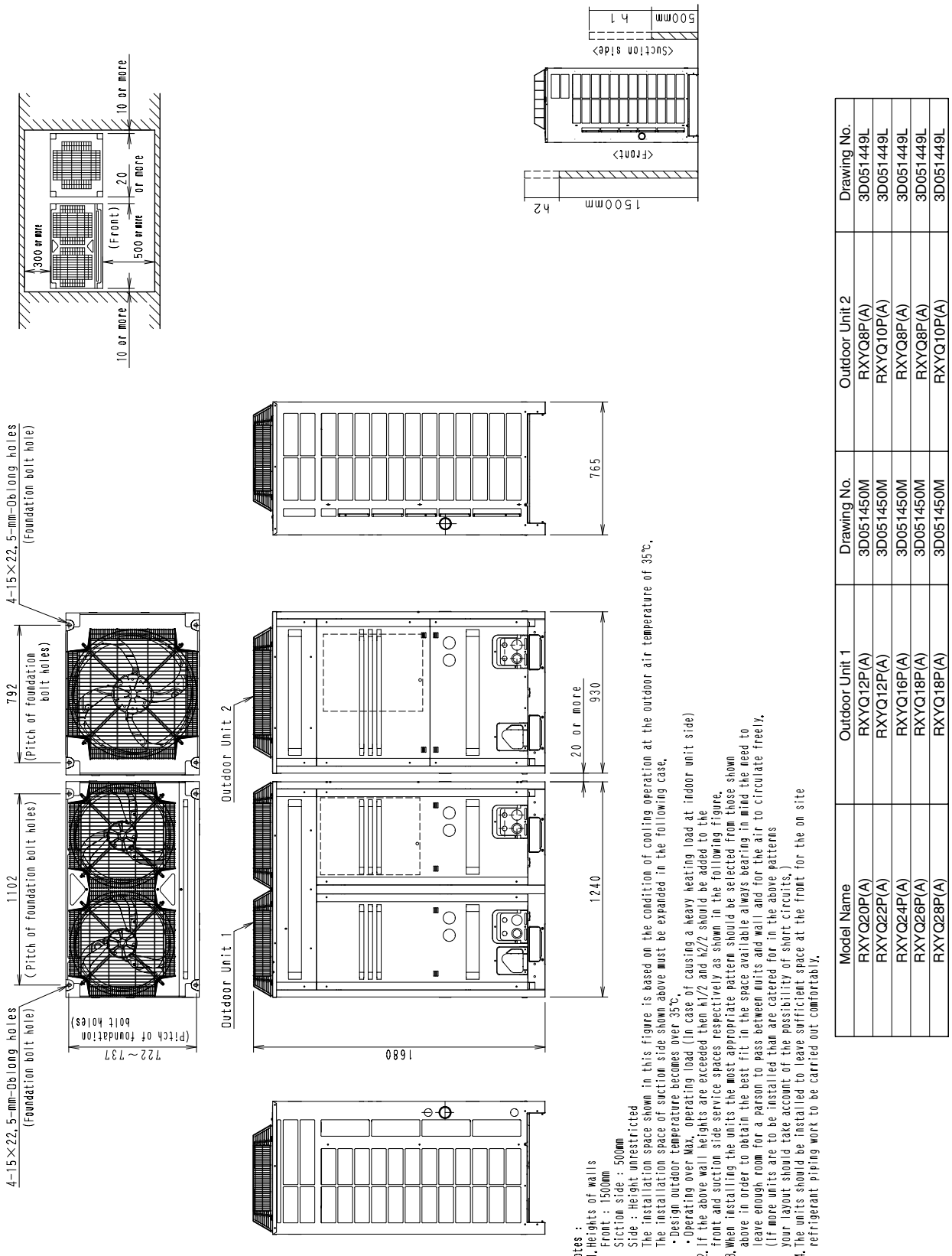
2.2 Combination Unit

RXYQ20/22/24/26/28PAY1
RXYQ20/22/24/26/28PAYL
RXYQ20/22/24/26/28PTL

Unit (mm)



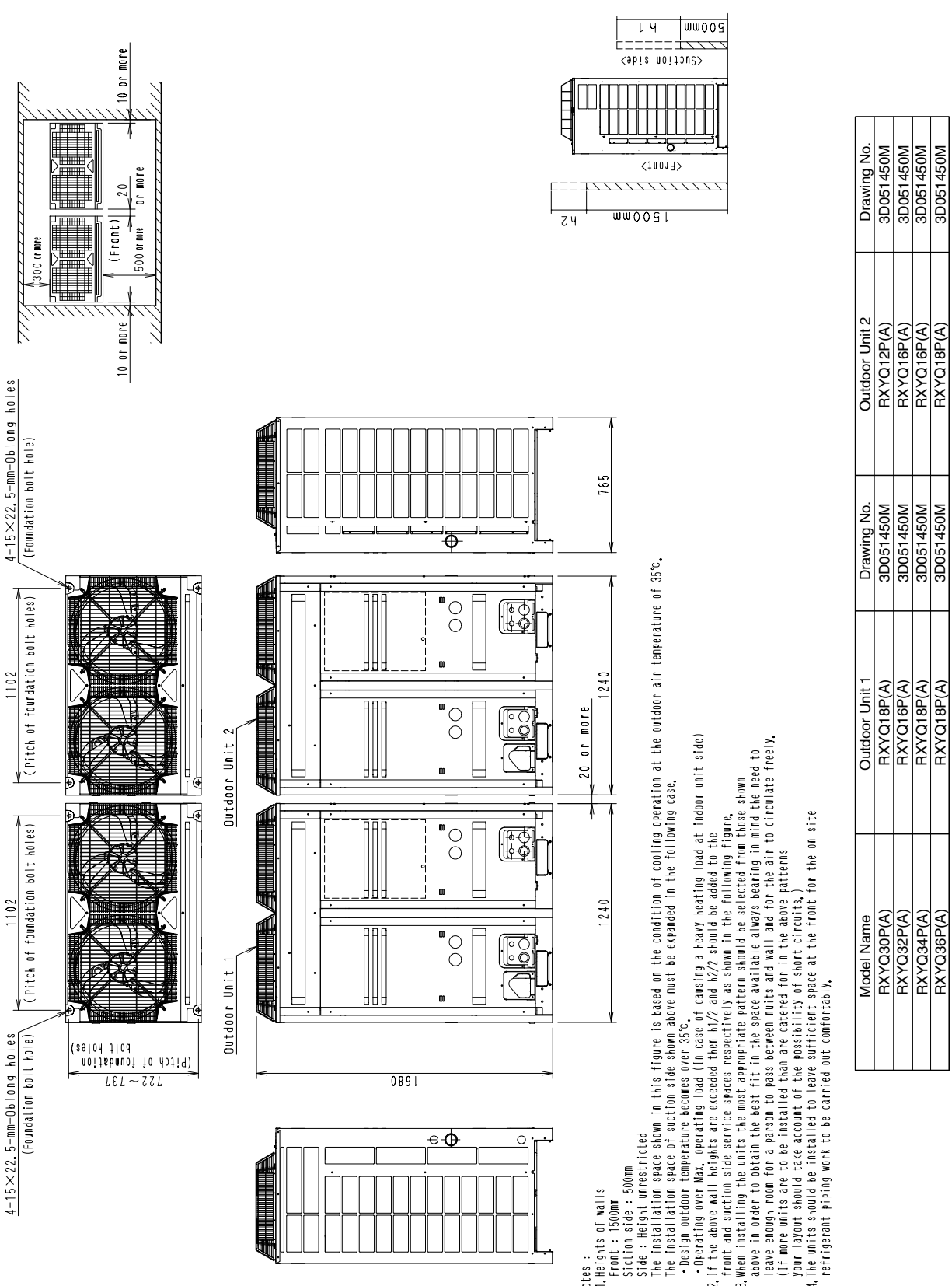
Notes :
1. Heights of walls
   Front : 1500mm
   Suction side : 500mm
   Side : Height unrestricted
   The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 35°C.
   The installation space of suction side shown above must be expanded in the following case.
   • Design outdoor temperature becomes over 35°C.
   • Operating over Max. operating load (in case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

Model Name	Outdoor Unit 1	Drawing No.	Outdoor Unit 2	Drawing No.
RXYQ20P(A)	RXYQ12P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ22P(A)	RXYQ12P(A)	3D051450M	RXYQ10P(A)	3D051449L
RXYQ24P(A)	RXYQ16P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ26P(A)	RXYQ18P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ28P(A)	RXYQ18P(A)	3D051450M	RXYQ10P(A)	3D051449L

C: 3D052930A

RXYQ30/32/34/36PAY1
RXYQ30/32/34/36PAYL
RXYQ30/32/34/36PTL

Unit (mm)



Notes :
1. Heights of walls
   Front : 1500mm
   Section side : 500mm
   Side : Height unrestricted
   The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 35°C.
   The installation space of suction side shown above must be expanded in the following case.
   • Design outdoor temperature becomes over 35°C.
   • Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

Model Name	Outdoor Unit 1	Drawing No.	Outdoor Unit 2	Drawing No.
RXYQ30P(A)	RXYQ18P(A)	3D051450M	RXYQ12P(A)	3D051450M
RXYQ32P(A)	RXYQ16P(A)	3D051450M	RXYQ16P(A)	3D051450M
RXYQ34P(A)	RXYQ18P(A)	3D051450M	RXYQ16P(A)	3D051450M
RXYQ36P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M

C: 3D052931A

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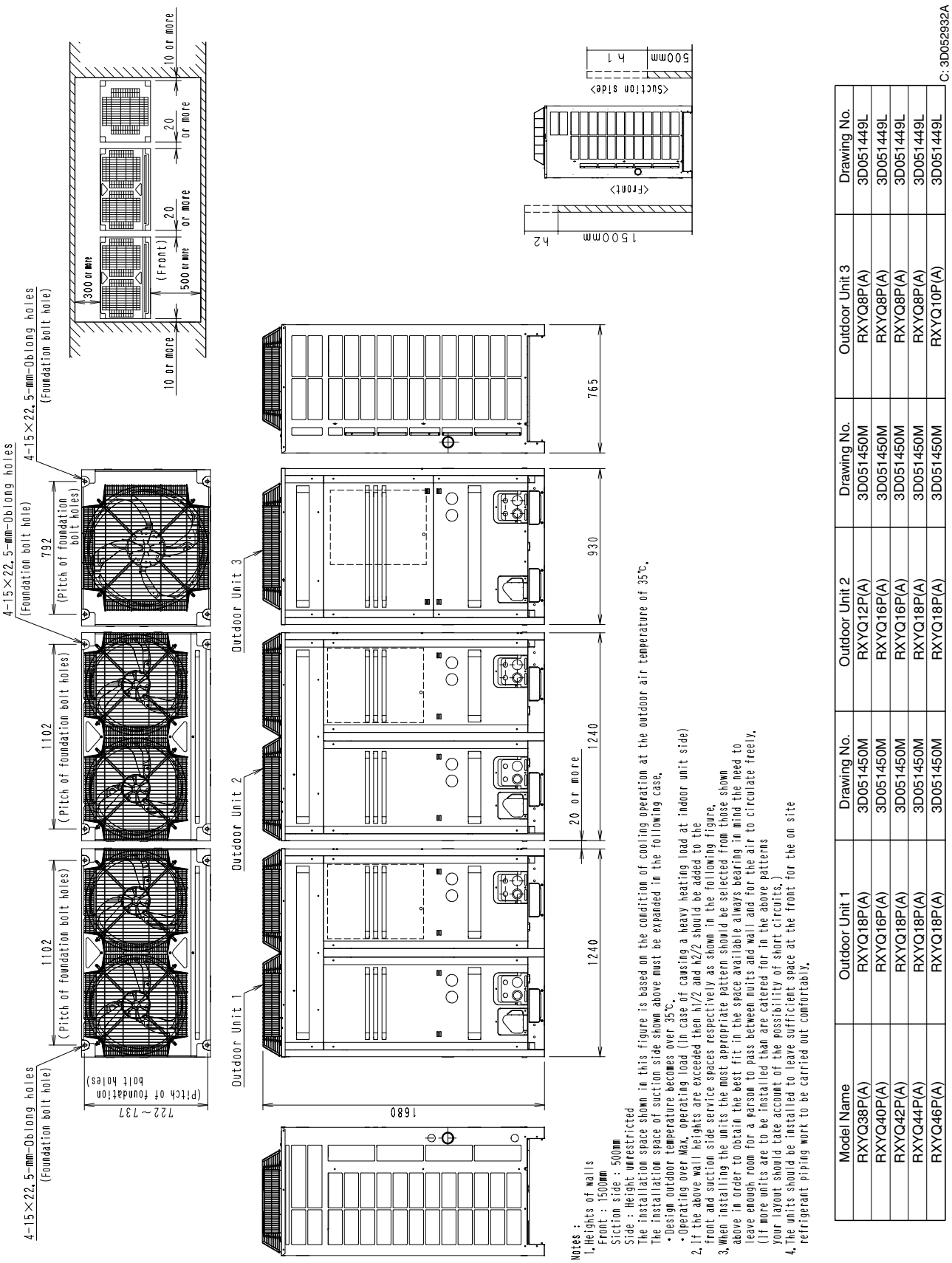
RXYQ38/40/42/44/46PAY1
RXYQ38/40/42/44/46PAYL
RXYQ38/40/42/44/46PTL

Unit (mm)



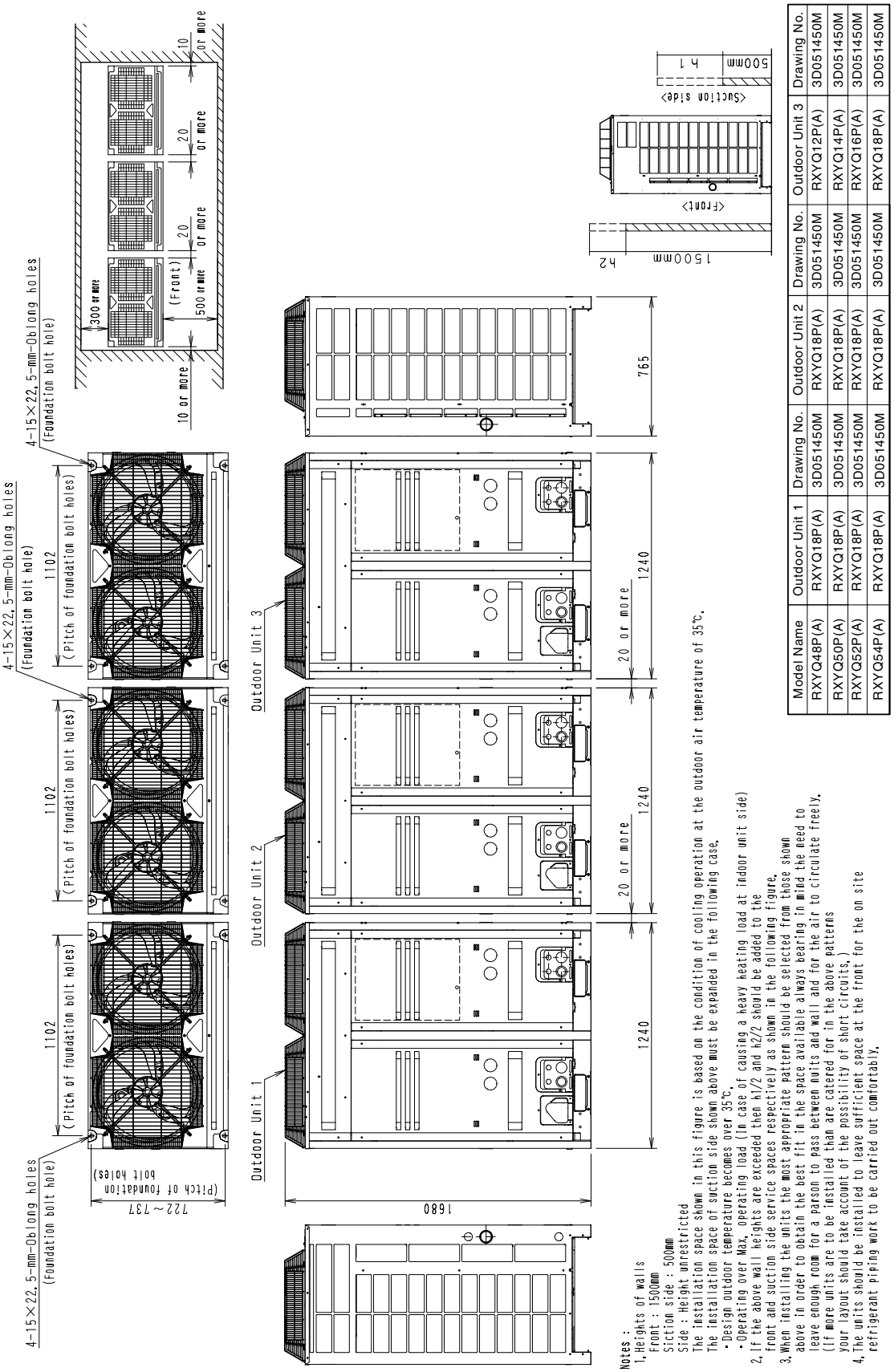
Notes :
1. Heights of walls
Front : 1500mm
Suction side : 500mm
Side : Height unrestricted
The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 35°C.
The installation space of suction side shown above must be expanded in the following case.
• Design outdoor temperature becomes over 35°C.
• Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

Model Name	Outdoor Unit 1	Drawing No.	Outdoor Unit 2	Drawing No.	Outdoor Unit 3	Drawing No.
RXYQ38P(A)	RXYQ18P(A)	3D051450M	RXYQ12P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ40P(A)	RXYQ16P(A)	3D051450M	RXYQ16P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ42P(A)	RXYQ18P(A)	3D051450M	RXYQ16P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ44P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ8P(A)	3D051449L
RXYQ46P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ10P(A)	3D051449L

C: 3D052932A

RXYQ48/50/52/54PAY1
RXYQ48/50/52/54PAYL
RXYQ48/50/52/54PTL

Unit (mm)



Model Name	Outdoor Unit 1	Drawing No.	Outdoor Unit 2	Drawing No.	Outdoor Unit 3	Drawing No.
RXYQ48P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ12P(A)	3D051450M
RXYQ50P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ14P(A)	3D051450M
RXYQ52P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ16P(A)	3D051450M
RXYQ54P(A)	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M	RXYQ18P(A)	3D051450M

Notes :
1. Heights of walls
   Front : 1500mm
   Suction side : 500mm
   Side : Height unrestricted
   The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 35°C.
   The installation space of suction side shown above must be expanded in the following case.
   • Design outdoor temperature becomes over 35°C.
   • Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

C: 3D052933A

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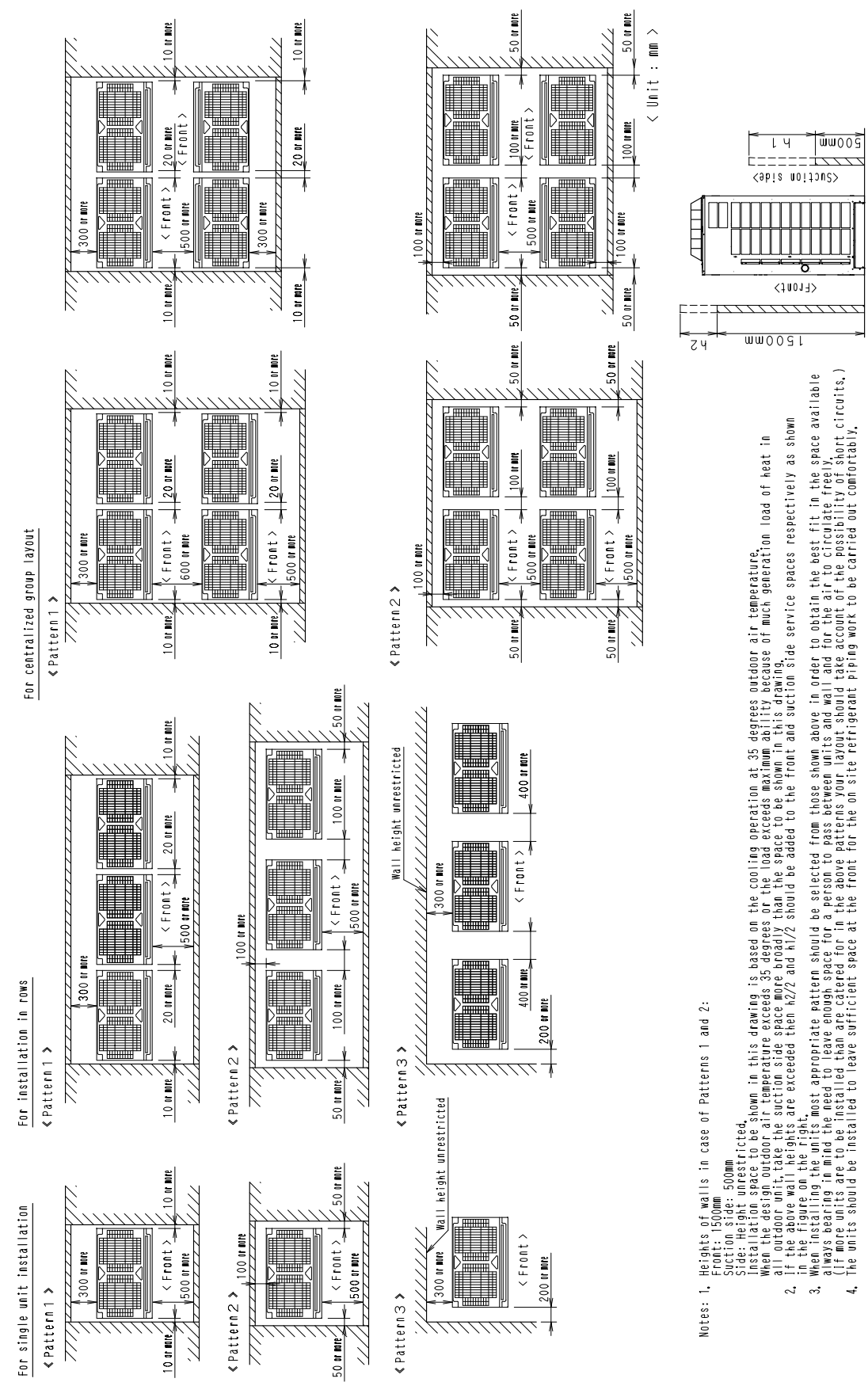
3. Service Space

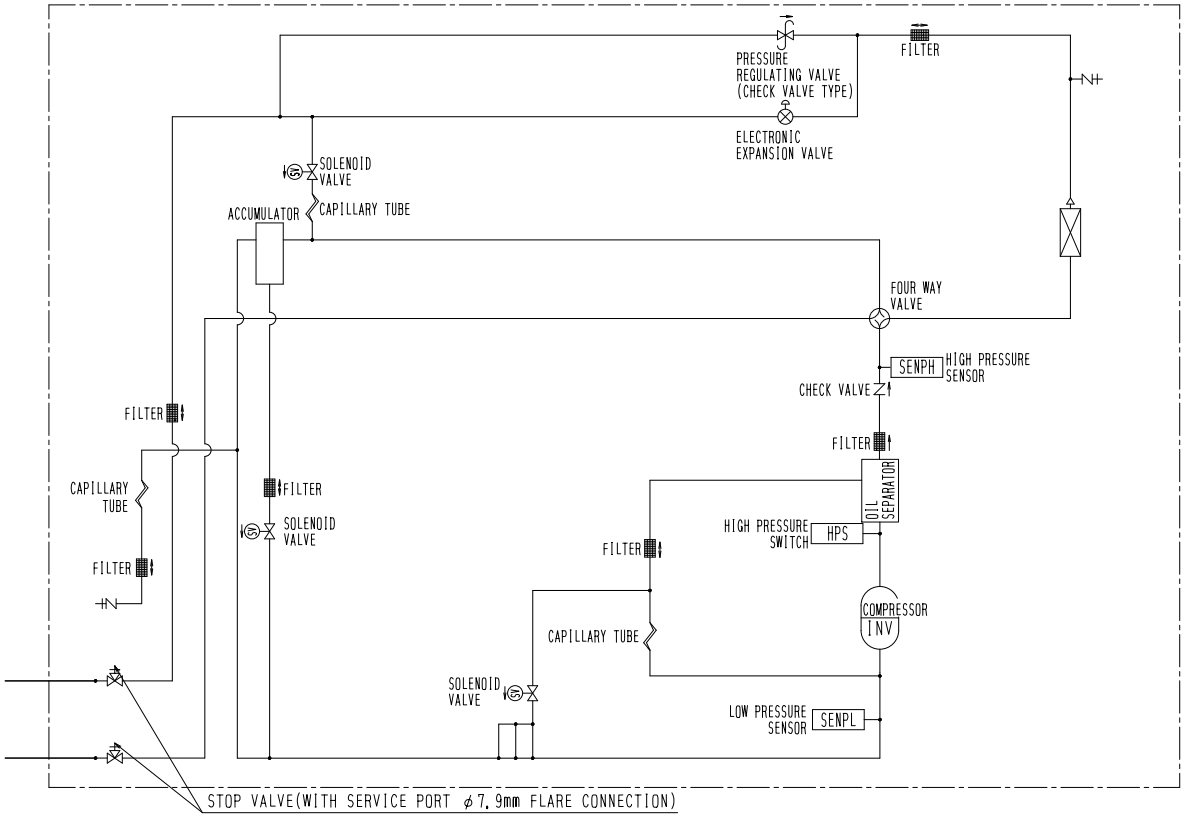
Unit (mm)



Notes: 1. Heights of walls in case of Patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: Height unrestricted.
Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space to be shown in this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely.
(If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

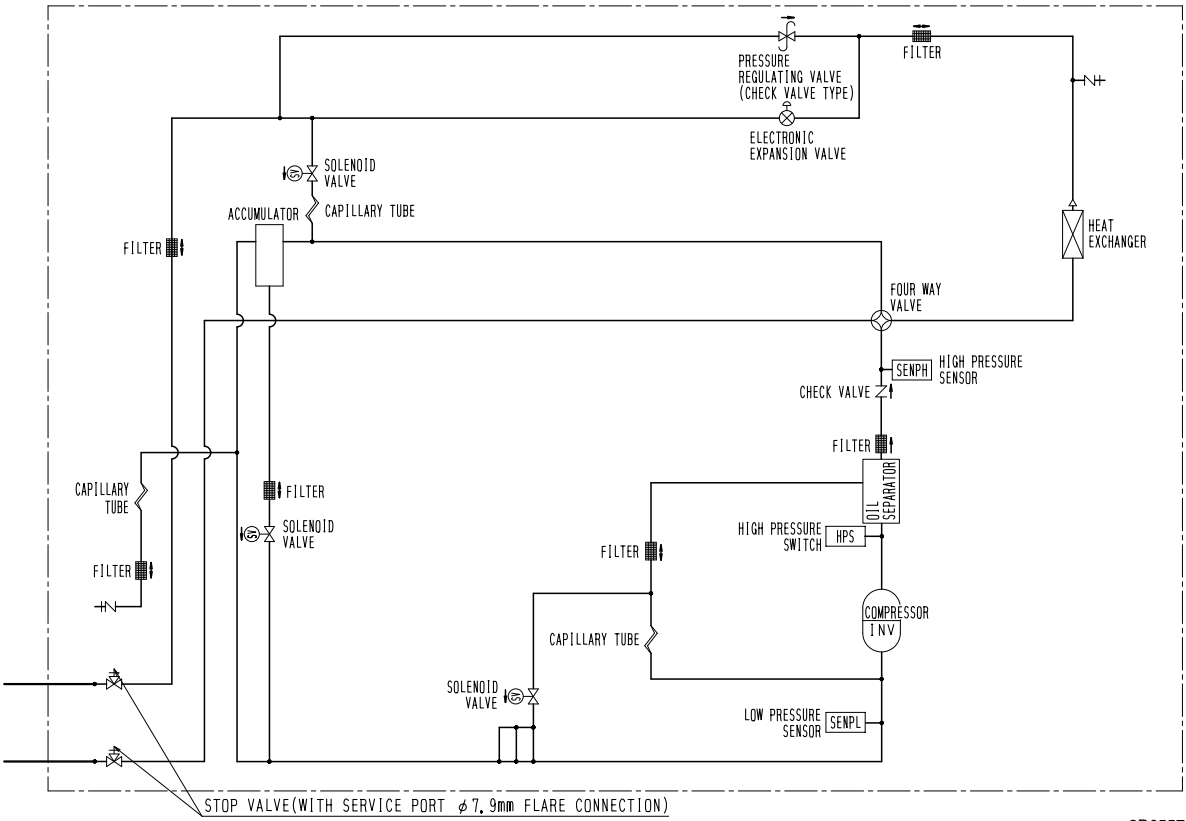
4. Piping Diagrams

RXYQ5PAY1



3D050782B

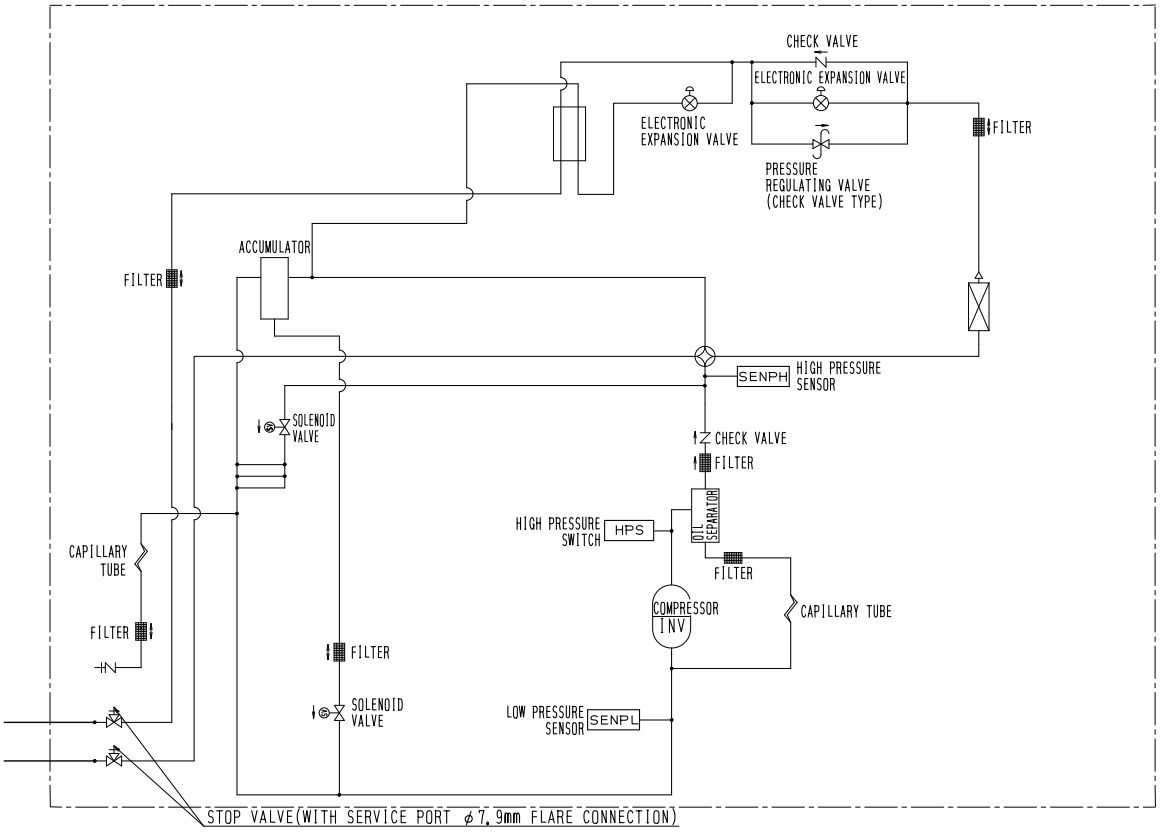
RXYQ5PAYL
RXYQ5PTL



3D055764D

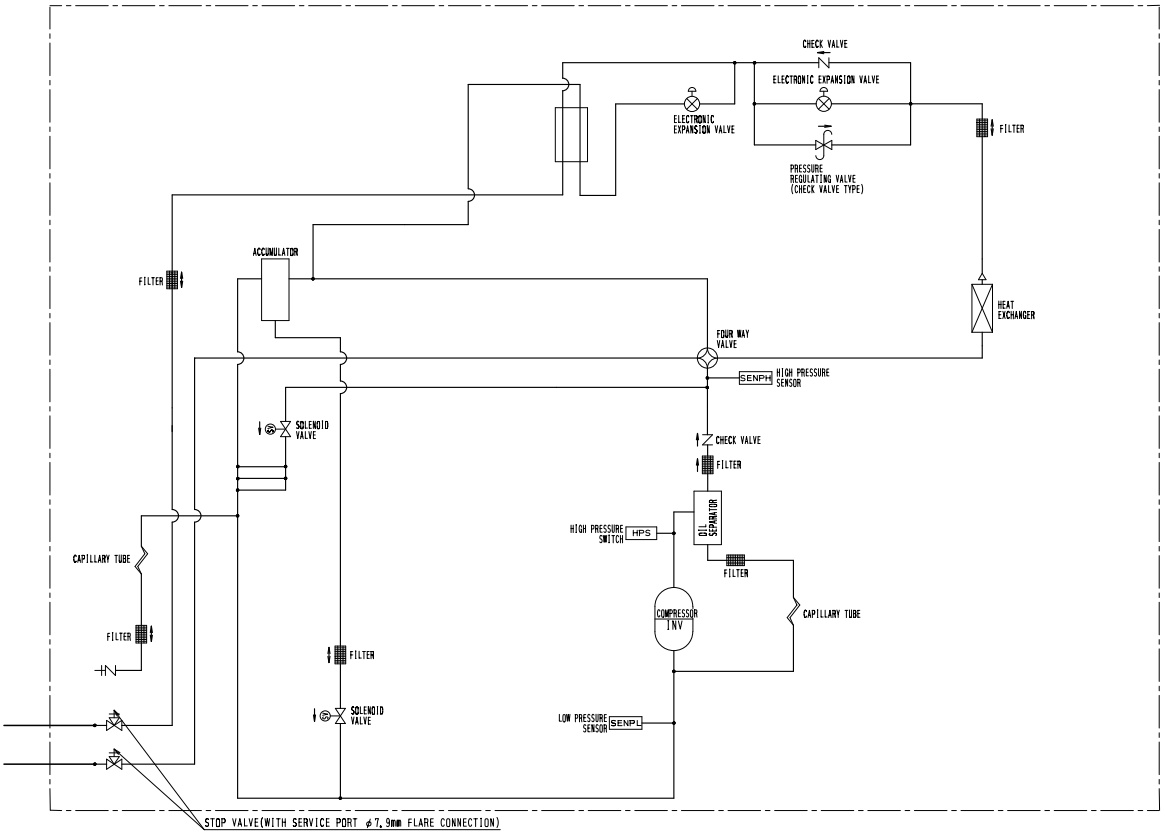
14

RXYQ8PAY1



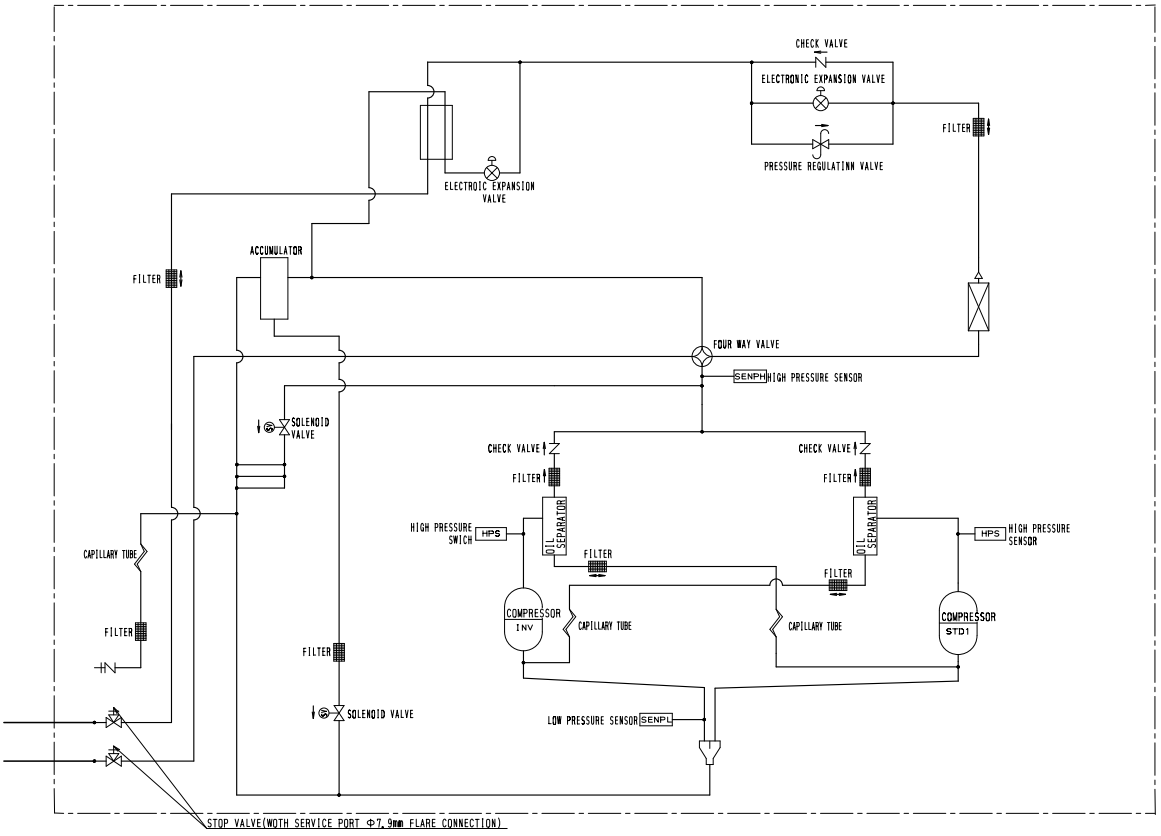
3D050783C

RXYQ8PAYL
RXYQ8PTL



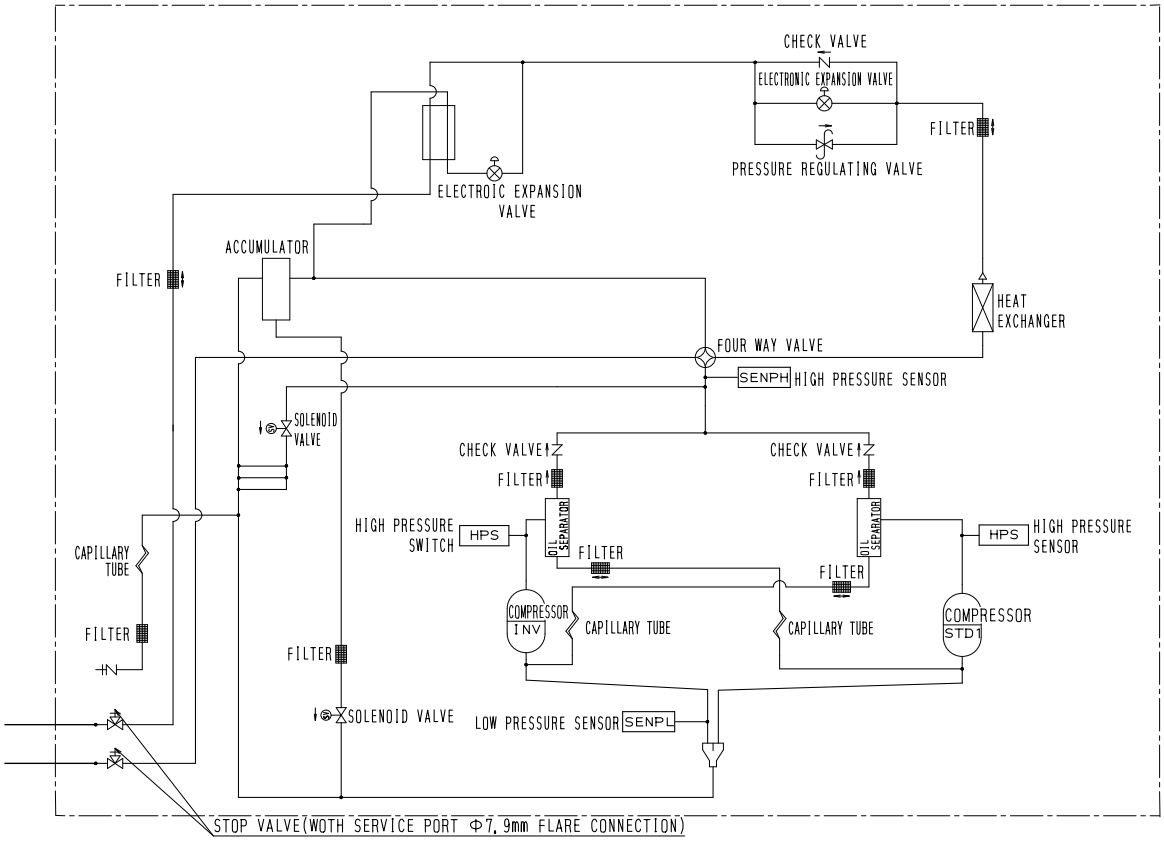
3D055765E

RXYQ10/12PAY1



3D050784D

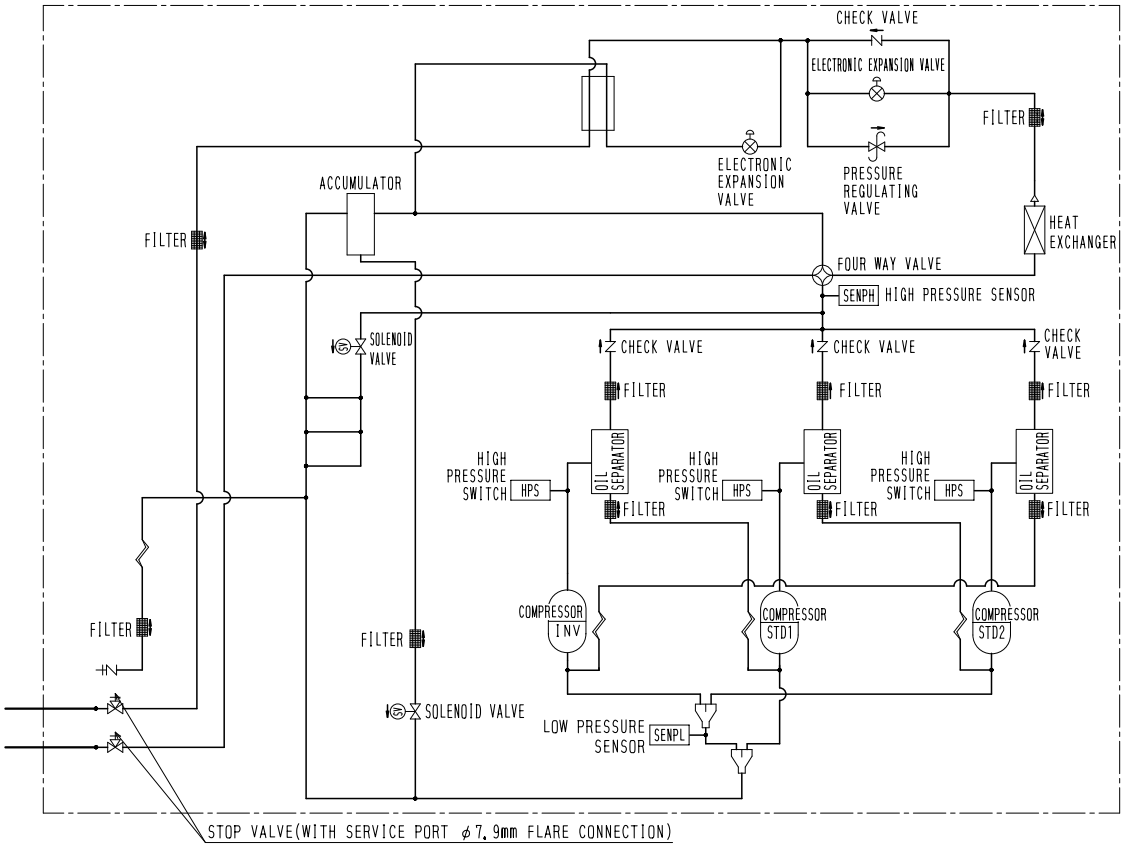
RXYQ10/12PAYL
RXYQ10/12PTL



3D055766E

14

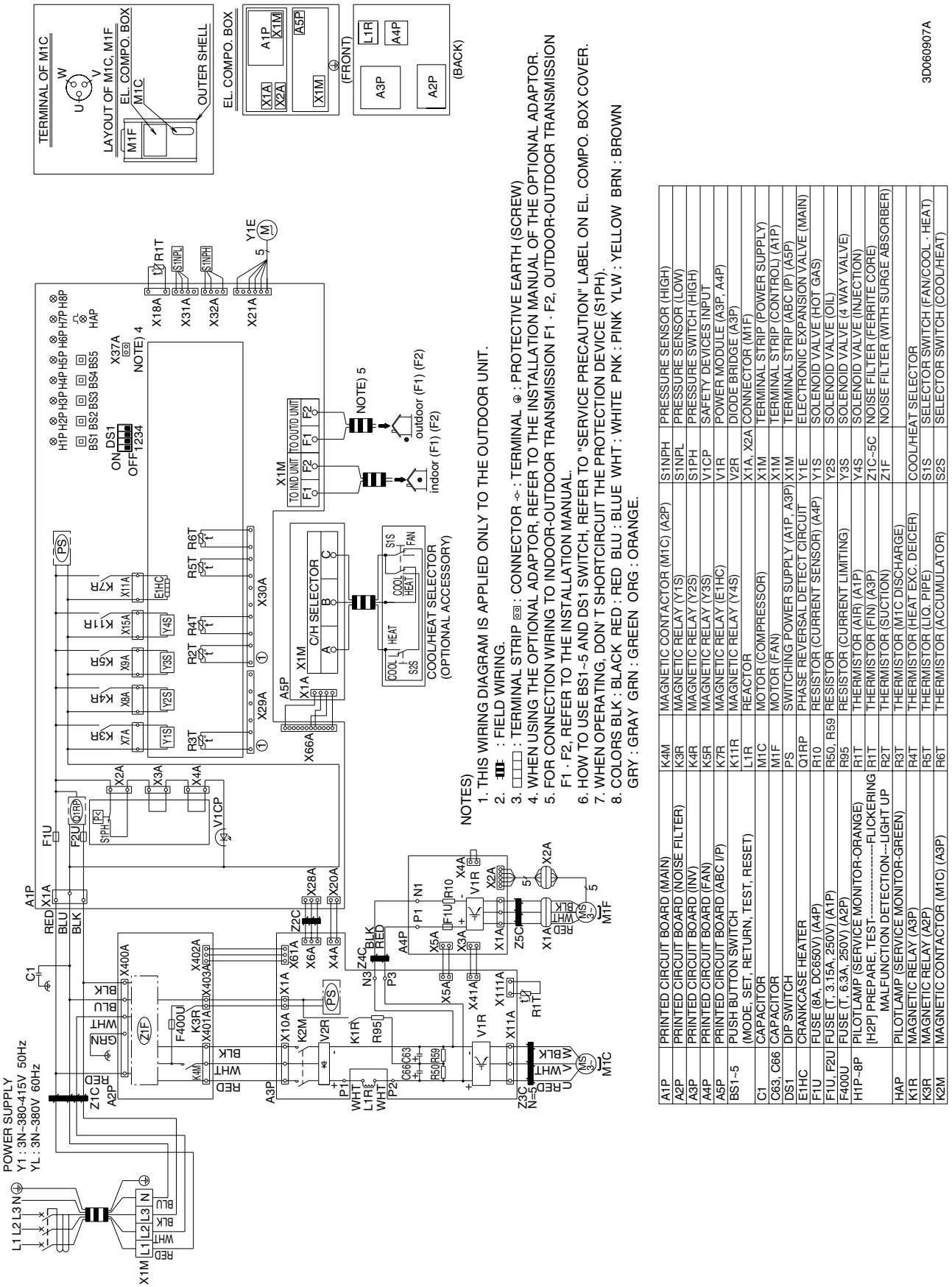
RXYQ14/16/18PAY1
RXYQ14/16/18PAYL
RXYQ14/16/18PTL



3D050785C

5. Wiring Diagrams

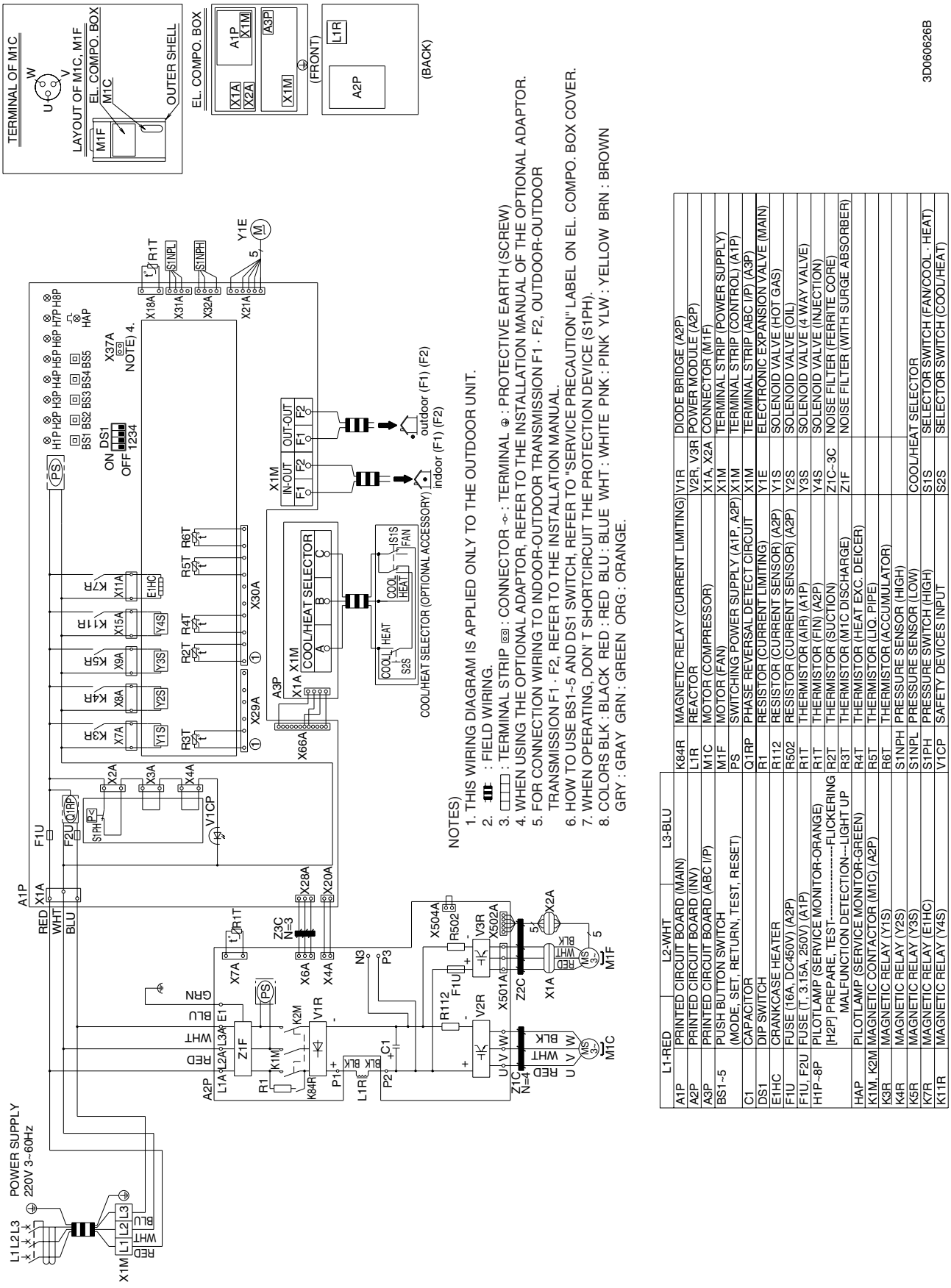
RXYQ5PAY1
RXYQ5PAYL



NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING.
3. : TERMINAL STRIP : CONNECTOR : TERMINAL : PROTECTIVE EARTH (SCREW)
4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-OUTDOOR TRANSMISSION F1 · F2, REFER TO THE INSTALLATION MANUAL.
6. HOW TO USE BS1~5 AND DS1 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
7. WHEN OPERATING, DON' T SHORTCIRCUIT THE PROTECTION DEVICE (S1PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN
GRY : GRAY GRN : GREEN ORG : ORANGE.

A1P	PRINTED CIRCUIT BOARD (MAIN)	K4M	MAGNETIC CONTACTOR (M1C) (A2P)	S1NPH	PRESSURE SENSOR (HIGH)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K3R	MAGNETIC RELAY (Y1S)	S1NPL	PRESSURE SENSOR (LOW)
A3P	PRINTED CIRCUIT BOARD (INV)	K4R	MAGNETIC RELAY (Y2S)	S1PH	PRESSURE SWITCH (HIGH)
A4P	PRINTED CIRCUIT BOARD (FAN)	K5R	MAGNETIC RELAY (Y3S)	V1CP	SAFETY DEVICES INPUT
A5P	PRINTED CIRCUIT BOARD (ABC I/P)	K7R	MAGNETIC RELAY (E1HC)	V1R	POWER MODULE (A3P, A4P)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	K11R	MAGNETIC RELAY (Y4S)	V2R	DIODE BRIDGE (A3P)
		L1R	REACTOR	X1A, X2A	CONNECTOR (M1F)
C1	CAPACITOR	M1C	MOTOR (COMPRESSOR)	X1M	TERMINAL STRIP (POWER SUPPLY)
C63, C66	CAPACITOR	M1F	MOTOR (FAN)	X1M	TERMINAL STRIP (CONTROL) (A1P)
DS1	DIP SWITCH	PS	SWITCHING POWER SUPPLY (A1P, A3P)	X1M	TERMINAL STRIP (ABC I/P) (A5P)
E1HC	CRANKCASE HEATER	Q1RP	PHASE REVERSAL DETECT CIRCUIT	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
F1U	FUSE (8A, DC650V) (A4P)	R10	RESISTOR (CURRENT SENSOR) (A4P)	Y1S	SOLENOID VALVE (HOT GAS)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	R50, R59	RESISTOR	Y2S	SOLENOID VALVE (OIL)
F400U	FUSE (T, 6.3A, 250V) (A2P)	R95	RESISTOR (CURRENT LIMITING)	Y3S	SOLENOID VALVE (4 WAY VALVE)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE, TEST----------FLICKERING MALFUNCTION DETECTION---LIGHT UP	R1T	THERMISTOR (AIR) (A1P)	Y4S	SOLENOID VALVE (INJECTION)
		R1T	THERMISTOR (FIN) (A3P)	Z1C~5C	NOISE FILTER (FERRITE CORE)
		R2T	THERMISTOR (SUCTION)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R3T	THERMISTOR (M1C DISCHARGE)		
K1R	MAGNETIC RELAY (A3P)	R4T	THERMISTOR (HEAT EXC. DEICER)	COOL/HEAT SELECTOR	
K3R	MAGNETIC RELAY (A2P)	R5T	THERMISTOR (LIQ. PIPE)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K2M	MAGNETIC CONTACTOR (M1C) (A3P)	R6T	THERMISTOR (ACCUMULATOR)	S2S	SELECTOR SWITCH (COOL/HEAT)

RXYQ5PTL

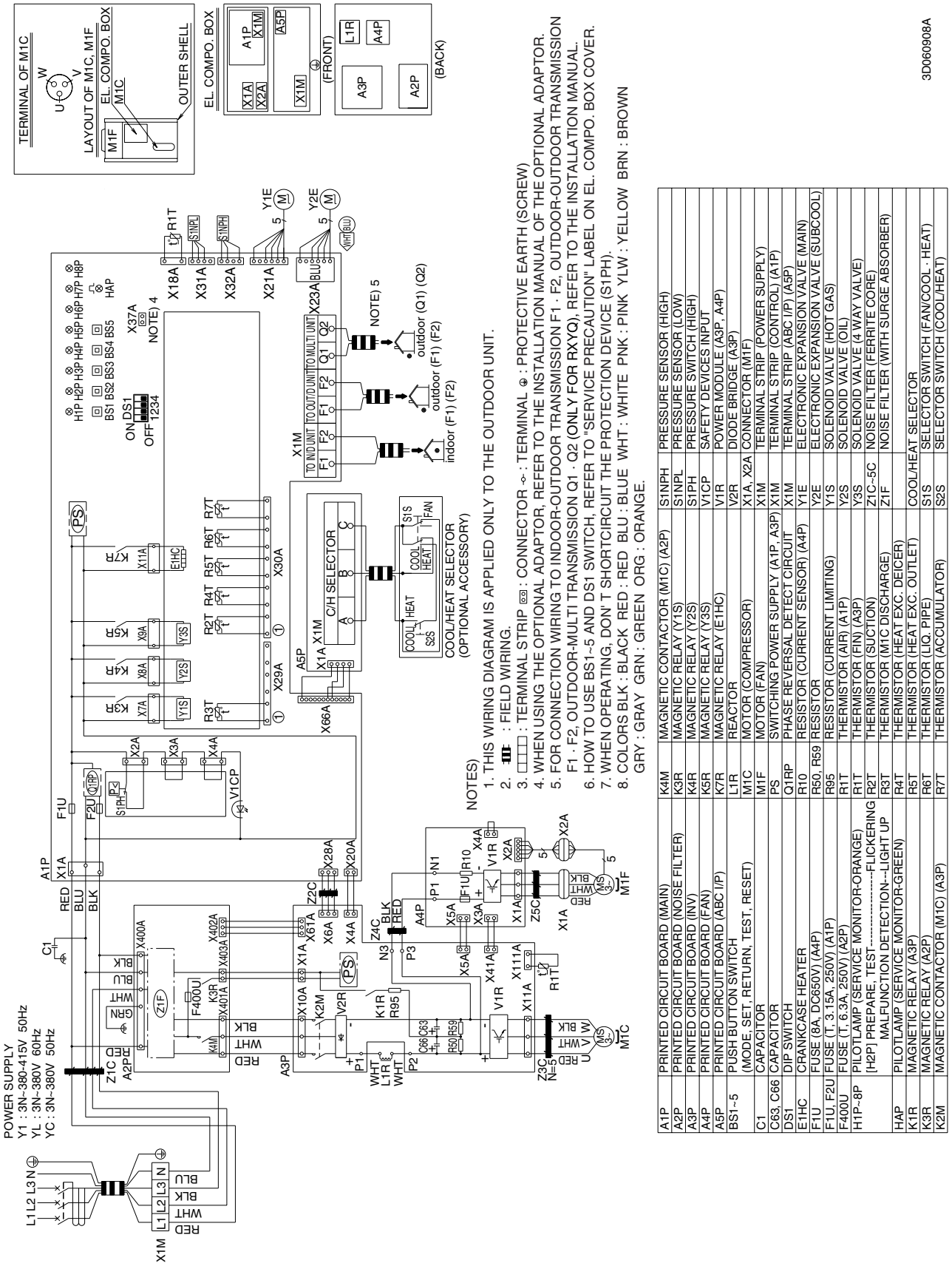


NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING.
3. : TERMINAL STRIP : CONNECTOR : TERMINAL : PROTECTIVE EARTH (SCREW)
4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-OUTDOOR TRANSMISSION F1 · F2, REFER TO THE INSTALLATION MANUAL.
6. HOW TO USE BS1~5 AND DS1 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
7. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE (S1PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN GRY : GRAY GRN : GREEN ORG : ORANGE.

L1-RED	L2-WHT	L3-BLU			
A1P	PRINTED CIRCUIT BOARD (MAIN)	K84R	MAGNETIC RELAY (CURRENT LIMITING)	Y1R	DIODE BRIDGE (A2P)
A2P	PRINTED CIRCUIT BOARD (INV)	L1R	REACTOR	V2R, V3R	POWER MODULE (A2P)
A3P	PRINTED CIRCUIT BOARD (ABC I/P)	M1C	MOTOR (COMPRESSOR)	X1A, X2A	CONNECTOR (M1F)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	M1F	MOTOR (FAN)	X1M	TERMINAL STRIP (POWER SUPPLY)
		PS	SWITCHING POWER SUPPLY (A1P, A2P)	X1M	TERMINAL STRIP (CONTROL) (A1P)
C1	CAPACITOR	Q1RP	PHASE REVERSAL DETECT CIRCUIT	X1M	TERMINAL STRIP (ABC I/P) (A3P)
DS1	DIP SWITCH	R1	RESISTOR (CURRENT LIMITING)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
E1HC	CRANKCASE HEATER	R112	RESISTOR (CURRENT SENSOR) (A2P)	Y1S	SOLENOID VALVE (HOT GAS)
F1U	FUSE (16A, DC450V) (A2P)	R502	RESISTOR (CURRENT SENSOR) (A2P)	Y2S	SOLENOID VALVE (OIL)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	R1T	THERMISTOR (AIR) (A1P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE, TEST----------FLICKERING MALFUNCTION DETECTION---LIGHT UP	R1T	THERMISTOR (FIN) (A2P)	Y4S	SOLENOID VALVE (INJECTION)
		R2T	THERMISTOR (SUCTION)	Z1C~3C	NOISE FILTER (FERRITE CORE)
		R3T	THERMISTOR (M1C DISCHARGE)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R4T	THERMISTOR (HEAT EXC. DEICER)		
K1M, K2M	MAGNETIC CONTACTOR (M1C) (A2P)	R5T	THERMISTOR (LIQ. PIPE)		
K3R	MAGNETIC RELAY (Y1S)	R6T	THERMISTOR (ACCUMULATOR)		
K4R	MAGNETIC RELAY (Y2S)	S1NPH	PRESSURE SENSOR (HIGH)		
K5R	MAGNETIC RELAY (Y3S)	S1NPL	PRESSURE SENSOR (LOW)	COOL/HEAT SELECTOR	
K7R	MAGNETIC RELAY (E1HC)	S1PH	PRESSURE SWITCH (HIGH)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K11R	MAGNETIC RELAY (Y4S)	V1CP	SAFETY DEVICES INPUT	S2S	SELECTOR SWITCH (COOL/HEAT)

3D060626B

RXYQ8PAY1
RXYQ8PAYL



A1P	PRINTED CIRCUIT BOARD (MAIN)	K4M	MAGNETIC CONTACTOR (M1C) (A2P)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K3R	MAGNETIC RELAY (Y1S)
A3P	PRINTED CIRCUIT BOARD (INV)	K4R	MAGNETIC RELAY (Y2S)
A4P	PRINTED CIRCUIT BOARD (FAN)	K5R	MAGNETIC RELAY (Y3S)
A5P	PRINTED CIRCUIT BOARD (ABC I/P)	K7R	MAGNETIC RELAY (E1HC)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	L1R	REACTOR
		M1C	MOTOR (COMPRESSOR)
C1	CAPACITOR	M1F	MOTOR (FAN)
C63, C66	CAPACITOR	PS	SWITCHING POWER SUPPLY (A1P, A3P)
DS1	DIP SWITCH	Q1RP	PHASE REVERSAL DETECT CIRCUIT
E1HC	CRANKCASE HEATER	R10	RESISTOR (CURRENT SENSOR) (A4P)
F1U	FUSE (8A, DC650V) (A4P)	R50, R59	RESISTOR
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	R95	RESISTOR (CURRENT LIMITING)
F400U	FUSE (T, 6.3A, 250V) (A2P)	R1T	THERMISTOR (AIR) (A1P)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE, TEST----------FLICKERING MALFUNCTION DETECTION--LIGHT UP	R1T	THERMISTOR (FIN) (A3P)
		R2T	THERMISTOR (SUCTION)
		R3T	THERMISTOR (M1C DISCHARGE)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R4T	THERMISTOR (HEAT EXC. DEICER)
K1R	MAGNETIC RELAY (A3P)	R5T	THERMISTOR (HEAT EXC. OUTLET)
K3R	MAGNETIC RELAY (A2P)	R6T	THERMISTOR (LIQ. PIPE)
K2M	MAGNETIC CONTACTOR (M1C) (A3P)	R7T	THERMISTOR (ACCUMULATOR)
S1NPH	PRESSURE SENSOR (HIGH)
S1NPL	PRESSURE SENSOR (LOW)
S1PH	PRESSURE SWITCH (HIGH)
V1CP	SAFETY DEVICES INPUT
V1R	POWER MODULE (A3P, A4P)
V2R	DIODE BRIDGE (A3P)
X1A, X2A	CONNECTOR (M1F)
X1M	TERMINAL STRIP (POWER SUPPLY)
X1M	TERMINAL STRIP (CONTROL) (A1P)
X1M	TERMINAL STRIP (ABC I/P) (A5P)
Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
Y1S	SOLENOID VALVE (HOT GAS)
Y2S	SOLENOID VALVE (OIL)
Y3S	SOLENOID VALVE (4 WAY VALVE)
Z1C~5C	NOISE FILTER (FERRITE CORE)
Z1F	NOISE FILTER (WITH SURGE ABSORBER)
COOL/HEAT SELECTOR	
S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
S2S	SELECTOR SWITCH (COOL/HEAT)

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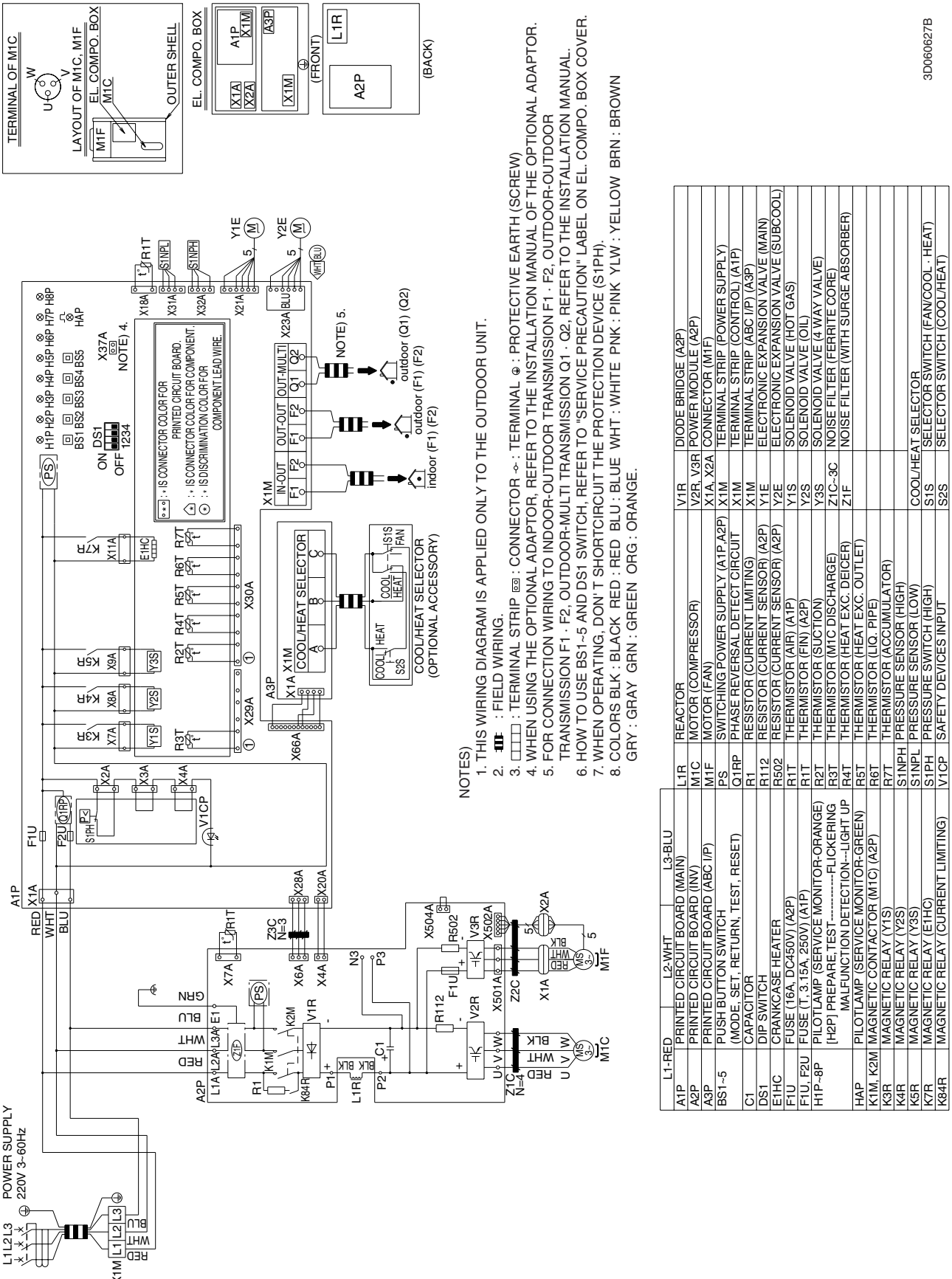

NOTES)
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4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-MULTI TRANSMISSION Q1 · Q2, REFER TO THE INSTALLATION MANUAL.
6. HOW TO USE BS1~5 AND DS1 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
7. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE (S1PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN
GRY : GRAY GRN : GREEN ORG : ORANGE.

L1-RED	L2-WHT	L3-BLU				
A1P	PRINTED CIRCUIT BOARD (MAIN)		L1R	REACTOR	V1R	DIODE BRIDGE (A2P)
A2P	PRINTED CIRCUIT BOARD (INV)		M1C	MOTOR (COMPRESSOR)	V2R, V3R	POWER MODULE (A2P)
A3P	PRINTED CIRCUIT BOARD (ABC I/P)		M1F	MOTOR (FAN)	X1A, X2A	CONNECTOR (M1F)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)		PS	SWITCHING POWER SUPPLY (A1P,A2P)	X1M	TERMINAL STRIP (POWER SUPPLY)
			Q1RP	PHASE REVERSAL DETECT CIRCUIT	X1M	TERMINAL STRIP (CONTROL) (A1P)
C1	CAPACITOR		R1	RESISTOR (CURRENT LIMITING)	X1M	TERMINAL STRIP (ABC I/P) (A3P)
DS1	DIP SWITCH		R112	RESISTOR (CURRENT SENSOR) (A2P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
E1HC	CRANKCASE HEATER		R502	RESISTOR (CURRENT SENSOR) (A2P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U	FUSE (16A, DC450V) (A2P)		R1T	THERMISTOR (AIR) (A1P)	Y1S	SOLENOID VALVE (HOT GAS)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)		R1T	THERMISTOR (FIN) (A2P)	Y2S	SOLENOID VALVE (OIL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE TEST----------FLICKERING MALFUNCTION DETECTION---LIGHT UP		R2T	THERMISTOR (SUCTION)	Y3S	SOLENOID VALVE (4 WAY VALVE)
			R3T	THERMISTOR (M1C DISCHARGE)	Z1C~3C	NOISE FILTER (FERRITE CORE)
			R4T	THERMISTOR (HEAT EXC. DEICER)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)		R5T	THERMISTOR (HEAT EXC. OUTLET)		
K1M, K2M	MAGNETIC CONTACTOR (M1C) (A2P)		R6T	THERMISTOR (LIQ. PIPE)		
K3R	MAGNETIC RELAY (Y1S)		R7T	THERMISTOR (ACCUMULATOR)		
K4R	MAGNETIC RELAY (Y2S)		S1NPH	PRESSURE SENSOR (HIGH)		
K5R	MAGNETIC RELAY (Y3S)		S1NPL	PRESSURE SENSOR (LOW)	COOL/HEAT SELECTOR	
K7R	MAGNETIC RELAY (E1HC)		S1PH	PRESSURE SWITCH (HIGH)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K84R	MAGNETIC RELAY (CURRENT LIMITING)		V1CP	SAFETY DEVICES INPUT	S2S	SELECTOR SWITCH (COOL/HEAT)

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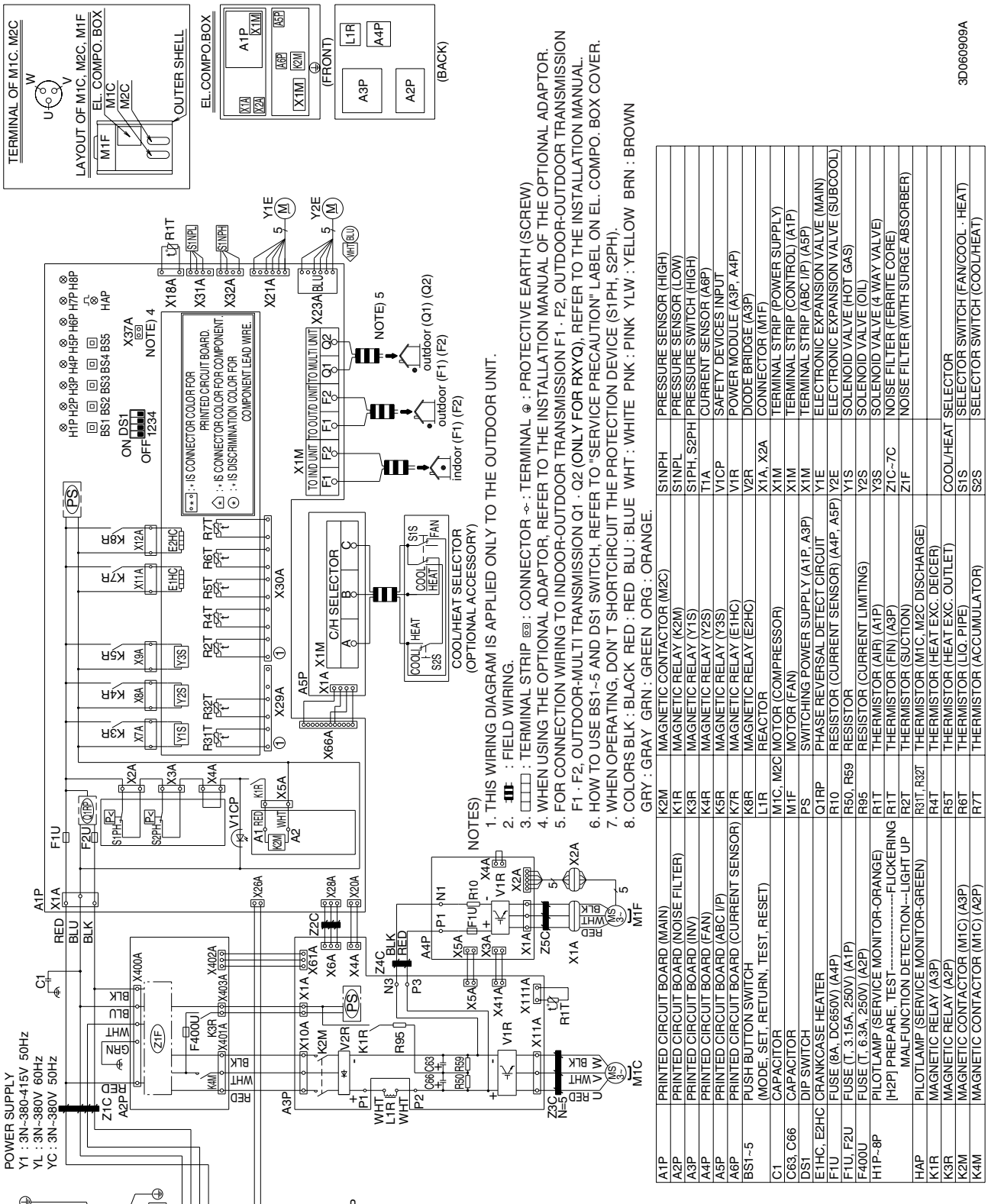

A1P	PRINTED CIRCUIT BOARD (MAIN)	K2M	MAGNETIC CONTACTOR (M2C)	S1NPH	PRESSURE SENSOR (HIGH)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K1R	MAGNETIC RELAY (K2M)	S1NPL	PRESSURE SENSOR (LOW)
A3P	PRINTED CIRCUIT BOARD (INV)	K3R	MAGNETIC RELAY (Y1S)	S1PH, S2PH	PRESSURE SWITCH (HIGH)
A4P	PRINTED CIRCUIT BOARD (FAN)	K4R	MAGNETIC RELAY (Y2S)	T1A	CURRENT SENSOR (A6P)
A5P	PRINTED CIRCUIT BOARD (ABC I/P)	K5R	MAGNETIC RELAY (Y3S)	V1CP	SAFETY DEVICES INPUT
A6P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	K7R	MAGNETIC RELAY (E1HC)	V1R	POWER MODULE (A3P, A4P)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	K8R	MAGNETIC RELAY (E2HC)	V2R	DIODE BRIDGE (A3P)
		L1R	REACTOR	X1A, X2A	CONNECTOR (M1F)
C1	CAPACITOR	M1C, M2C	MOTOR (COMPRESSOR)	X1M	TERMINAL STRIP (POWER SUPPLY)
C63, C66	CAPACITOR	M1F	MOTOR (FAN)	X1M	TERMINAL STRIP (CONTROL) (A1P)
DS1	DIP SWITCH	PS	SWITCHING POWER SUPPLY (A1P, A3P)	X1M	TERMINAL STRIP (ABC I/P) (A5P)
E1HC, E2HC	CRANKCASE HEATER	Q1RP	PHASE REVERSAL DETECT CIRCUIT	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
F1U	FUSE (8A, DC650V) (A4P)	R10	RESISTOR (CURRENT SENSOR) (A4P, A5P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	R50, R59	RESISTOR	Y1S	SOLENOID VALVE (HOT GAS)
F400U	FUSE (T, 6.3A, 250V) (A2P)	R95	RESISTOR (CURRENT LIMITING)	Y2S	SOLENOID VALVE (OIL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE, TEST----------FLICKERING MALFUNCTION DETECTION---LIGHT UP	R1T	THERMISTOR (AIR) (A1P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
		R1T	THERMISTOR (FIN) (A3P)	Z1C~7C	NOISE FILTER (FERRITE CORE)
		R2T	THERMISTOR (SUCTION)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R31T, R32T	THERMISTOR (M1C, M2C DISCHARGE)		
K1R	MAGNETIC RELAY (A3P)	R4T	THERMISTOR (HEAT EXC. DEICER)		
K3R	MAGNETIC RELAY (A2P)	R5T	THERMISTOR (HEAT EXC. OUTLET)	COOL/HEAT	SELECTOR
K2M	MAGNETIC CONTACTOR (M1C) (A3P)	R6T	THERMISTOR (LIQ. PIPE)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K4M	MAGNETIC CONTACTOR (M1C) (A2P)	R7T	THERMISTOR (ACCUMULATOR)	S2S	SELECTOR SWITCH (COOL/HEAT)

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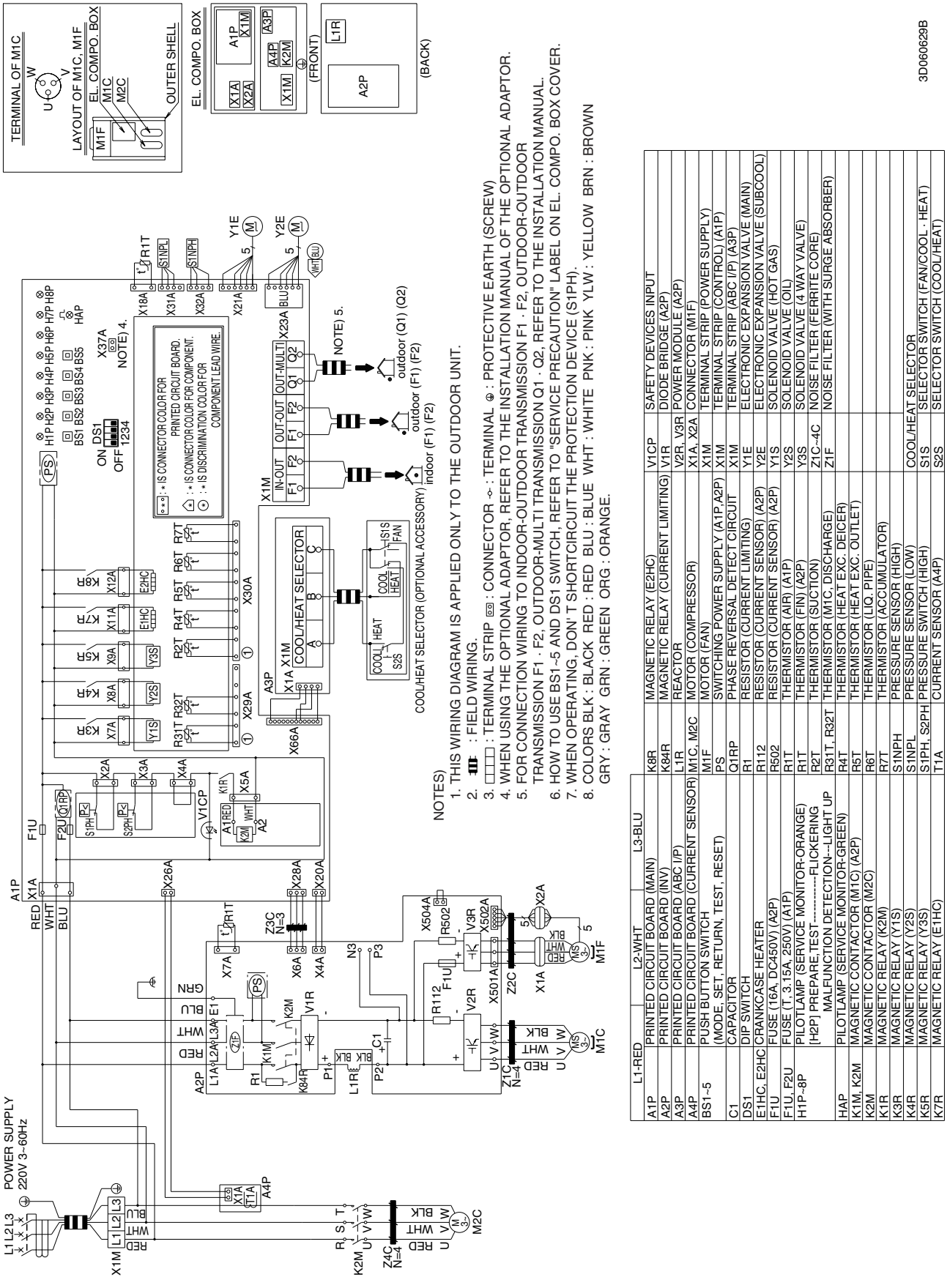

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8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN GRY : GRAY GRN : GREEN ORG : ORANGE.

L1-RED	L2-WHT	L3-BLU			
A1P	PRINTED CIRCUIT BOARD (MAIN)		K9R	MAGNETIC RELAY (E2HC)	V1CP	SAFETY DEVICES INPUT
A2P	PRINTED CIRCUIT BOARD (INV)		K84R	MAGNETIC RELAY (CURRENT LIMITING)	V1R	DIODE BRIDGE (A2P)
A3P	PRINTED CIRCUIT BOARD (ABC I/P)		L1R	REACTOR	V2R, V3R	POWER MODULE (A2P)
A4P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)		M1C, M2C	MOTOR (COMPRESSOR)	X1A, X2A	CONNECTOR (M1F)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)		M1F	MOTOR (FAN)	X1M	TERMINAL STRIP (POWER SUPPLY)
			PS	SWITCHING POWER SUPPLY (A1P, A2P)	X1M	TERMINAL STRIP (CONTROL) (A1P)
C1	CAPACITOR		Q1RP	PHASE REVERSAL DETECT CIRCUIT	X1M	TERMINAL STRIP (ABC I/P) (A3P)
DS1	DIP SWITCH		R1	RESISTOR (CURRENT LIMITING)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
E1HC, E2HC	CRANKCASE HEATER		R112	RESISTOR (CURRENT SENSOR) (A2P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U	FUSE (16A, DC450V) (A2P)		R502	RESISTOR (CURRENT SENSOR) (A2P)	Y1S	SOLENOID VALVE (HOT GAS)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)		R1T	THERMISTOR (AIR) (A1P)	Y2S	SOLENOID VALVE (OIL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE TEST----------FLICKERING MALFUNCTION DETECTION--LIGHT UP		R1T	THERMISTOR (FIN) (A2P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
			R2T	THERMISTOR (SUCTION)	Z1C~4C	NOISE FILTER (FERRITE CORE)
			R31T, R32T	THERMISTOR (M1C, DISCHARGE)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)		R4T	THERMISTOR (HEAT EXC. DEICER)		
K1M, K2M	MAGNETIC CONTACTOR (M1C) (A2P)		R5T	THERMISTOR (HEAT EXC. OUTLET)		
K2M	MAGNETIC CONTACTOR (M2C)		R6T	THERMISTOR (LIQ. PIPE)		
K1R	MAGNETIC RELAY (K2M)		R7T	THERMISTOR (ACCUMULATOR)		
K3R	MAGNETIC RELAY (Y1S)		S1NPH	PRESSURE SENSOR (HIGH)		
K4R	MAGNETIC RELAY (Y2S)		S1NPL	PRESSURE SENSOR (LOW)	COOL/HEAT SELECTOR	
K5R	MAGNETIC RELAY (Y3S)		S1PH, S2PH	PRESSURE SWITCH (HIGH)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K7R	MAGNETIC RELAY (E1HC)		T1A	CURRENT SENSOR (A4P)	S2S	SELECTOR SWITCH (COOL/HEAT)

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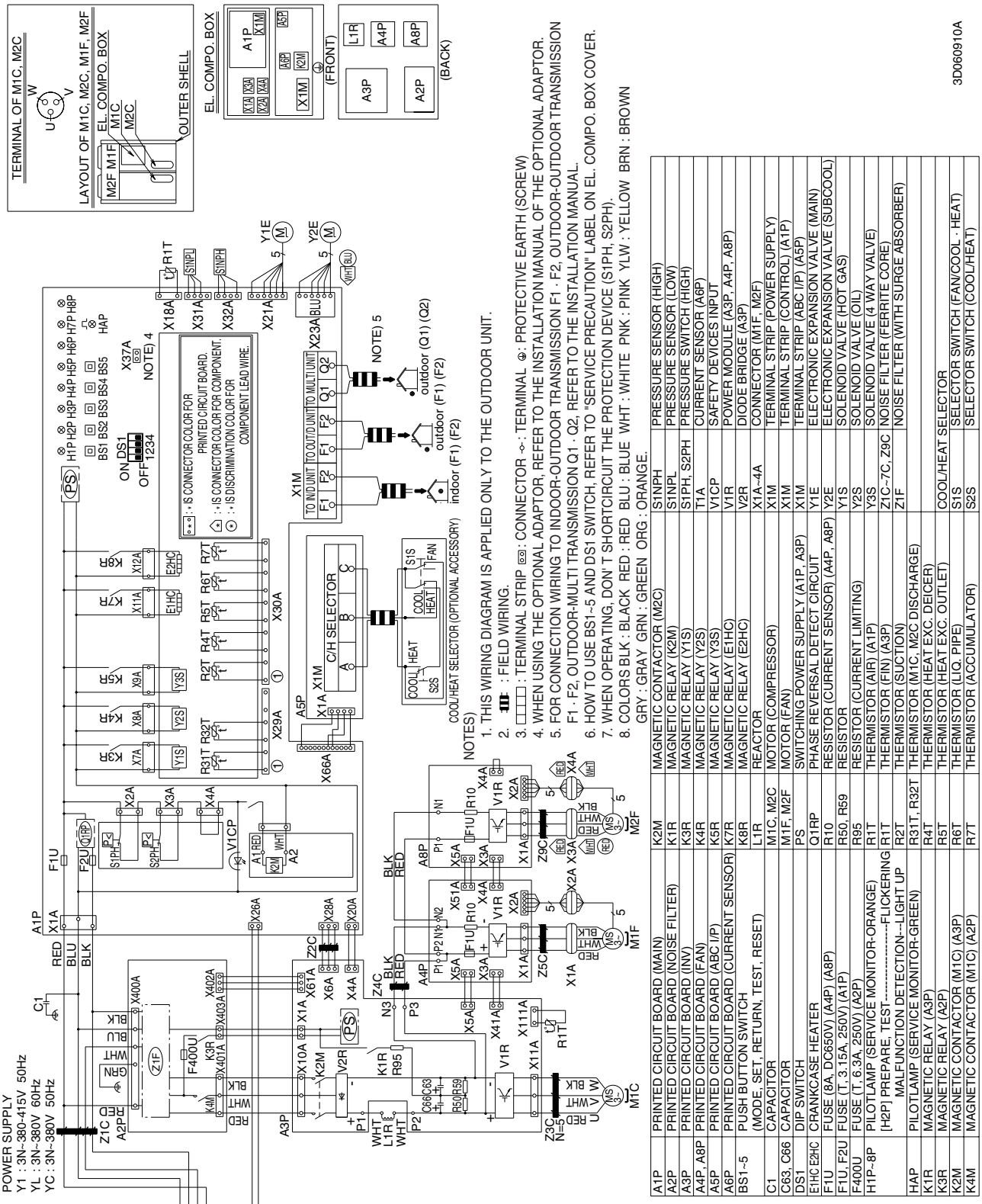

A1P	PRINTED CIRCUIT BOARD (MAIN)	K2M	MAGNETIC CONTACTOR (M2C)	S1NPH	PRESSURE SENSOR (HIGH)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K1R	MAGNETIC RELAY (K2M)	S1NPL	PRESSURE SENSOR (LOW)
A3P	PRINTED CIRCUIT BOARD (INV)	K3R	MAGNETIC RELAY (Y1S)	S1PH, S2PH	PRESSURE SWITCH (HIGH)
A4P, A8P	PRINTED CIRCUIT BOARD (FAN)	K4R	MAGNETIC RELAY (Y2S)	T1A	CURRENT SENSOR (A6P)
A5P	PRINTED CIRCUIT BOARD (ABC I/P)	K5R	MAGNETIC RELAY (Y3S)	V1CP	SAFETY DEVICES INPUT
A6P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	K7R	MAGNETIC RELAY (E1HC)	V1R	POWER MODULE (A3P, A4P, A8P)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	K8R	MAGNETIC RELAY (E2HC)	V2R	DIODE BRIDGE (A3P)
		L1R	REACTOR	X1A~4A	CONNECTOR (M1F, M2F)
C1	CAPACITOR	M1C, M2C	MOTOR (COMPRESSOR)	X1M	TERMINAL STRIP (POWER SUPPLY)
C63, C66	CAPACITOR	M1F, M2F	MOTOR (FAN)	X1M	TERMINAL STRIP (CONTROL) (A1P)
DS1	DIP SWITCH	PS	SWITCHING POWER SUPPLY (A1P, A3P)	X1M	TERMINAL STRIP (ABC I/P) (A5P)
E1HC E2HC	CRANKCASE HEATER	Q1RP	PHASE REVERSAL DETECT CIRCUIT	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
F1U	FUSE (8A, DC650V) (A4P) (A8P)	R10	RESISTOR (CURRENT SENSOR) (A4P, A8P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	R50, R59	RESISTOR	Y1S	SOLENOID VALVE (HOT GAS)
F400U	FUSE (T, 6.3A, 250V) (A2P)	R95	RESISTOR (CURRENT LIMITING)	Y2S	SOLENOID VALVE (OIL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE) [H2P] PREPARE TEST----------FLICKERING MALFUNCTION DETECTION--LIGHT UP	R1T	THERMISTOR (AIR) (A1P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
		R1T	THERMISTOR (FIN) (A3P)	Z1C~7C, Z9C	NOISE FILTER (FERRITE CORE)
		R2T	THERMISTOR (SUCTION)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R31T, R32T	THERMISTOR (M1C, M2C DISCHARGE)		
K1R	MAGNETIC RELAY (A3P)	R4T	THERMISTOR (HEAT EXC. DEICER)		
K3R	MAGNETIC RELAY (A2P)	R5T	THERMISTOR (HEAT EXC. OUTLET)	COOL/HEAT SELECTOR	
K2M	MAGNETIC CONTACTOR (M1C) (A3P)	R6T	THERMISTOR (LIQ. PIPE)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K4M	MAGNETIC CONTACTOR (M1C) (A2P)	R7T	THERMISTOR (ACCUMULATOR)	S2S	SELECTOR SWITCH (COOL/HEAT)

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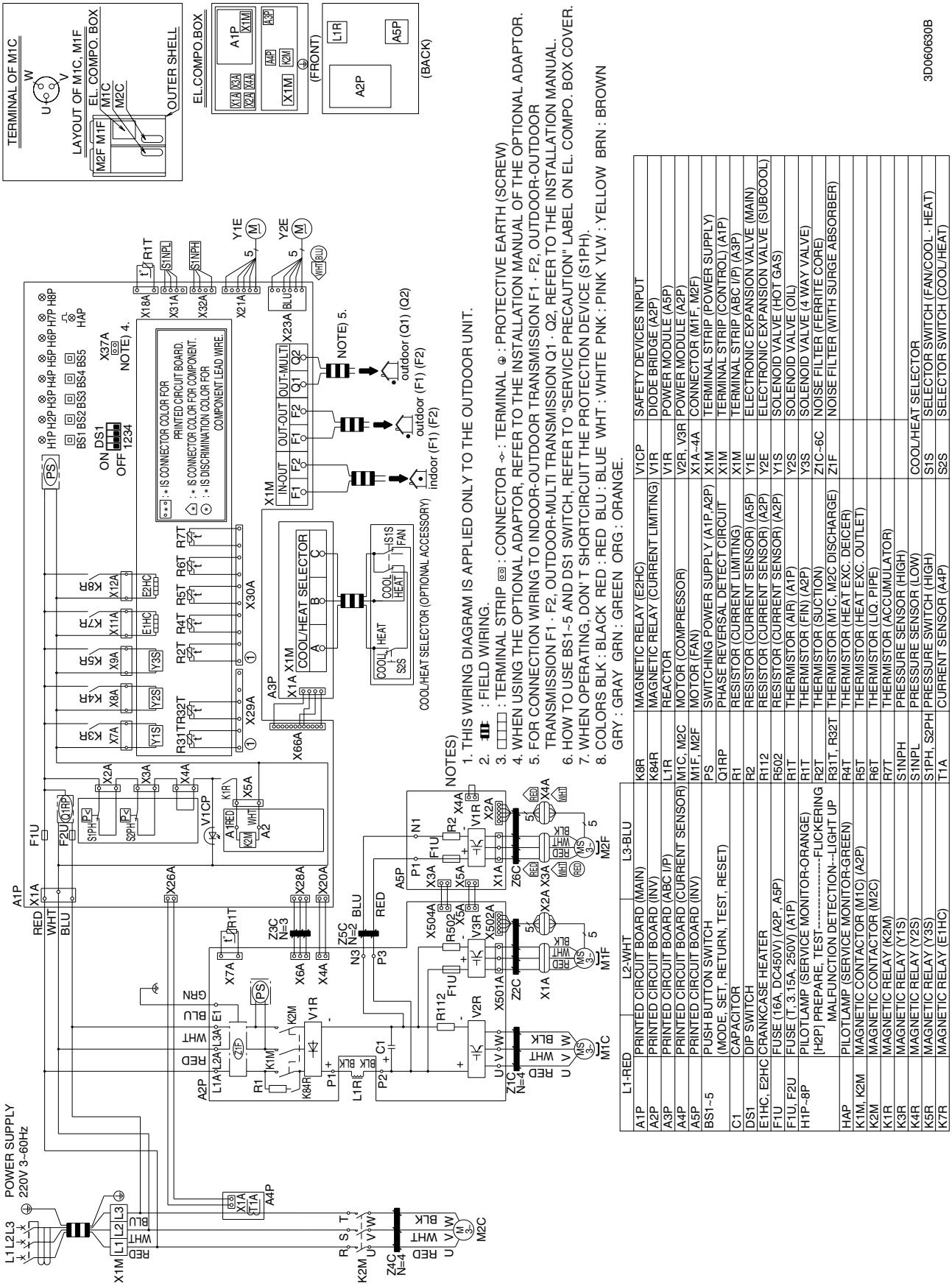

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7. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE (S1PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN
GRY : GRAY GRN : GREEN ORG : ORANGE.

L1-RED	L2-WHT	L3-BLU			
A1P	PRINTED CIRCUIT BOARD (MAIN)		K8R	MAGNETIC RELAY (E2HC)	V1CP	SAFETY DEVICES INPUT
A2P	PRINTED CIRCUIT BOARD (INV)		K84R	MAGNETIC RELAY (CURRENT LIMITING)	V1R	DIODE BRIDGE (A2P)
A3P	PRINTED CIRCUIT BOARD (ABC I/P)		L1R	REACTOR	V1R	POWER MODULE (A5P)
A4P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)		M1C, M2C	MOTOR (COMPRESSOR)	V2R, V3R	POWER MODULE (A2P)
A5P	PRINTED CIRCUIT BOARD (INV)		M1F, M2F	MOTOR (FAN)	X1A~4A	CONNECTOR (M1F, M2F)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)		PS	SWITCHING POWER SUPPLY (A1P,A2P)	X1M	TERMINAL STRIP (POWER SUPPLY)
			Q1RP	PHASE REVERSAL DETECT CIRCUIT	X1M	TERMINAL STRIP (CONTROL) (A1P)
C1	CAPACITOR		R1	RESISTOR (CURRENT LIMITING)	X1M	TERMINAL STRIP (ABC I/P) (A3P)
DS1	DIP SWITCH		R2	RESISTOR (CURRENT SENSOR) (A5P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
E1HC, E2HC	CRANKCASE HEATER		R112	RESISTOR (CURRENT SENSOR) (A2P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U	FUSE (16A, DC450V) (A2P, A5P)		R502	RESISTOR (CURRENT SENSOR) (A2P)	Y1S	SOLENOID VALVE (HOT GAS)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)		R1T	THERMISTOR (AIR) (A1P)	Y2S	SOLENOID VALVE (OIL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE)		R1T	THERMISTOR (FIN) (A2P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
	[H2P] PREPARE, TEST----------FLICKERING		R2T	THERMISTOR (SUCTION)	Z1C~6C	NOISE FILTER (FERRITE CORE)
	MALFUNCTION DETECTION--LIGHT UP		R31T, R32T	THERMISTOR (M1C, M2C DISCHARGE)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)		R4T	THERMISTOR (HEAT EXC. DEICER)		
K1M, K2M	MAGNETIC CONTACTOR (M1C) (A2P)		R5T	THERMISTOR (HEAT EXC. OUTLET)		
K2M	MAGNETIC CONTACTOR (M2C)		R6T	THERMISTOR (LIQ. PIPE)		
K1R	MAGNETIC RELAY (K2M)		R7T	THERMISTOR (ACCUMULATOR)		
K3R	MAGNETIC RELAY (Y1S)		S1NPH	PRESSURE SENSOR (HIGH)		
K4R	MAGNETIC RELAY (Y2S)		S1NPL	PRESSURE SENSOR (LOW)	COOL/HEAT SELECTOR	
K5R	MAGNETIC RELAY (Y3S)		S1PH, S2PH	PRESSURE SWITCH (HIGH)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K7R	MAGNETIC RELAY (E1HC)		T1A	CURRENT SENSOR (A4P)	S2S	SELECTOR SWITCH (COOL/HEAT)

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RXYQ14/16/18PAY1
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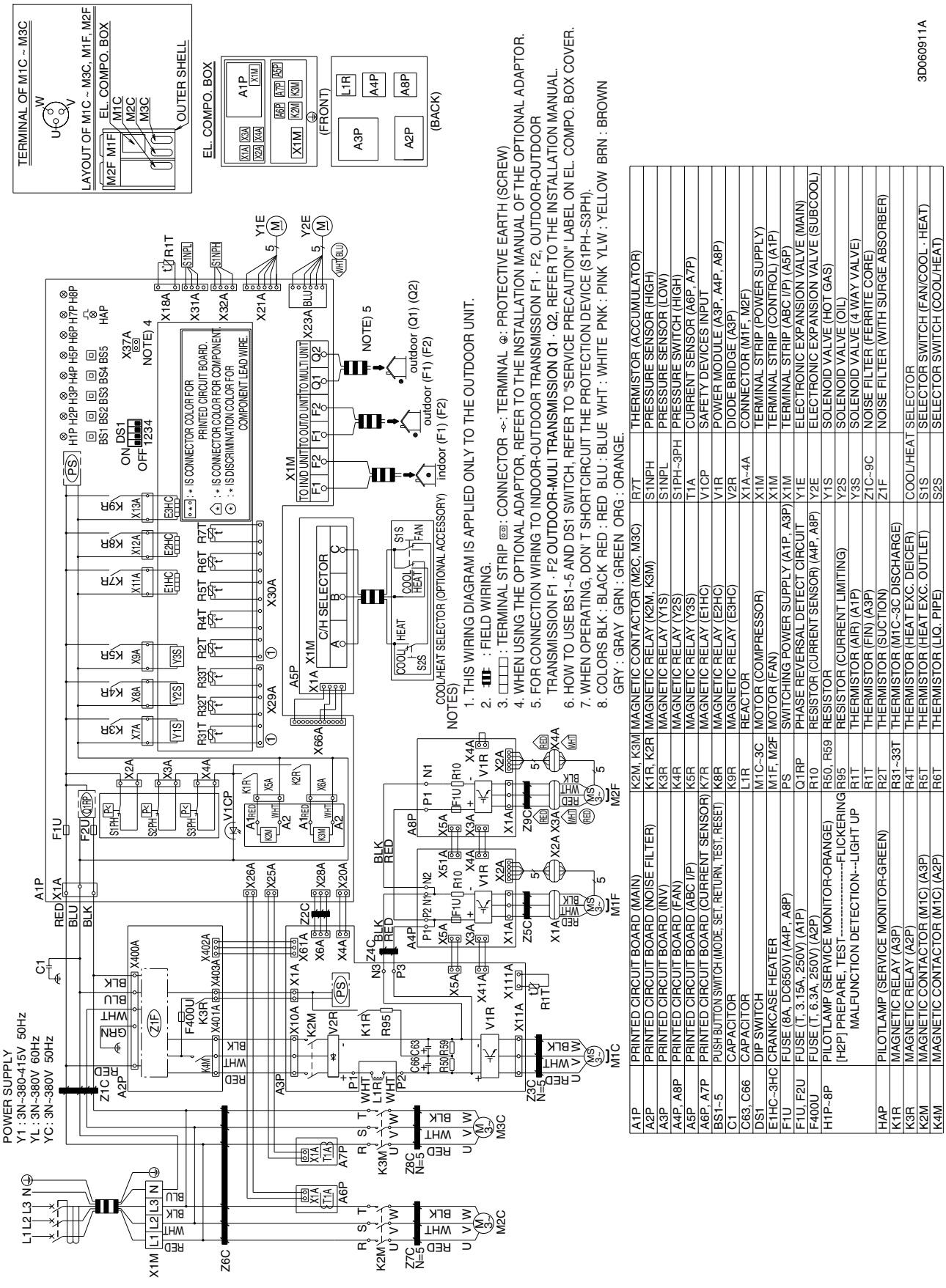
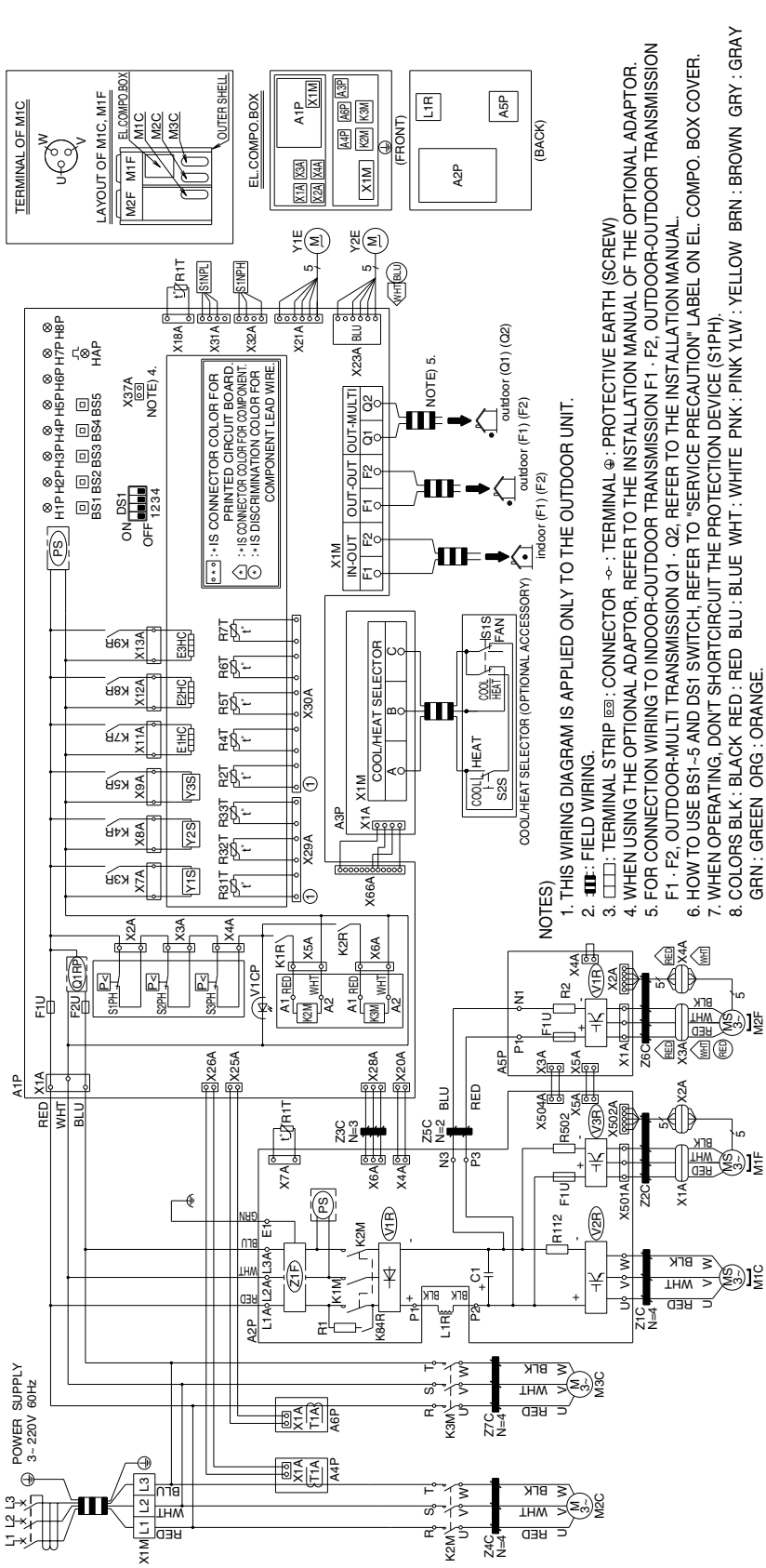


A1P	PRINTED CIRCUIT BOARD (MAIN)	K2M, K3M	MAGNETIC CONTACTOR (M2C, M3C)	R7T	THERMISTOR (ACCUMULATOR)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K1R, K2R	MAGNETIC RELAY (K2M, K3M)	S1NPH	PRESSURE SENSOR (HIGH)
A3P	PRINTED CIRCUIT BOARD (INV)	K3R	MAGNETIC RELAY (Y1S)	S1NPL	PRESSURE SENSOR (LOW)
A4P, A8P	PRINTED CIRCUIT BOARD (FAN)	K4R	MAGNETIC RELAY (Y2S)	S1PH~3PH	PRESSURE SWITCH (HIGH)
A5P	PRINTED CIRCUIT BOARD (ABC I/P)	K5R	MAGNETIC RELAY (Y3S)	T1A	CURRENT SENSOR (A6P, A7P)
A6P, A7P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	K7R	MAGNETIC RELAY (E1HC)	V1CP	SAFETY DEVICES INPUT
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	K8R	MAGNETIC RELAY (E2HC)	V1R	POWER MODULE (A3P, A4P, A8P)
C1	CAPACITOR	K9R	MAGNETIC RELAY (E3HC)	V2R	DIODE BRIDGE (A3P)
C63, C66	CAPACITOR	L1R	REACTOR	X1A~4A	CONNECTOR (M1F, M2F)
DS1	DIP SWITCH	M1C~3C	MOTOR (COMPRESSOR)	X1M	TERMINAL STRIP (POWER SUPPLY)
E1HC~3HC	CRANKCASE HEATER	M1F, M2F	MOTOR (FAN)	X1M	TERMINAL STRIP (CONTROL) (A1P)
F1U	FUSE (8A, DC650V) (A4P, A8P)	PS	SWITCHING POWER SUPPLY (A1P, A3P)	X1M	TERMINAL STRIP (ABC I/P) (A5P)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	Q1RP	PHASE REVERSAL DETECT CIRCUIT	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
F400U	FUSE (T, 6.3A, 250V) (A2P)	R10	RESISTOR (CURRENT SENSOR) (A4P, A8P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
H1P~8P	PILOTLAMP (SERVICE MONITOR-ORANGE)	R50, R59	RESISTOR	Y1S	SOLENOID VALVE (HOT GAS)
	[H2P] PREPARE, TEST----------FLICKERING	R95	RESISTOR (CURRENT LIMITING)	Y2S	SOLENOID VALVE (OIL)
	MALFUNCTION DETECTION--LIGHT UP	R1T	THERMISTOR (AIR) (A1P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
		R1T	THERMISTOR (FIN) (A3P)	Z1C~9C	NOISE FILTER (FERRITE CORE)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R2T	THERMISTOR (SUCTION)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
K1R	MAGNETIC RELAY (A3P)	R31~33T	THERMISTOR (M1C~3C DISCHARGE)		
K3R	MAGNETIC RELAY (A2P)	R4T	THERMISTOR (HEAT EXC. DEICER)	COOL/HEAT	SELECTOR
K2M	MAGNETIC CONTACTOR (M1C) (A3P)	R5T	THERMISTOR (HEAT EXC. OUTLET)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K4M	MAGNETIC CONTACTOR (M1C) (A2P)	R6T	THERMISTOR (LIQ. PIPE)	S2S	SELECTOR SWITCH (COOL/HEAT)

14

RXYQ14/16/18PTL



NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
2. ■■: FIELD WIRING.
3. □□□: TERMINAL STRIP ▭ : CONNECTOR ⊸ : TERMINAL ⏚ : PROTECTIVE EARTH (SCREW)
4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-OUTDOOR TRANSMISSION F1 · F2, OUTDOOR-MULTI TRANSMISSION Q1 · Q2, REFER TO THE INSTALLATION MANUAL.
6. HOW TO USE BS1~5 AND DS1 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
7. WHEN OPERATING, DONT SHORTCIRCUIT THE PROTECTION DEVICE (S1PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE PNK : PINK YLW : YELLOW BRN : BROWN GRY : GRAY GRN : GREEN ORG : ORANGE.

A1P	PRINTED CIRCUIT BOARD (MAIN)	K8R	MAGNETIC RELAY (E2HC)	T1A	CURRENT SENSOR (A4P, A6P)
A2P	PRINTED CIRCUIT BOARD (INV)	K9R	MAGNETIC RELAY (E3HC)	V1CP	SAFETY DEVICES INPUT
A3P	PRINTED CIRCUIT BOARD (ABC I/P)	K84R	MAGNETIC RELAY (CURRENT LIMITING)	V1R	DIODE BRIDGE (A2P)
A4P, A6P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	L1R	REACTOR	V1R	POWER MODULE (A5P)
A5P	PRINTED CIRCUIT BOARD (INV)	M1C~3C	MOTOR (COMPRESSOR)	V2R,V3R	POWER MODULE (A2P)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)	M1F, M2F	MOTOR (FAN)	X1A~4A	CONNECTOR (M1F, M2F)
		PS	SWITCHING POWER SUPPLY (A1P, A2P)	X1M	TERMINAL STRIP (POWER SUPPLY)
C1	CAPACITOR	Q1RP	PHASE REVERSAL DETECT CIRCUIT	X1M	TERMINAL STRIP (CONTROL) (A1P)
DS1	DIP SWITCH	R1	RESISTOR (CURRENT LIMITING)	X1M	TERMINAL STRIP (ABC I/P) (A3P)
E1HC~3HC	CRANKCASE HEATER	R2	RESISTOR (CURRENT SENSOR) (A5P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
F1U	FUSE (16A, DC450V) (A2P, A5P)	R112	RESISTOR (CURRENT SENSOR) (A2P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL)
F1U,F2U	FUSE (T, 3.15A, 250V) (A1P)	R502	RESISTOR (CURRENT SENSOR) (A2P)	Y1S	SOLENOID VALVE (HOT GAS)
H1P~8P	PILOTLAMP /SERVICE MONITOR-ORANGE) [H2P] PREPARE, TEST ---------- FLICKERING MALFUNCTION DETECTION --- LIGHT UP	R1T	THERMISTOR (AIR) (A1P)	Y2S	SOLENOID VALVE (OIL)
		R1T	THERMISTOR (FIN) (A2P)	Y3S	SOLENOID VALVE (4 WAY VALVE)
		R2T	THERMISTOR (SUCTION)	Z1C~7C	NOISE FILTER (FERRITE CORE)
HAP	PILOTLAMP (SERVICE MONITOR-GREEN)	R31T~33T	THERMISTOR (M1C~3C DISCHARGE)	Z1F	NOISE FILTER (WITH SURGE ABSORBER)
K1M,K2M	MAGNETIC CONTACTOR (M1C) (A2P)	R4T	THERMISTOR (HEAT EXC. DEICER)		
K2M,K3M	MAGNETIC CONTACTOR (M2C, M3C)	R5T	THERMISTOR (HEAT EXC. OUTLET)		
K1R,K2R	MAGNETIC RELAY (K2M, K3M)	R6T	THERMISTOR (LIQ. PIPE)		
K3R	MAGNETIC RELAY (Y1S)	R7T	THERMISTOR (ACCUMULATOR)		
K4R	MAGNETIC RELAY (Y2S)	S1NPH	PRESSURE SENSOR (HIGH)	COOL/HEAT SELECTOR	
K5R	MAGNETIC RELAY (Y3S)	S1NPL	PRESSURE SENSOR (LOW)	S1S	SELECTOR SWITCH (FAN/COOL · HEAT)
K7R	MAGNETIC RELAY (E1HC)	S1PH~3PH	PRESSURE SWITCH (HIGH)	S2S	SELECTOR SWITCH (COOL/HEAT)

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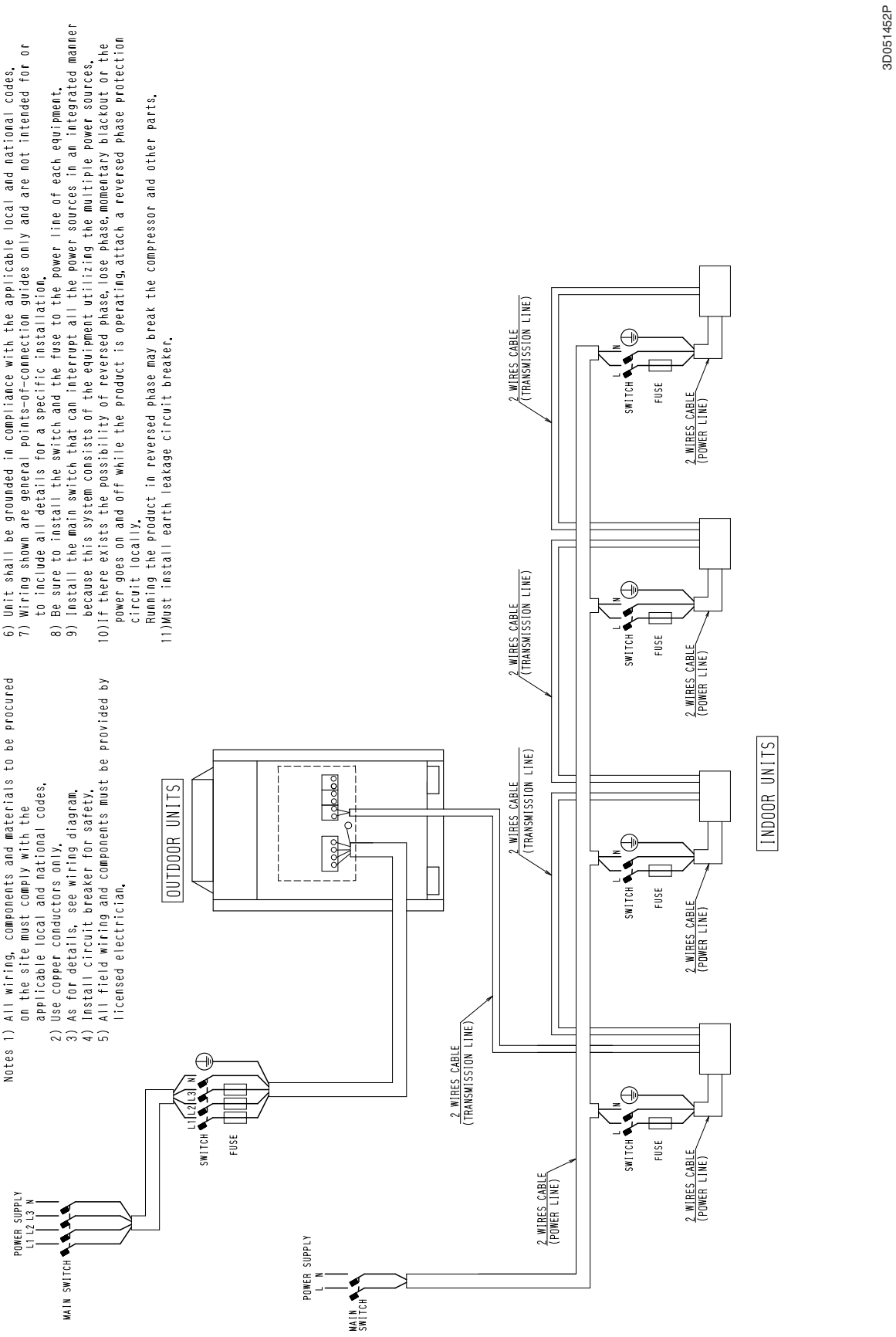
6. Field Wiring

RXYQ5/8/10/12/14/16/18PAY1
RXYQ5/8/10/12/14/16/18PAYL



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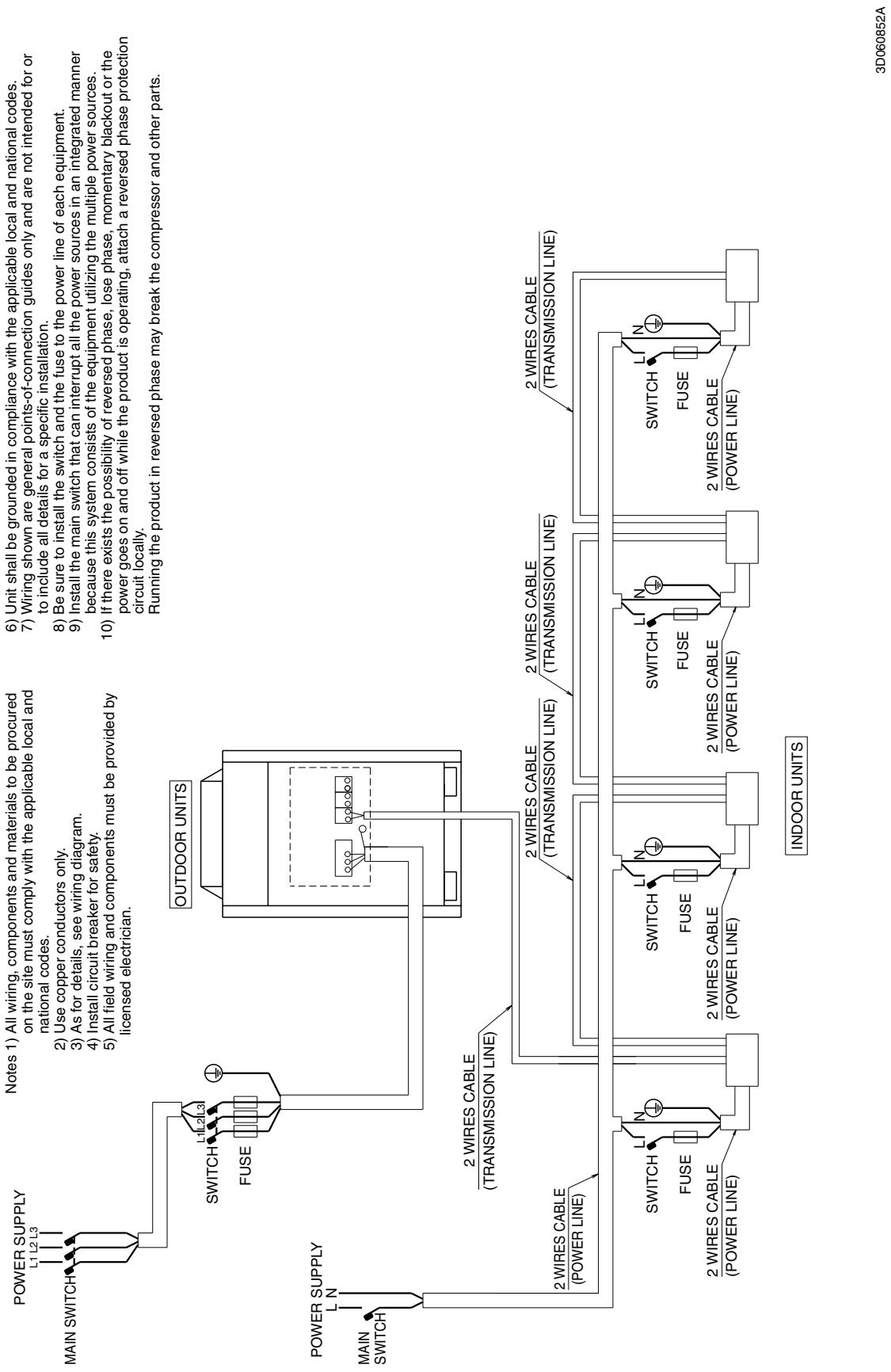
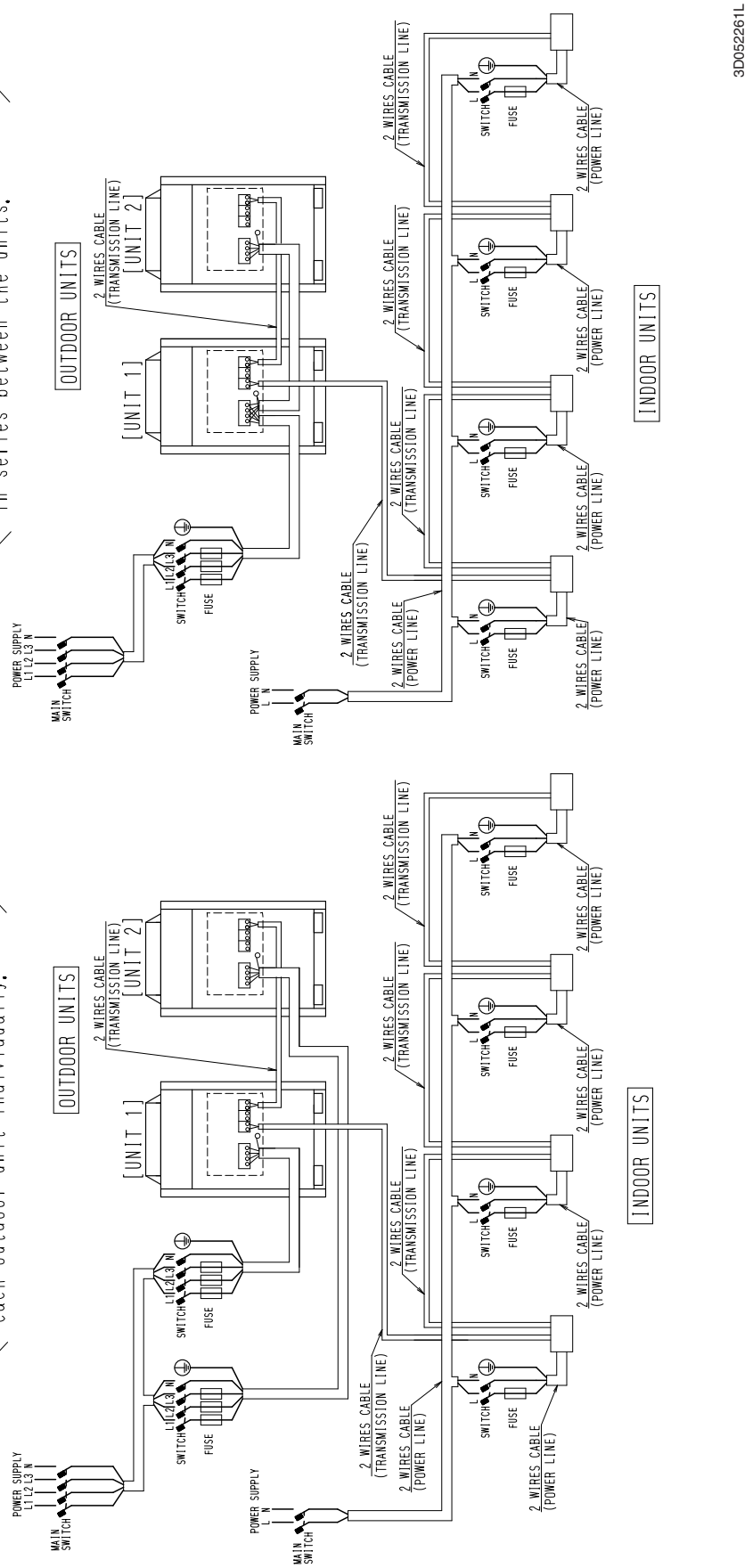


RXYQ20/22/24/26/28/30/32/34/36PAY1
RXYQ20/22/24/26/28/30/32/34/36PAYL

Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2) Use copper conductors only.
3) As for details, see wiring diagram.
4) Install circuit breaker for safety.
5) All field wiring and components must be provided by licensed electrician.
6) Unit shall be grounded in compliance with the applicable local and national codes.
7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8) Be sure to install the switch and the fuse to the power line of each equipment.
9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10) The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11) If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.
12) Must install earth leakage circuit breaker.



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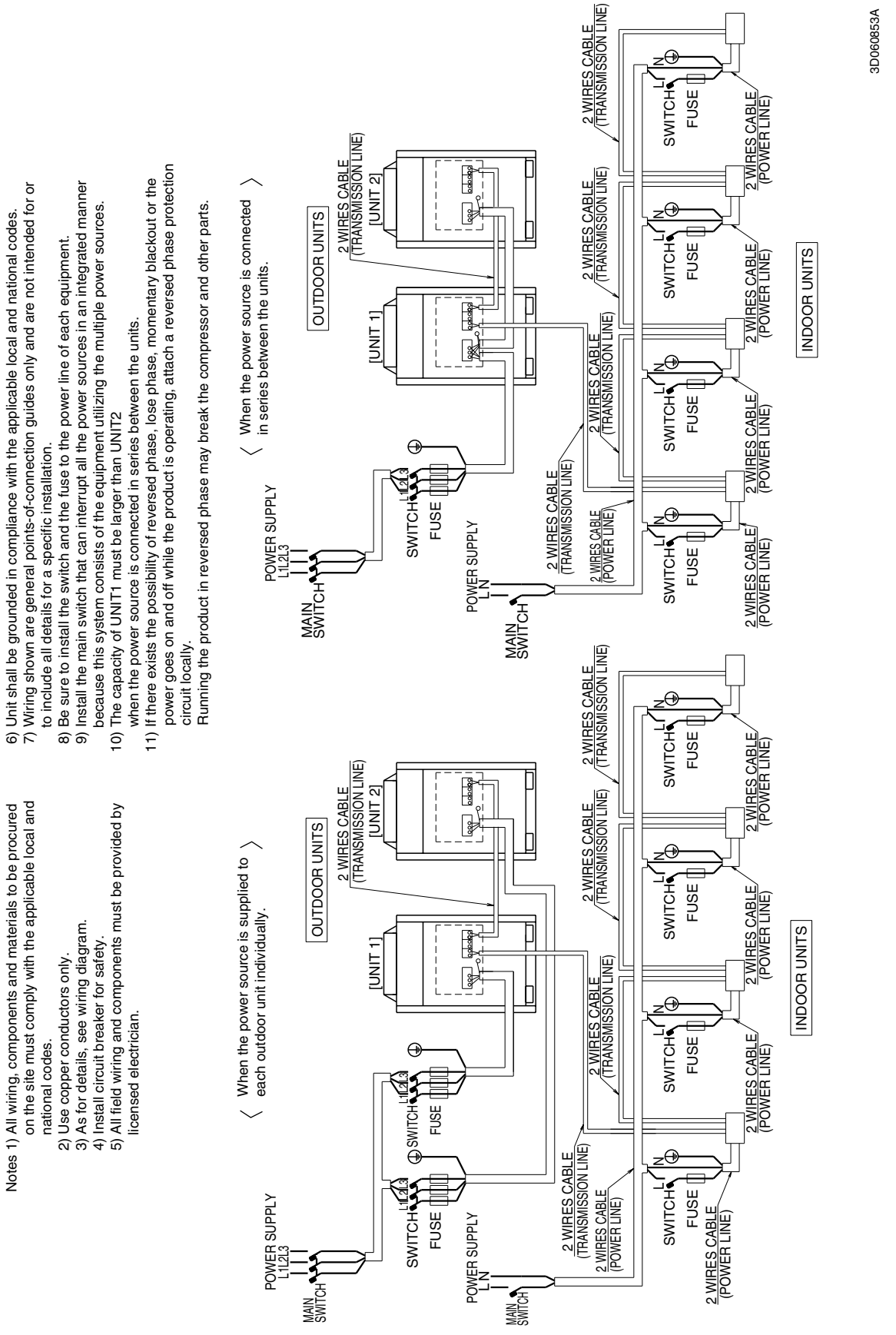
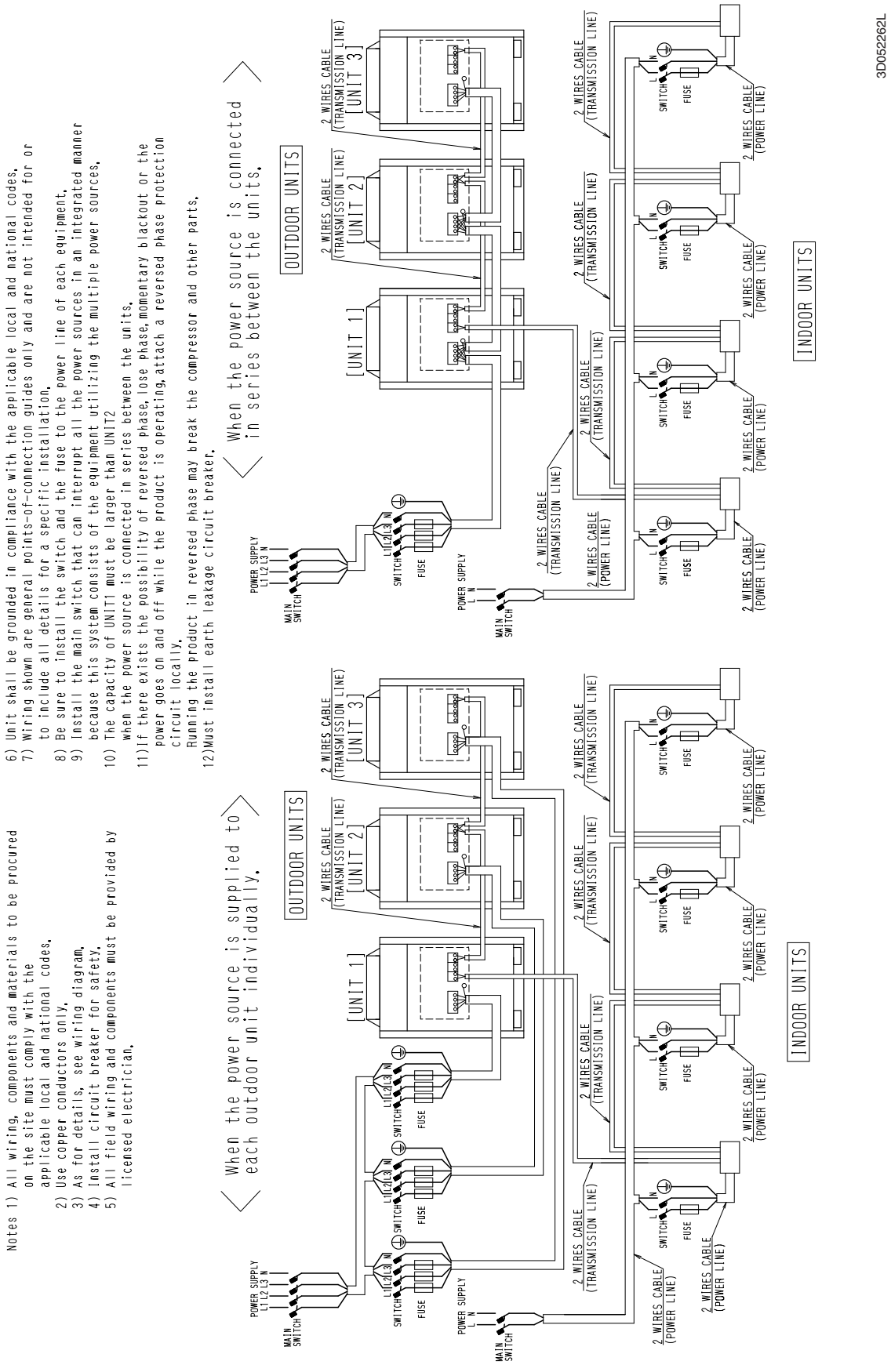
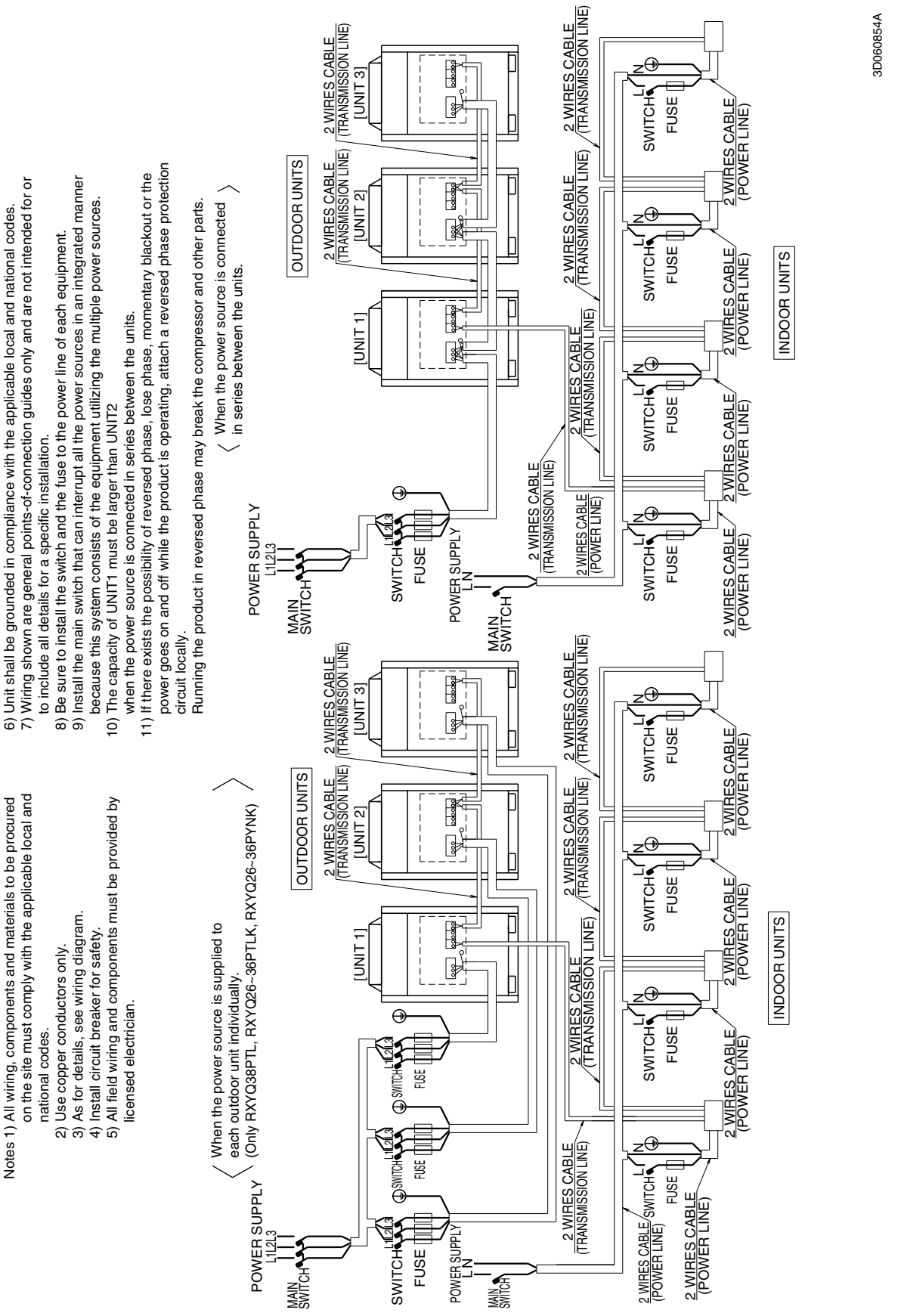


RXYQ38/40/42/44/46/48/50/52/54PAY1
RXYQ38/40/42/44/46/48/50/52/54PAYL



RXYQ38/40/42/44/46/48/50/52/54PTL



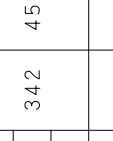
7. Electric Characteristics

7.1 50Hz 380-415V (RXYQ-PAY1)

RXYQ5/8/10/12/14/16/18PAY1

Model Name	Units			Power supply				Comp.		OFM	
	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RX(Y)Q5PY1 RXYQ5PAY1 RXQ5PAY1 RXQ5PAY1	50	380	342	456	11.9	15.6	15	—	6.1	0.35	0.4
		400						—	5.8		
		415						—	5.6		
RX(Y)Q8PY1 RZYQ7.8PY1 RQ200KY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	50	380	342	456	18.5	16.5	25	—	8.6	0.75	0.7
		400						—	8.2		
		415						—	7.9		
RX(Y)Q10PY1 RZYQ10PY1 RXYQ10PAY1 RXYQ10PAY6 RXQ10PAY1(S) RXYQ10PRY6	50	380	342	456	21.6	31.5	25	78	4.7+7.2	0.75	0.9
		400						74	4.5+6.8		
		415						72	4.3+6.6		
RX(Y)Q12PY1 RQ250KY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) RZYQ10PUY1 RXYQ12PRY6	50	380	342	456	22.7	31.5	25	79	6.5+7.0	0.35X2	0.6X2
		400						75	6.2+6.7		
		415						72	6.0+6.4		
RX(Y)Q14PY1 RXYQ14PAY1 RXYQ14PAY6 RXQ14PAY1(S) RXYQ14PRY6	50	380	342	456	31.5	46.4	35	89	3.6+7.9×2	0.35X2	0.6X2
		400						84	3.4+7.5×2		
		415						81	3.3+7.3×2		
RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	50	380	342	456	31.5	46.4	35	90	6.4+8.0×2	0.35X2	0.6X2
		400						85	6.1+7.6×2		
		415						82	5.9+7.3×2		
RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	32.5	48.3	40	90	9.4+8.3×2	0.75X2	0.7X2
		400						85	9.0+7.8×2		
		415						82	8.6+7.6×2		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27°C DB/19.0°C WB
Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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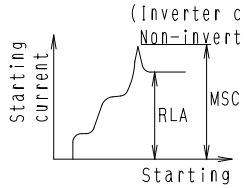
Model Name			Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit		Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RX(Y)Q20PY1 RXYQ20PAY1 RXYQ20PAY6 RXQ20PAY1(S) RXYQ20PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q12PY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) PXYQ12PRY6	50	380	342	456	41.2	48.0	50	83	8.6+6.5+7.0	0.75 +0.35X2	0.7 +0.6X2
				400						79	8.2+6.2+6.7		
				415						76	7.9+6.0+6.4		
RX(Y)Q22PY1 RXYQ22PAY1 RXYQ22PAY6 RXQ22PAY1(S) RXYQ22PRY6	RX(Y)Q10PY1 RXYQ10PAY1 RXYQ10PAY6 RXQ10PAY1(S) RXYQ10PRY6	RX(Y)Q12PY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) RXYQ12PRY6	50	380	342	456	44.3	63.0	50	92	4.7+7.2+6.5+7.0	0.75 +0.35X2	0.9 +0.6X2
				400						88	4.5+6.8+6.2+6.7		
				415						84	4.3+6.6+6.0+6.4		
RX(Y)Q24PY1 RXYQ24PAY1 RXYQ24PAY6 RXQ24PAY1(S) RXYQ24PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	50	380	342	456	50.0	63.0	60	93	8.6+6.4+8.0X2	0.75 +0.35X2	0.7 +0.6X2
				400						89	8.2+6.1+7.6X2		
				415						86	7.9+5.9+7.3X2		
RX(Y)Q26PY1 RXYQ26PAY1 RXYQ26PAY6 RXQ26PAY1(S) RXYQ26PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	51.0	64.8	60	93	8.6+9.4+8.3X2	0.75 +0.75X2	0.7 +0.7X2
				400						89	8.2+9.0+7.8X2		
				415						86	7.9+8.6+7.6X2		
RX(Y)Q28PY1 RXYQ28PAY1 RXYQ28PAY6 RXQ28PAY1(S) RXYQ28PRY6	RX(Y)Q10PY1 RXYQ10PAY1 RXYQ10PAY6 RXQ10PAY1(S) RXYQ10PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	54.1	79.8	60	103	4.7+7.2+9.4+8.3X2	0.75 +0.75X2	0.9 +0.7X2
				400						98	4.5+6.8+9.0+7.8X2		
				415						94	4.3+6.6+8.6+7.6X2		
RX(Y)Q30PY1 RXYQ30PAY1 RXYQ30PAY6 RXQ30PAY1(S) RXYQ30PRY6	RX(Y)Q12PY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) RXYQ12PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	55.2	79.8	70	103	6.5+7.0+9.4+8.3X2	0.35X2 +0.75X2	0.6X2 +0.7X2
				400						98	6.2+6.7+9.0+7.8X2		
				415						95	6.0+6.4+8.6+7.6X2		
RX(Y)Q32PY1 RXYQ32PAY1 RXYQ32PAY6 RXQ32PAY1(S) RXYQ32PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	50	380	342	456	63.0	92.8	70	115	(6.4×8.0×2)×2	(0.35X2)X2	(0.6X2)X2
				400						109	(6.1×7.6×2)×2		
				415						105	(5.9×7.3×2)×2		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



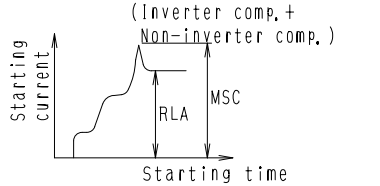
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D052400F

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RX(Y)Q34PY1 RXYQ34PAY1 RXYQ34PAY6 RXQ34PAY1(S) RXYQ34PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6		50	380	342	456	64.0	94.7	80	115	6.4+8.0X2+9.4+8.3X2	0.35x2 +0.75x2	0.6x2 +0.7x2
					400						109	6.1+7.6X2+9.0+7.8X2		
					415						105	5.9+7.3X2+8.6+7.6X2		
RX(Y)Q36PY1 RXYQ36PAY1 RXYQ36PAY6 RXQ36PAY1(S) RXYQ36PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6		50	380	342	456	65.0	96.6	80	115	(9.4+8.3X2)X2	(0.75x2)x2	(0.7x2)x2
					400						109	(9.0+7.8X2)X2		
					415						105	(8.6+7.6X2)X2		
RX(Y)Q38PY1 RXYQ38PAY1 RXYQ38PAY6 RXQ38PAY1(S) RXYQ38PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q12PY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) RXYQ12PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	73.7	96.3	90	107	8.6+6.5+7.0+9.4+8.3X2	0.75 +0.35x2 +0.75x2	0.7 +0.6x2 +0.7x2
					400						102	8.2+6.2+6.7+9.0+7.8X2		
					415						98	7.9+6.0+6.4+8.6+7.6X2		
RX(Y)Q40PY1 RXYQ40PAY1 RXYQ40PAY6 RXQ40PAY1(S) RXYQ40PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	50	380	342	456	81.5	109.4	90	119	8.6+(6.4+8.0X2)X2	0.75 +(0.35x2)x2	0.7 +(0.6x2)x2
					400						113	8.2+(6.1+7.6X2)X2		
					415						109	7.9+(5.9+7.3X2)X2		
RX(Y)Q42PY1 RXYQ42PAY1 RXYQ42PAY6 RXQ42PAY1(S) RXYQ42PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	82.5	111.2	100	119	8.6+6.4+8.0X2+9.4+8.3X2	0.75 +0.35x2 +0.75x2	0.7 +0.6x2 +0.7x2
					400						113	8.2+6.1+7.6X2+9.0+7.8X2		
					415						109	7.9+5.9+7.3X2+8.6+7.6X2		
RX(Y)Q44PY1 RXYQ44PAY1 RXYQ44PAY6 RXQ44PAY1(S) RXYQ44PRY6	RX(Y)Q8PY1 RXYQ8PAY1 RXYQ8PAY6 RXQ8PAY1(S) RXYQ8PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	83.5	113.1	100	119	8.6+(9.4+8.3X2)X2	0.75 +(0.75x2)x2	0.7 +(0.7x2)x2
					400						113	8.2+(9.0+7.8X2)X2		
					415						109	7.9+(8.6+7.6X2)X2		
RX(Y)Q46PY1 RXYQ46PAY1 RXYQ46PAY6 RXQ46PAY1(S) RXYQ46PRY6	RX(Y)Q10PY1 RXYQ10PAY1 RXYQ10PAY6 RXQ10PAY1(S) RXYQ10PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	86.6	128.1	100	128	4.7+7.2+(9.4+8.3X2)X2	0.75 +(0.75x2)x2	0.9 +(0.7x2)x2
					400						122	4.5+6.8+(9.0+7.8X2)X2		
					415						118	4.3+6.6+(8.6+7.6X2)X2		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



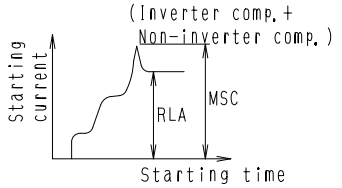
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D052401F

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RX(Y)Q48PY1 RXYQ48PAY1 RXYQ48PAY6 RXQ48PAY1(S) RXYQ48PRY6	RX(Y)Q12PY1 RXYQ12PAY1 RXYQ12PAY6 RXQ12PAY1(S) RXYQ12PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	87.7	128.0	100	129	6.5+7.0+(9.4+8.3X2)X2	0.35x2 +(0.75x2)x2	0.6x2 +(0.7x2)x2
					400						122	6.2+6.7+(9.0+7.8X2)X2		
					415						118	6.0+6.4+(8.6+7.6X2)X2		
RX(Y)Q50PY1 RXYQ50PAY1 RXYQ50PAY6 RXQ50PAY1(S) RXYQ50PRY6	RX(Y)Q14PY1 RXYQ14PAY1 RXYQ14PAY6 RXQ14PAY1(S) RXYQ14PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	96.5	143.0	110	139	3.6+7.9X2+(9.4+8.3X2)X2	0.35x2 +(0.75x2)x2	0.6x2 +(0.7x2)x2
					400						132	3.4+7.5X2+(9.0+7.8X2)X2		
					415						127	3.3+7.3X2+(8.6+7.6X2)X2		
RX(Y)Q52PY1 RXYQ52PAY1 RXYQ52PAY6 RXQ52PAY1(S) RXYQ52PRY6	RX(Y)Q16PY1 RXYQ16PAY1 RXYQ16PAY6 RXQ16PAY1(S) RXYQ16PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	96.5	143.0	110	141	6.4+8.0X2+(9.4+8.3x2)x2	0.35x2 +(0.75x2)x2	0.6x2 +(0.7x2)x2
					400						134	6.1+7.6X2+(9.0+7.8x2)x2		
					415						129	5.9+7.3X2+(8.6+7.6x2)x2		
RX(Y)Q54PY1 RXYQ54PAY1 RXYQ54PAY6 RXQ54PAY1(S) RXYQ54PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	RX(Y)Q18PY1 RXYQ18PAY1 RXYQ18PAY6 RXQ18PAY1(S) RXYQ18PRY6	50	380	342	456	97.5	144.8	110	141	(9.4+8.3X2)X3	(0.75x2)x3	(0.7x2)x3
					400						134	(9.0+7.8X2)X3		
					415						129	(8.6+7.6X2)X3		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27°C DB/19.0°C WB
Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

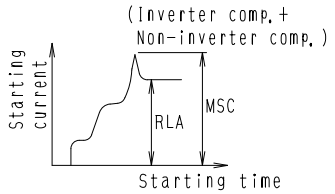
3D052402E

7.2 60Hz 380V (RXYQ-PAYL)

RXYQ5/8/10/12/14/16/18PAYL

Model Name	Units				Power supply			Comp.		OFM	
	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ5PYL(E) RXYQ5PAYL(E) RXYQ5PAYLD	60	380	342	418	11.9	15.6	15	——	6.1	0.35	0.4
RXYQ8PYL(E) RXYQ8PAYL(E) RXYQ8PAYLD(9)	60	380	342	418	18.5	16.5	25	——	8.6	0.75	0.7
RXYQ10PYL(E) RXYQ10PAYL(E) RXYQ10PAYLD	60	380	342	418	22.8	31.5	30	78	3.6+8.3	0.75	0.9
RXYQ12PYL(E) RXYQ12PAYL(E) RXYQ12PAYLD	60	380	342	418	23.9	31.5	30	79	5.4+8.9	0.35X2	0.6X2
RXYQ14PYL(E) RXYQ14PAYL(E) RXYQ14PAYLD	60	380	342	418	33.9	46.4	40	89	1.6+8.9×2	0.35X2	0.6X2
RXYQ16PYL(E) RXYQ16PAYL(E) RXYQ16PAYLD	60	380	342	418	33.9	46.4	40	90	4.4+9.0×2	0.35X2	0.6X2
RXYQ18PYL(E) RXYQ18PAYL(E) RXYQ18PAYLD	60	380	342	418	34.9	48.3	40	90	7.4+9.3×2	0.75X2	0.7X2

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
KW :Rated Motor Output(kW)



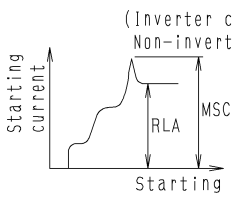
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27°C DB/19.0°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D055706B

Model Name				Units				Power supply			Comp.		OFM	
Combination unit	Independent unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ20PYL(E) RXYQ20PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ12PYL(E) RXYQ12PAYL(E)		60	380	342	418	42.4	48.0	50	83	8.6+5.4+8.9	0.75+0.35×2	0.7+0.6×2
RXYQ22PYL(E) RXYQ22PAYL(E)	RXYQ10PYL(E) RXYQ10PAYL(E)	RXYQ12PYL(E) RXYQ12PAYL(E)		60	380	342	418	46.7	63.0	60	92	3.6+8.3+5.4+8.9	0.75+0.35×2	0.9+0.6×2
RXYQ24PYL(E) RXYQ24PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)		60	380	342	418	52.4	62.9	60	93	8.6+4.4+9.0×2	0.75+0.35×2	0.7+0.6×2
RXYQ26PYL(E) RXYQ26PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)		60	380	342	418	53.4	64.8	60	93	8.6+7.4+9.3×2	0.75+0.75×2	0.7+0.7×2
RXYQ28PYL(E) RXYQ28PAYL(E)	RXYQ10PYL(E) RXYQ10PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)		60	380	342	418	57.7	79.8	70	103	3.6+8.3+7.4+9.3×2	0.75+0.75×2	0.9+0.7×2
RXYQ30PYL(E) RXYQ30PAYL(E)	RXYQ12PYL(E) RXYQ12PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)		60	380	342	418	58.8	79.8	70	103	5.4+8.9+7.4+9.3×2	0.35×2+0.75×2	0.6×2+0.7×2
RXYQ32PYL(E) RXYQ32PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)		60	380	342	418	67.8	92.8	80	115	(4.4+9.0×2)×2	(0.35×2)×2	(0.6×2)×2
RXYQ34PYL(E) RXYQ34PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)		60	380	342	418	68.8	94.7	80	115	4.4+9.0×2+7.4+9.3×2	0.35×2+0.75×2	0.6×2+0.7×2
RXYQ36PYL(E) RXYQ36PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)		60	380	342	418	69.8	96.6	80	115	(7.4+9.3×2)×2	(0.75×2)×2	(0.7×2)×2
RXYQ38PYL(E) RXYQ38PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ12PYL(E) RXYQ12PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	77.3	96.3	90	107	8.6+5.4+8.9+7.4+9.3×2	0.75+0.35×2+0.75×2	0.7+0.6×2+0.7×2
RXYQ40PYL(E) RXYQ40PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	60	380	342	418	86.3	109.3	100	119	8.6+(4.4+9.0×2)×2	0.75+(0.35×2)×2	0.7+(0.6×2)×2
RXYQ42PYL(E) RXYQ42PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	87.3	111.2	100	119	8.6+4.4+9.0×2+7.4+9.3×2	0.75+0.35×2+0.75×2	0.7+0.6×2+0.7×2
RXYQ44PYL(E) RXYQ44PAYL(E)	RXYQ8PYL(E) RXYQ8PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	88.3	113.1	100	119	8.6+(7.4+9.3×2)×2	0.75+(0.75×2)×2	0.7+(0.7×2)×2
RXYQ46PYL(E) RXYQ46PAYL(E)	RXYQ10PYL(E) RXYQ10PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	92.6	128.1	110	128	3.6+8.3+(7.4+9.3×2)×2	0.75+(0.75×2)×2	0.9+(0.7×2)×2
RXYQ48PYL(E) RXYQ48PAYL(E)	RXYQ12PYL(E) RXYQ12PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	93.7	128.1	110	129	5.4+8.9+(7.4+9.3×2)×2	0.35×2+(0.75×2)×2	0.6×2+(0.7×2)×2
RXYQ50PYL(E) RXYQ50PAYL(E)	RXYQ14PYL(E) RXYQ14PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	103.7	143.0	120	139	1.6+8.9×2+(7.4+9.3×2)×2	0.35×2+(0.75×2)×2	0.6×2+(0.7×2)×2
RXYQ52PYL(E) RXYQ52PAYL(E)	RXYQ16PYL(E) RXYQ16PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	103.7	143.0	120	141	4.4+9.0×2+(7.4+9.3×2)×2	0.35×2+(0.75×2)×2	0.6×2+(0.7×2)×2
RXYQ54PYL(E) RXYQ54PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	RXYQ18PYL(E) RXYQ18PAYL(E)	60	380	342	418	104.7	144.9	120	141	(7.4+9.3×2)×3	(0.75×2)×3	(0.7×2)×3

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
KW :Rated Motor Output(kW)



The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

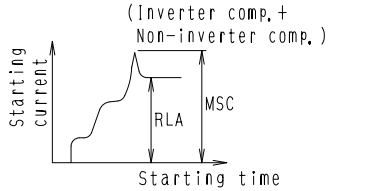
3D056132A

7.3 60Hz 220V (RXYQ-PTL)

RXYQ5/8/10/12/14/16/18PTL

Model Name	Units				Power supply			Comp.		OFM	
	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ5PTL(E)	60	220	198	242	20.6	27.9	25	——	10.5	0.35	0.7
RXYQ8PTL(E)	60	220	198	242	32.0	29.5	40	——	14.9	0.75	1.2
RXYQ10PTL(E)	60	220	198	242	39.4	54.5	45	135	6.2+14.3	0.75	1.6
RXYQ12PTL(E)	60	220	198	242	41.3	54.5	50	136	9.3+15.4	0.35X2	1.0×2
RXYQ14PTL(E)	60	220	198	242	58.6	79.3	65	153	2.8+15.4×2	0.35X2	1.0×2
RXYQ16PTL(E)	60	220	198	242	58.6	79.3	65	155	7.6+15.5×2	0.35X2	1.0×2
RXYQ18PTL(E)	60	220	198	242	60.3	80.3	70	155	12.8+16.1×2	0.75X2	1.2×2

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



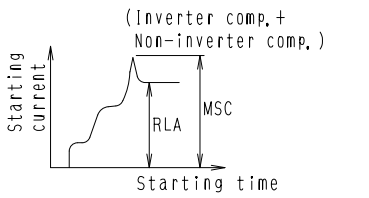
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27℃ DB/19.0℃ WB
   Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D060861

Model Name			Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit		Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ20PTL(E)	RXYQ8PTL(E)	RXYQ12PTL(E)	60	220	198	242	73.3	84.0	90	143	14.9+9.3+15.4	0.75 +0.35X2	1.2 +1.0×2
RXYQ22PTL(E)	RXYQ10PTL(E)	RXYQ12PTL(E)	60	220	198	242	80.7	109	90	159	6.2+14.3+9.3+15.4	0.75 +0.35X2	1.6 +1.0×2
RXYQ24PTL(E)	RXYQ8PTL(E)	RXYQ16PTL(E)	60	220	198	242	90.6	109	100	161	14.9+7.6+15.5×2	0.75 +0.35X2	1.2 +1.0×2
RXYQ26PTL(E)	RXYQ8PTL(E)	RXYQ18PTL(E)	60	220	198	242	92.3	110	110	161	14.9+12.8+16.1×2	0.75 +0.75X2	1.2 +1.2×2
RXYQ28PTL(E)	RXYQ10PTL(E)	RXYQ18PTL(E)	60	220	198	242	99.7	135	110	178	6.2+14.3+12.8+16.1×2	0.75 +0.75X2	1.6 +1.2×2
RXYQ30PTL(E)	RXYQ12PTL(E)	RXYQ18PTL(E)	60	220	198	242	102	135	125	179	9.3+15.4+12.8+16.1×2	0.35X2 +0.75X2	1.0×2 +1.2×2
RXYQ32PTL(E)	RXYQ16PTL(E)	RXYQ16PTL(E)	60	220	198	242	117	159	150	199	(7.6+15.5×2)×2	(0.35X2)X2	1.0×2 +1.0×2

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



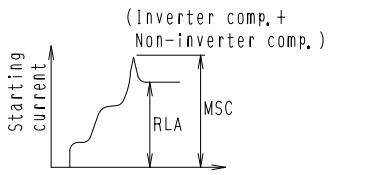
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D060863

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ34PTL(E)	RXYQ16PTL(E)	RXYQ18PTL(E)		60	220	198	242	119	160	150	199	7.6+15.5X2+12.8+16.1X2	0.35x2 +0.75x2	1.0x2 +1.2x2
RXYQ36PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)		60	220	198	242	121	161	150	199	(12.8+16.1X2)X2	(0.75x2)x2	(1.2x2)x2
RXYQ38PTL(E)	RXYQ8PTL(E)	RXYQ12PTL(E)	RXYQ18PTL(E)	60	220	198	242	134	164	150	185	14.9+9.3+15.4+12.8+16.1X2	0.75 +0.35x2 +0.75x2	1.2 +1.0x2 +1.2x2
RXYQ40PTL(E)	RXYQ8PTL(E)	RXYQ16PTL(E)	RXYQ16PTL(E)	60	220	198	242	149	188	175	205	14.9+(7.6+15.5X2)X2	0.75 +(0.35x2)x2	1.2 +1.0x2 +1.0x2
RXYQ42PTL(E)	RXYQ8PTL(E)	RXYQ16PTL(E)	RXYQ18PTL(E)	60	220	198	242	151	189	175	205	14.9+7.6+15.5X2+12.8+16.1X2	0.75 +0.35x2 +0.75x2	1.2 +1.0x2 +1.2x2
RXYQ44PTL(E)	RXYQ8PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	153	190	175	205	14.9+(12.8+16.1X2)X2	0.75 +(0.75x2)x2	1.2 +1.2x2 +1.2x2
RXYQ46PTL(E)	RXYQ10PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	160	215	200	222	6.2+14.3+(12.8+16.1X2)X2	0.75 +(0.75x2)x2	1.6 +1.2x2 +1.2x2

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



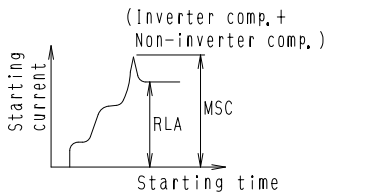
The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D060864

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ48PTL(E)	RXYQ12PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	162	215	200	223	9.3+15.4+(12.8+16.1X2)X2	0.35x2 +(0.75x2)x2	1.0x2 +1.2x2 +1.2x2
RXYQ50PTL(E)	RXYQ14PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	179	240	200	240	2.8+15.4X2+(12.8+16.1X2)X2	0.35x2 +(0.75x2)x2	1.0x2 +1.2x2 +1.2x2
RXYQ52PTL(E)	RXYQ16PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	179	240	200	243	7.6+15.5X2+(12.8+16.1X2)X2	0.35x2 +(0.75x2)x2	1.0x2 +1.2x2 +1.2x2
RXYQ54PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	RXYQ18PTL(E)	60	220	198	242	181	241	200	243	(12.8+16.1X2)X3	(0.75x2)x3	1.2x2 +1.2x2 +1.2x2

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)



The relationship between the starting time and the starting current.

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27℃ DB/19.0℃ WB
Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

3D060865

8. Safety Devices Setting

Safety Devices		RXYQ5PAY1, PAYL	RXYQ8PAY1, PAYL	RXYQ10PAY1, PAYL	RXYQ12PAY1, PAYL	RXYQ14PAY1, PAYL	RXYQ16PAY1, PAYL	RXYQ18PAY1, PAYL
PC board fuse	A1P	250V, 15A						
	A2P	250V, 3A						
High pressure switch		OFF 4.0 $^{+0}_{-0.12}$ MPa ON 3.0±0.15MPa						
Over current relay (Comp)	M2C	—		15.0A				
	M3C	—				15.0A		
Overload Protector	M1C	14.7A						
	M1F	1.15A	3.0A		1.15A			3.0A
	M2F	—			1.15A			3.0A

Safety Devices		RXYQ5PTL	RXYQ8PTL	RXYQ10PTL	RXYQ12PTL	RXYQ14PTL	RXYQ16PPTL	RXYQ18PTL
PC board fuse	A1P	250V, 15A						
	A2P	250V, 15A						
High pressure switch		OFF 4.0 $^{+0}_{-0.12}$ MPa ON 3.0±0.15MPa						
Over current relay (Comp)	M2C	—		25.0A				
	M3C	—				25.0A		
Overload Protector	M1C	26.5A						
	M1F	2.3A	5.5A		2.3A			5.5A
	M2F	—			2.3A			5.5A

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9. Capacity Tables (Normal Type)

9.1 Cooling Capacity (RXYQ-P(A))

RXYQ5PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (162.5)	10	12.3	1.62	14.6	1.98	17.0	2.36	17.6	2.41	17.9	2.36	18.3	2.26	18.7	2.16
	12	12.3	1.65	14.6	2.02	17.0	2.40	17.4	2.40	17.6	2.35	18.1	2.25	18.5	2.21
	14	12.3	1.68	14.6	2.06	17.0	2.43	17.2	2.38	17.4	2.33	17.8	2.32	18.3	2.34
	16	12.3	1.71	14.6	2.10	16.7	2.42	16.9	2.41	17.2	2.42	17.6	2.44	18.1	2.46
	18	12.3	1.75	14.6	2.14	16.5	2.52	16.7	2.53	16.9	2.54	17.4	2.57	17.8	2.59
	20	12.3	1.78	14.6	2.28	16.3	2.64	16.5	2.65	16.7	2.66	17.2	2.69	17.6	2.72
	21	12.3	1.83	14.6	2.36	16.2	2.70	16.4	2.71	16.6	2.73	17.0	2.75	17.5	2.78
	23	12.3	1.96	14.6	2.53	15.9	2.82	16.2	2.84	16.4	2.85	16.8	2.88	17.3	2.91
	25	12.3	2.10	14.6	2.71	15.7	2.95	15.9	2.96	16.1	2.98	16.6	3.01	17.0	3.04
	27	12.3	2.24	14.6	2.90	15.5	3.07	15.7	3.09	15.9	3.10	16.4	3.14	16.8	3.17
	29	12.3	2.39	14.6	3.10	15.2	3.19	15.5	3.21	15.7	3.23	16.1	3.26	16.6	3.30
	31	12.3	2.55	14.6	3.28	15.0	3.32	15.2	3.34	15.5	3.36	15.9	3.39	16.3	3.43
	33	12.3	2.72	14.3	3.41	14.8	3.45	15.0	3.46	15.2	3.48	15.7	3.52	16.1	3.56
	35	12.3	2.90	14.1	3.53	14.6	3.57	14.8	3.59	15.0	3.61	15.5	3.65	15.9	3.69
	37	12.3	3.08	13.9	3.66	14.3	3.70	14.6	3.72	14.8	3.74	15.2	3.78	15.7	3.83
	39	12.3	3.28	13.7	3.78	14.1	3.83	14.3	3.85	14.6	3.87	15.0	3.92	15.4	3.96
120% (150)	10	11.3	1.48	13.5	1.81	15.7	2.15	16.8	2.33	17.6	2.42	18.0	2.33	18.4	2.24
	12	11.3	1.51	13.5	1.84	15.7	2.19	16.8	2.37	17.3	2.41	17.8	2.32	18.2	2.22
	14	11.3	1.54	13.5	1.88	15.7	2.23	16.8	2.41	17.1	2.40	17.5	2.30	17.9	2.32
	16	11.3	1.57	13.5	1.91	15.7	2.28	16.7	2.43	16.9	2.40	17.3	2.42	17.7	2.44
	18	11.3	1.60	13.5	1.95	15.7	2.36	16.5	2.51	16.7	2.52	17.1	2.55	17.5	2.57
	20	11.3	1.63	13.5	2.03	15.7	2.53	16.2	2.64	16.4	2.65	16.8	2.67	17.3	2.70
	21	11.3	1.64	13.5	2.10	15.7	2.62	16.1	2.70	16.3	2.71	16.7	2.73	17.1	2.76
	23	11.3	1.75	13.5	2.25	15.7	2.81	15.9	2.82	16.1	2.83	16.5	2.86	16.9	2.89
	25	11.3	1.88	13.5	2.41	15.5	2.93	15.7	2.94	15.9	2.96	16.3	2.99	16.7	3.01
	27	11.3	2.00	13.5	2.58	15.2	3.05	15.4	3.07	15.6	3.08	16.0	3.11	16.5	3.14
	29	11.3	2.14	13.5	2.75	15.0	3.18	15.2	3.19	15.4	3.21	15.8	3.24	16.2	3.27
	31	11.3	2.28	13.5	2.94	14.8	3.30	15.0	3.32	15.2	3.33	15.6	3.37	16.0	3.40
	33	11.3	2.42	13.5	3.13	14.5	3.42	14.8	3.44	15.0	3.46	15.4	3.49	15.8	3.53
	35	11.3	2.58	13.5	3.34	14.3	3.55	14.5	3.57	14.7	3.59	15.1	3.62	15.5	3.66
	37	11.3	2.75	13.5	3.56	14.1	3.67	14.3	3.69	14.5	3.71	14.9	3.75	15.3	3.79
	39	11.3	2.92	13.5	3.76	13.9	3.80	14.1	3.82	14.3	3.84	14.7	3.88	15.1	3.93
110% (137.5)	10	10.4	1.34	12.4	1.64	14.4	1.94	15.4	2.10	16.4	2.26	17.7	2.40	18.0	2.32
	12	10.4	1.37	12.4	1.67	14.4	1.98	15.4	2.14	16.4	2.30	17.4	2.39	17.8	2.30
	14	10.4	1.39	12.4	1.70	14.4	2.02	15.4	2.18	16.4	2.35	17.2	2.38	17.6	2.30
	16	10.4	1.42	12.4	1.73	14.4	2.06	15.4	2.23	16.4	2.39	17.0	2.41	17.4	2.43
	18	10.4	1.45	12.4	1.77	14.4	2.10	15.4	2.29	16.4	2.51	16.8	2.53	17.1	2.55
	20	10.4	1.47	12.4	1.80	14.4	2.22	15.4	2.46	16.2	2.63	16.5	2.65	16.9	2.68
	21	10.4	1.49	12.4	1.86	14.4	2.30	15.4	2.55	16.0	2.69	16.4	2.72	16.8	2.74
	23	10.4	1.56	12.4	1.99	14.4	2.47	15.4	2.73	15.8	2.82	16.2	2.84	16.6	2.86
	25	10.4	1.67	12.4	2.13	14.4	2.64	15.4	2.93	15.6	2.94	16.0	2.96	16.3	2.99
	27	10.4	1.78	12.4	2.27	14.4	2.83	15.2	3.05	15.4	3.06	15.7	3.09	16.1	3.12
	29	10.4	1.89	12.4	2.42	14.4	3.02	14.9	3.17	15.1	3.19	15.5	3.21	15.9	3.24
	31	10.4	2.02	12.4	2.59	14.4	3.23	14.7	3.30	14.9	3.31	15.3	3.34	15.7	3.37
	33	10.4	2.15	12.4	2.76	14.3	3.40	14.5	3.42	14.7	3.44	15.1	3.47	15.4	3.50
	35	10.4	2.28	12.4	2.94	14.1	3.53	14.3	3.54	14.4	3.56	14.8	3.60	15.2	3.63
	37	10.4	2.43	12.4	3.13	13.8	3.65	14.0	3.67	14.2	3.69	14.6	3.72	15.0	3.76
	39	10.4	2.58	12.4	3.33	13.6	3.78	13.8	3.80	14.0	3.81	14.4	3.85	14.7	3.89
100% (125)	10	9.45	1.21	11.3	1.47	13.1	1.74	14.0	1.88	14.9	2.02	16.7	2.31	17.7	2.39
	12	9.45	1.23	11.3	1.50	13.1	1.78	14.0	1.92	14.9	2.06	16.7	2.36	17.5	2.38
	14	9.45	1.26	11.3	1.53	13.1	1.81	14.0	1.95	14.9	2.10	16.7	2.40	17.2	2.37
	16	9.45	1.28	11.3	1.55	13.1	1.84	14.0	1.99	14.9	2.14	16.7	2.43	17.0	2.41
	18	9.45	1.30	11.3	1.58	13.1	1.88	14.0	2.03	14.9	2.19	16.4	2.51	16.8	2.53
	20	9.45	1.33	11.3	1.62	13.1	1.94	14.0	2.13	14.9	2.34	16.2	2.64	16.6	2.66
	21	9.45	1.34	11.3	1.63	13.1	2.01	14.0	2.21	14.9	2.43	16.1	2.70	16.4	2.72
	23	9.45	1.38	11.3	1.74	13.1	2.15	14.0	2.37	14.9	2.60	15.9	2.82	16.2	2.84
	25	9.45	1.47	11.3	1.86	13.1	2.30	14.0	2.54	14.9	2.79	15.6	2.94	16.0	2.97
	27	9.45	1.56	11.3	1.98	13.1	2.46	14.0	2.71	14.9	2.98	15.4	3.07	15.8	3.09
	29	9.45	1.67	11.3	2.12	13.1	2.62	14.0	2.90	14.9	3.16	15.2	3.19	15.5	3.22
	31	9.45	1.77	11.3	2.26	13.1	2.80	14.0	3.09	14.6	3.29	15.0	3.32	15.3	3.34
	33	9.45	1.89	11.3	2.40	13.1	2.99	14.0	3.30	14.4	3.41	14.7	3.44	15.1	3.47
	35	9.45	2.00	11.3	2.56	13.1	3.18	14.0	3.52	14.2	3.54	14.5	3.57	14.9	3.60
	37	9.45	2.13	11.3	2.72	13.1	3.39	13.8	3.64	13.9	3.66	14.3	3.69	14.6	3.73
	39	9.45	2.26	11.3	2.90	13.1	3.61	13.5	3.77	13.7	3.79	14.1	3.82	14.4	3.85

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (112.5)	10	8.50	1.09	10.1	1.31	11.8	1.55	12.6	1.67	13.4	1.79	15.1	2.05	16.7	2.31
	12	8.50	1.10	10.1	1.33	11.8	1.57	12.6	1.70	13.4	1.83	15.1	2.09	16.7	2.35
	14	8.50	1.12	10.1	1.36	11.8	1.60	12.6	1.73	13.4	1.86	15.1	2.13	16.7	2.40
	16	8.50	1.14	10.1	1.38	11.8	1.63	12.6	1.76	13.4	1.90	15.1	2.17	16.7	2.44
	18	8.50	1.16	10.1	1.41	11.8	1.67	12.6	1.80	13.4	1.94	15.1	2.21	16.4	2.51
	20	8.50	1.18	10.1	1.44	11.8	1.70	12.6	1.84	13.4	2.01	15.1	2.38	16.2	2.63
	21	8.50	1.20	10.1	1.45	11.8	1.73	12.6	1.90	13.4	2.08	15.1	2.46	16.1	2.70
	23	8.50	1.22	10.1	1.51	11.8	1.85	12.6	2.03	13.4	2.23	15.1	2.64	15.9	2.82
	25	8.50	1.28	10.1	1.61	11.8	1.98	12.6	2.18	13.4	2.38	15.1	2.83	15.6	2.94
	27	8.50	1.37	10.1	1.72	11.8	2.11	12.6	2.32	13.4	2.55	15.1	3.03	15.4	3.07
	29	8.50	1.45	10.1	1.83	11.8	2.25	12.6	2.48	13.4	2.72	14.9	3.17	15.2	3.19
	31	8.50	1.55	10.1	1.95	11.8	2.40	12.6	2.65	13.4	2.90	14.7	3.29	15.0	3.31
	33	8.50	1.64	10.1	2.07	11.8	2.56	12.6	2.82	13.4	3.10	14.4	3.41	14.7	3.44
	35	8.50	1.74	10.1	2.21	11.8	2.73	12.6	3.01	13.4	3.30	14.2	3.54	14.5	3.57
	37	8.50	1.85	10.1	2.35	11.8	2.90	12.6	3.20	13.4	3.52	14.0	3.66	14.3	3.69
	39	8.50	1.96	10.1	2.49	11.8	3.09	12.6	3.41	13.4	3.75	13.7	3.79	14.0	3.82
80% (100)	10	7.56	0.96	9.02	1.15	10.5	1.36	11.2	1.46	11.9	1.57	13.4	1.79	14.8	2.01
	12	7.56	0.98	9.02	1.17	10.5	1.38	11.2	1.49	11.9	1.60	13.4	1.82	14.8	2.05
	14	7.56	1.00	9.02	1.19	10.5	1.41	11.2	1.51	11.9	1.63	13.4	1.86	14.8	2.09
	16	7.56	1.01	9.02	1.22	10.5	1.43	11.2	1.54	11.9	1.66	13.4	1.89	14.8	2.13
	18	7.56	1.03	9.02	1.24	10.5	1.46	11.2	1.57	11.9	1.69	13.4	1.93	14.8	2.17
	20	7.56	1.05	9.02	1.26	10.5	1.49	11.2	1.60	11.9	1.72	13.4	2.00	14.8	2.33
	21	7.56	1.06	9.02	1.27	10.5	1.50	11.2	1.62	11.9	1.76	13.4	2.07	14.8	2.41
	23	7.56	1.08	9.02	1.30	10.5	1.58	11.2	1.73	11.9	1.88	13.4	2.22	14.8	2.58
	25	7.56	1.11	9.02	1.38	10.5	1.68	11.2	1.84	11.9	2.01	13.4	2.37	14.8	2.77
	27	7.56	1.18	9.02	1.47	10.5	1.79	11.2	1.97	11.9	2.15	13.4	2.54	14.8	2.96
	29	7.56	1.26	9.02	1.57	10.5	1.91	11.2	2.10	11.9	2.29	13.4	2.71	14.8	3.16
	31	7.56	1.33	9.02	1.67	10.5	2.04	11.2	2.24	11.9	2.45	13.4	2.89	14.6	3.29
	33	7.56	1.42	9.02	1.77	10.5	2.17	11.2	2.38	11.9	2.61	13.4	3.09	14.4	3.41
	35	7.56	1.50	9.02	1.88	10.5	2.31	11.2	2.54	11.9	2.78	13.4	3.29	14.2	3.53
	37	7.56	1.59	9.02	2.00	10.5	2.45	11.2	2.70	11.9	2.96	13.4	3.51	13.9	3.66
	39	7.56	1.69	9.02	2.12	10.5	2.61	11.2	2.87	11.9	3.15	13.4	3.73	13.7	3.78
70% (87.5)	10	6.61	0.85	7.89	1.01	9.16	1.17	9.80	1.26	10.4	1.35	11.7	1.54	13.0	1.73
	12	6.61	0.86	7.89	1.02	9.16	1.19	9.80	1.28	10.4	1.38	11.7	1.56	13.0	1.76
	14	6.61	0.87	7.89	1.04	9.16	1.22	9.80	1.31	10.4	1.40	11.7	1.59	13.0	1.79
	16	6.61	0.89	7.89	1.06	9.16	1.24	9.80	1.33	10.4	1.43	11.7	1.62	13.0	1.83
	18	6.61	0.90	7.89	1.08	9.16	1.26	9.80	1.36	10.4	1.45	11.7	1.66	13.0	1.86
	20	6.61	0.92	7.89	1.10	9.16	1.28	9.80	1.38	10.4	1.48	11.7	1.69	13.0	1.92
	21	6.61	0.93	7.89	1.11	9.16	1.30	9.80	1.40	10.4	1.50	11.7	1.71	13.0	1.98
	23	6.61	0.94	7.89	1.13	9.16	1.32	9.80	1.44	10.4	1.57	11.7	1.84	13.0	2.12
	25	6.61	0.96	7.89	1.17	9.16	1.41	9.80	1.54	10.4	1.67	11.7	1.96	13.0	2.27
	27	6.61	1.01	7.89	1.25	9.16	1.50	9.80	1.64	10.4	1.79	11.7	2.09	13.0	2.43
	29	6.61	1.08	7.89	1.32	9.16	1.60	9.80	1.75	10.4	1.90	11.7	2.23	13.0	2.59
	31	6.61	1.14	7.89	1.41	9.16	1.70	9.80	1.86	10.4	2.03	11.7	2.38	13.0	2.77
	33	6.61	1.21	7.89	1.49	9.16	1.81	9.80	1.98	10.4	2.16	11.7	2.54	13.0	2.95
	35	6.61	1.28	7.89	1.58	9.16	1.92	9.80	2.11	10.4	2.30	11.7	2.70	13.0	3.14
	37	6.61	1.35	7.89	1.68	9.16	2.04	9.80	2.24	10.4	2.44	11.7	2.88	13.0	3.35
	39	6.61	1.43	7.89	1.78	9.16	2.17	9.80	2.38	10.4	2.60	11.7	3.06	13.0	3.57
60% (75)	10	5.67	0.74	6.76	0.87	7.85	1.00	8.40	1.07	8.95	1.14	10.0	1.29	11.1	1.45
	12	5.67	0.75	6.76	0.88	7.85	1.02	8.40	1.09	8.95	1.16	10.0	1.32	11.1	1.48
	14	5.67	0.76	6.76	0.89	7.85	1.03	8.40	1.11	8.95	1.18	10.0	1.34	11.1	1.50
	16	5.67	0.77	6.76	0.91	7.85	1.05	8.40	1.13	8.95	1.21	10.0	1.37	11.1	1.53
	18	5.67	0.78	6.76	0.92	7.85	1.07	8.40	1.15	8.95	1.23	10.0	1.39	11.1	1.56
	20	5.67	0.79	6.76	0.94	7.85	1.09	8.40	1.17	8.95	1.25	10.0	1.42	11.1	1.59
	21	5.67	0.80	6.76	0.95	7.85	1.10	8.40	1.18	8.95	1.26	10.0	1.43	11.1	1.61
	23	5.67	0.81	6.76	0.96	7.85	1.12	8.40	1.20	8.95	1.29	10.0	1.49	11.1	1.71
	25	5.67	0.83	6.76	0.98	7.85	1.16	8.40	1.26	8.95	1.37	10.0	1.59	11.1	1.83
	27	5.67	0.86	6.76	1.04	7.85	1.24	8.40	1.35	8.95	1.46	10.0	1.70	11.1	1.95
	29	5.67	0.91	6.76	1.10	7.85	1.32	8.40	1.43	8.95	1.55	10.0	1.81	11.1	2.08
	31	5.67	0.96	6.76	1.17	7.85	1.40	8.40	1.52	8.95	1.65	10.0	1.92	11.1	2.22
	33	5.67	1.02	6.76	1.24	7.85	1.48	8.40	1.62	8.95	1.75	10.0	2.05	11.1	2.36
	35	5.67	1.08	6.76	1.31	7.85	1.58	8.40	1.72	8.95	1.86	10.0	2.18	11.1	2.51
	37	5.67	1.14	6.76	1.39	7.85	1.67	8.40	1.82	8.95	1.98	10.0	2.31	11.1	2.67
	39	5.67	1.20	6.76	1.47	7.85	1.77	8.40	1.93	8.95	2.10	10.0	2.46	11.1	2.84
50% (62.5)	10	4.72	0.63	5.63	0.73	6.54	0.84	7.00	0.89	7.46	0.95	8.37	1.07	9.28	1.19
	12	4.72	0.64	5.63	0.74	6.54	0.85	7.00	0.91	7.46	0.97	8.37	1.09	9.28	1.21
	14	4.72	0.65	5.63	0.75	6.54	0.87	7.00	0.92	7.46	0.98	8.37	1.10	9.28	1.23
	16	4.72	0.66	5.63	0.77	6.54	0.88	7.00	0.94	7.46	1.00	8.37	1.12	9.28	1.25
	18	4.72	0.67	5.63	0.78	6.54	0.89	7.00	0.95	7.46	1.02	8.37	1.14	9.28	1.28
	20	4.72	0.68	5.63	0.79	6.54	0.91	7.00	0.97	7.46	1.03	8.37	1.16	9.28	1.30
	21	4.72	0.68	5.63	0.80	6.54	0.92	7.00	0.98	7.46	1.04	8.37	1.18	9.28	1.31
	23	4.72	0.69	5.63	0.81	6.54	0.93	7.00	1.00	7.46	1.06	8.37	1.20	9.28	1.34
	25	4.72	0.70	5.63	0.82	6.54	0.95	7.00	1.02	7.46	1.09	8.37	1.26	9.28	1.43
	27	4.72	0.71	5.63	0.85	6.54	1.00	7.00	1.08	7.46	1.16	8.37	1.34	9.28	1.53
	29	4.72	0.76	5.63	0.90	6.54	1.06	7.00	1.15	7.46	1.24	8.37	1.42	9.28	1.63
	31	4.72	0.80	5.63	0.96	6.54	1.13	7.00	1.22	7.46	1.31	8.37	1.51	9.28	1.73
	33	4.72	0.84	5.63	1.01	6.54	1.19	7.00	1.29	7.46	1.39	8.37	1.61	9.28	1.84
	35	4.72	0.89	5.63	1.07	6.54	1.26	7.00	1.37	7.46	1.48	8.37	1.71	9.28	1.95
	37	4.72	0.94	5.63	1.13	6.54	1.34	7.00	1.45	7.46	1.57	8.37	1.81	9.28	2.08
	39	4.72	0.99	5.63	1.19	6.54	1.42	7.00	1.53	7.46	1.66	8.37	1.92	9.28	2.20

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ8PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	19.7	2.41	23.4	2.95	27.2	3.51	28.2	3.59	28.6	3.51	29.3	3.37	30.0	3.21
	12	19.7	2.46	23.4	3.01	27.2	3.58	27.8	3.57	28.2	3.49	28.9	3.34	29.6	3.29
	14	19.7	2.50	23.4	3.07	27.1	3.62	27.5	3.55	27.8	3.47	28.5	3.45	29.3	3.48
	16	19.7	2.55	23.4	3.13	26.8	3.61	27.1	3.58	27.5	3.60	28.2	3.63	28.9	3.67
	18	19.7	2.60	23.4	3.19	26.4	3.75	26.8	3.76	27.1	3.78	27.8	3.82	28.5	3.86
	20	19.7	2.65	23.4	3.40	26.0	3.93	26.4	3.95	26.7	3.97	27.5	4.01	28.2	4.04
	21	19.7	2.73	23.4	3.52	25.9	4.02	26.2	4.04	26.6	4.06	27.3	4.10	28.0	4.14
	23	19.7	2.92	23.4	3.77	25.5	4.20	25.8	4.22	26.2	4.24	26.9	4.29	27.6	4.33
	25	19.7	3.12	23.4	4.04	25.1	4.39	25.5	4.41	25.8	4.43	26.5	4.48	27.3	4.52
	27	19.7	3.34	23.4	4.32	24.8	4.57	25.1	4.59	25.5	4.62	26.2	4.67	26.9	4.72
	29	19.7	3.56	23.4	4.62	24.4	4.76	24.8	4.78	25.1	4.81	25.8	4.86	26.5	4.91
	31	19.7	3.80	23.3	4.89	24.0	4.94	24.4	4.97	24.7	5.00	25.4	5.05	26.2	5.10
	33	19.7	4.05	23.0	5.07	23.7	5.13	24.0	5.16	24.4	5.19	25.1	5.24	25.8	5.30
	35	19.7	4.31	22.6	5.26	23.3	5.32	23.7	5.35	24.0	5.38	24.7	5.44	25.4	5.50
	37	19.7	4.59	22.2	5.44	22.9	5.51	23.3	5.54	23.6	5.57	24.4	5.63	25.1	5.70
	39	19.7	4.89	21.9	5.63	22.6	5.70	22.9	5.73	23.3	5.76	24.0	5.83	24.7	5.90
120% (240)	10	18.1	2.20	21.6	2.69	25.1	3.20	26.9	3.46	28.1	3.61	28.8	3.47	29.4	3.33
	12	18.1	2.24	21.6	2.74	25.1	3.26	26.9	3.53	27.8	3.59	28.4	3.45	29.1	3.31
	14	18.1	2.29	21.6	2.80	25.1	3.33	26.9	3.59	27.4	3.57	28.0	3.43	28.7	3.45
	16	18.1	2.33	21.6	2.85	25.1	3.39	26.7	3.62	27.0	3.58	27.7	3.61	28.3	3.64
	18	18.1	2.38	21.6	2.91	25.1	3.51	26.3	3.74	26.7	3.76	27.3	3.79	28.0	3.83
	20	18.1	2.42	21.6	3.02	25.1	3.77	26.0	3.92	26.3	3.94	27.0	3.98	27.6	4.01
	21	18.1	2.45	21.6	3.13	25.1	3.91	25.8	4.02	26.1	4.03	26.8	4.07	27.4	4.11
	23	18.1	2.61	21.6	3.35	25.1	4.18	25.4	4.20	25.8	4.22	26.4	4.26	27.1	4.30
	25	18.1	2.79	21.6	3.59	24.7	4.36	25.1	4.38	25.4	4.40	26.0	4.44	26.7	4.49
	27	18.1	2.98	21.6	3.84	24.4	4.54	24.7	4.57	25.0	4.59	25.7	4.63	26.3	4.68
	29	18.1	3.18	21.6	4.10	24.0	4.73	24.3	4.75	24.7	4.77	25.3	4.82	26.0	4.87
	31	18.1	3.39	21.6	4.37	23.6	4.91	24.0	4.94	24.3	4.96	24.9	5.01	25.6	5.06
	33	18.1	3.61	21.6	4.66	23.3	5.10	23.6	5.12	23.9	5.15	24.6	5.20	25.2	5.26
	35	18.1	3.84	21.6	4.97	22.9	5.28	23.2	5.31	23.6	5.34	24.2	5.39	24.9	5.45
	37	18.1	4.09	21.6	5.30	22.5	5.47	22.9	5.50	23.2	5.53	23.9	5.59	24.5	5.65
	39	18.1	4.35	21.5	5.60	22.2	5.66	22.5	5.69	22.8	5.72	23.5	5.78	24.1	5.84
110% (220)	10	16.6	2.00	19.8	2.44	23.0	2.90	24.6	3.13	26.2	3.37	28.3	3.57	28.9	3.45
	12	16.6	2.04	19.8	2.48	23.0	2.95	24.6	3.19	26.2	3.43	27.9	3.56	28.5	3.43
	14	16.6	2.07	19.8	2.53	23.0	3.01	24.6	3.25	26.2	3.50	27.5	3.54	28.1	3.43
	16	16.6	2.11	19.8	2.58	23.0	3.06	24.6	3.31	26.2	3.56	27.2	3.58	27.8	3.61
	18	16.6	2.15	19.8	2.63	23.0	3.13	24.6	3.40	26.2	3.74	26.8	3.77	27.4	3.80
	20	16.6	2.20	19.8	2.68	23.0	3.31	24.6	3.66	25.9	3.92	26.5	3.95	27.1	3.98
	21	16.6	2.22	19.8	2.76	23.0	3.43	24.6	3.79	25.7	4.01	26.3	4.04	26.9	4.08
	23	16.6	2.32	19.8	2.96	23.0	3.68	24.6	4.07	25.3	4.19	25.9	4.23	26.5	4.26
	25	16.6	2.48	19.8	3.16	23.0	3.94	24.6	4.35	24.9	4.37	25.5	4.41	26.1	4.45
	27	16.6	2.64	19.8	3.38	23.0	4.21	24.3	4.54	24.6	4.56	25.2	4.60	25.8	4.64
	29	16.6	2.82	19.8	3.61	23.0	4.50	23.9	4.72	24.2	4.74	24.8	4.79	25.4	4.83
	31	16.6	3.00	19.8	3.85	23.0	4.80	23.5	4.91	23.8	4.93	24.4	4.97	25.0	5.02
	33	16.6	3.19	19.8	4.10	22.9	5.07	23.2	5.09	23.5	5.11	24.1	5.16	24.7	5.21
	35	16.6	3.40	19.8	4.37	22.5	5.25	22.8	5.28	23.1	5.30	23.7	5.35	24.3	5.40
	37	16.6	3.61	19.8	4.65	22.2	5.44	22.5	5.46	22.8	5.49	23.4	5.54	24.0	5.60
	39	16.6	3.84	19.8	4.96	21.8	5.62	22.1	5.65	22.4	5.68	23.0	5.73	23.6	5.79
100% (200)	10	15.1	1.81	18.0	2.19	20.9	2.59	22.4	2.80	23.9	3.01	26.8	3.44	28.3	3.57
	12	15.1	1.84	18.0	2.23	20.9	2.64	22.4	2.86	23.9	3.07	26.8	3.51	28.0	3.55
	14	15.1	1.87	18.0	2.27	20.9	2.69	22.4	2.91	23.9	3.13	26.8	3.58	27.6	3.53
	16	15.1	1.90	18.0	2.31	20.9	2.75	22.4	2.97	23.9	3.19	26.7	3.62	27.2	3.59
	18	15.1	1.94	18.0	2.36	20.9	2.80	22.4	3.03	23.9	3.25	26.3	3.74	26.9	3.77
	20	15.1	1.98	18.0	2.41	20.9	2.88	22.4	3.18	23.9	3.49	26.0	3.92	26.5	3.95
	21	15.1	2.00	18.0	2.43	20.9	2.99	22.4	3.29	23.9	3.61	25.8	4.01	26.3	4.05
	23	15.1	2.05	18.0	2.59	20.9	3.20	22.4	3.53	23.9	3.87	25.4	4.20	25.9	4.23
	25	15.1	2.19	18.0	2.77	20.9	3.42	22.4	3.78	23.9	4.15	25.0	4.38	25.6	4.42
	27	15.1	2.33	18.0	2.95	20.9	3.66	22.4	4.04	23.9	4.44	24.7	4.56	25.2	4.60
	29	15.1	2.48	18.0	3.15	20.9	3.91	22.4	4.31	23.8	4.71	24.3	4.75	24.9	4.79
	31	15.1	2.64	18.0	3.36	20.9	4.17	22.4	4.61	23.4	4.89	23.9	4.94	24.5	4.98
	33	15.1	2.81	18.0	3.58	20.9	4.44	22.4	4.91	23.0	5.08	23.6	5.12	24.1	5.17
	35	15.1	2.98	18.0	3.81	20.9	4.74	22.4	5.24	22.7	5.26	23.2	5.31	23.8	5.36
	37	15.1	3.17	18.0	4.05	20.9	5.05	22.0	5.42	22.3	5.45	22.9	5.50	23.4	5.55
	39	15.1	3.37	18.0	4.31	20.9	5.38	21.7	5.61	21.9	5.64	22.5	5.69	23.0	5.74

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (180)	10	13.6	1.62	16.2	1.95	18.8	2.30	20.2	2.48	21.5	2.67	24.1	3.05	26.7	3.44
	12	13.6	1.64	16.2	1.98	18.8	2.34	20.2	2.53	21.5	2.72	24.1	3.11	26.7	3.50
	14	13.6	1.67	16.2	2.02	18.8	2.39	20.2	2.58	21.5	2.77	24.1	3.17	26.7	3.57
	16	13.6	1.70	16.2	2.06	18.8	2.43	20.2	2.63	21.5	2.82	24.1	3.23	26.7	3.63
	18	13.6	1.73	16.2	2.10	18.8	2.48	20.2	2.68	21.5	2.88	24.1	3.29	26.3	3.74
	20	13.6	1.76	16.2	2.14	18.8	2.53	20.2	2.73	21.5	2.99	24.1	3.54	25.9	3.92
	21	13.6	1.78	16.2	2.16	18.8	2.57	20.2	2.83	21.5	3.09	24.1	3.67	25.8	4.01
	23	13.6	1.81	16.2	2.25	18.8	2.75	20.2	3.03	21.5	3.32	24.1	3.93	25.4	4.20
	25	13.6	1.91	16.2	2.40	18.8	2.94	20.2	3.24	21.5	3.55	24.1	4.21	25.0	4.38
	27	13.6	2.03	16.2	2.56	18.8	3.14	20.2	3.46	21.5	3.79	24.1	4.50	24.7	4.56
	29	13.6	2.16	16.2	2.73	18.8	3.35	20.2	3.69	21.5	4.05	23.8	4.71	24.3	4.75
	31	13.6	2.30	16.2	2.90	18.8	3.58	20.2	3.94	21.5	4.32	23.4	4.90	23.9	4.93
	33	13.6	2.44	16.2	3.09	18.8	3.81	20.2	4.20	21.5	4.61	23.1	5.08	23.6	5.12
	35	13.6	2.60	16.2	3.28	18.8	4.06	20.2	4.48	21.5	4.92	22.7	5.27	23.2	5.31
	37	13.6	2.75	16.2	3.49	18.8	4.32	20.2	4.77	21.5	5.24	22.4	5.45	22.8	5.50
	39	13.6	2.92	16.2	3.71	18.8	4.60	20.2	5.08	21.5	5.58	22.0	5.64	22.5	5.69
80% (160)	10	12.1	1.43	14.4	1.72	16.8	2.02	17.9	2.17	19.1	2.33	21.4	2.66	23.7	3.00
	12	12.1	1.46	14.4	1.75	16.8	2.05	17.9	2.21	19.1	2.38	21.4	2.71	23.7	3.05
	14	12.1	1.48	14.4	1.78	16.8	2.09	17.9	2.26	19.1	2.42	21.4	2.76	23.7	3.11
	16	12.1	1.51	14.4	1.81	16.8	2.13	17.9	2.30	19.1	2.47	21.4	2.82	23.7	3.17
	18	12.1	1.53	14.4	1.84	16.8	2.17	17.9	2.34	19.1	2.52	21.4	2.87	23.7	3.24
	20	12.1	1.56	14.4	1.88	16.8	2.21	17.9	2.39	19.1	2.57	21.4	2.98	23.7	3.46
	21	12.1	1.57	14.4	1.90	16.8	2.24	17.9	2.41	19.1	2.62	21.4	3.08	23.7	3.59
	23	12.1	1.60	14.4	1.93	16.8	2.34	17.9	2.57	19.1	2.80	21.4	3.30	23.7	3.85
	25	12.1	1.66	14.4	2.06	16.8	2.50	17.9	2.74	19.1	3.00	21.4	3.53	23.7	4.12
	27	12.1	1.76	14.4	2.19	16.8	2.67	17.9	2.93	19.1	3.20	21.4	3.78	23.7	4.41
	29	12.1	1.87	14.4	2.33	16.8	2.85	17.9	3.12	19.1	3.41	21.4	4.04	23.7	4.71
	31	12.1	1.99	14.4	2.48	16.8	3.03	17.9	3.33	19.1	3.64	21.4	4.31	23.4	4.89
	33	12.1	2.11	14.4	2.64	16.8	3.23	17.9	3.55	19.1	3.88	21.4	4.59	23.0	5.08
	35	12.1	2.24	14.4	2.80	16.8	3.43	17.9	3.77	19.1	4.13	21.4	4.90	22.7	5.26
	37	12.1	2.37	14.4	2.98	16.8	3.65	17.9	4.02	19.1	4.40	21.4	5.22	22.3	5.45
	39	12.1	2.51	14.4	3.16	16.8	3.88	17.9	4.27	19.1	4.68	21.4	5.56	21.9	5.63
70% (140)	10	10.6	1.26	12.6	1.50	14.7	1.75	15.7	1.88	16.7	2.01	18.7	2.29	20.8	2.57
	12	10.6	1.28	12.6	1.52	14.7	1.78	15.7	1.91	16.7	2.05	18.7	2.33	20.8	2.62
	14	10.6	1.30	12.6	1.55	14.7	1.81	15.7	1.95	16.7	2.08	18.7	2.37	20.8	2.67
	16	10.6	1.32	12.6	1.57	14.7	1.84	15.7	1.98	16.7	2.12	18.7	2.42	20.8	2.72
	18	10.6	1.34	12.6	1.60	14.7	1.88	15.7	2.02	16.7	2.16	18.7	2.46	20.8	2.77
	20	10.6	1.37	12.6	1.63	14.7	1.91	15.7	2.06	16.7	2.21	18.7	2.51	20.8	2.85
	21	10.6	1.38	12.6	1.65	14.7	1.93	15.7	2.08	16.7	2.23	18.7	2.55	20.8	2.95
	23	10.6	1.40	12.6	1.68	14.7	1.97	15.7	2.15	16.7	2.33	18.7	2.73	20.8	3.16
	25	10.6	1.43	12.6	1.74	14.7	2.10	15.7	2.29	16.7	2.49	18.7	2.92	20.8	3.38
	27	10.6	1.51	12.6	1.85	14.7	2.24	15.7	2.44	16.7	2.66	18.7	3.12	20.8	3.62
	29	10.6	1.60	12.6	1.97	14.7	2.38	15.7	2.60	16.7	2.83	18.7	3.33	20.8	3.86
	31	10.6	1.70	12.6	2.09	14.7	2.53	15.7	2.77	16.7	3.02	18.7	3.55	20.8	4.12
	33	10.6	1.80	12.6	2.22	14.7	2.69	15.7	2.95	16.7	3.21	18.7	3.78	20.8	4.39
	35	10.6	1.90	12.6	2.36	14.7	2.86	15.7	3.13	16.7	3.42	18.7	4.02	20.8	4.68
	37	10.6	2.02	12.6	2.50	14.7	3.04	15.7	3.33	16.7	3.63	18.7	4.28	20.8	4.99
	39	10.6	2.13	12.6	2.65	14.7	3.23	15.7	3.54	16.7	3.86	18.7	4.56	20.8	5.31
60% (120)	10	9.1	1.10	10.8	1.29	12.6	1.49	13.4	1.60	14.3	1.70	16.1	1.93	17.8	2.16
	12	9.1	1.11	10.8	1.31	12.6	1.51	13.4	1.62	14.3	1.73	16.1	1.96	17.8	2.20
	14	9.1	1.13	10.8	1.33	12.6	1.54	13.4	1.65	14.3	1.76	16.1	2.00	17.8	2.24
	16	9.1	1.15	10.8	1.35	12.6	1.57	13.4	1.68	14.3	1.80	16.1	2.03	17.8	2.28
	18	9.1	1.16	10.8	1.37	12.6	1.59	13.4	1.71	14.3	1.83	16.1	2.07	17.8	2.33
	20	9.1	1.18	10.8	1.40	12.6	1.62	13.4	1.74	14.3	1.86	16.1	2.11	17.8	2.37
	21	9.1	1.19	10.8	1.41	12.6	1.64	13.4	1.76	14.3	1.88	16.1	2.13	17.8	2.40
	23	9.1	1.21	10.8	1.43	12.6	1.67	13.4	1.79	14.3	1.92	16.1	2.22	17.8	2.55
	25	9.1	1.23	10.8	1.46	12.6	1.73	13.4	1.88	14.3	2.04	16.1	2.37	17.8	2.72
	27	9.1	1.28	10.8	1.55	12.6	1.84	13.4	2.00	14.3	2.17	16.1	2.52	17.8	2.90
	29	9.1	1.35	10.8	1.64	12.6	1.96	13.4	2.13	14.3	2.31	16.1	2.69	17.8	3.10
	31	9.1	1.43	10.8	1.74	12.6	2.08	13.4	2.27	14.3	2.46	16.1	2.86	17.8	3.30
	33	9.1	1.51	10.8	1.85	12.6	2.21	13.4	2.41	14.3	2.61	16.1	3.05	17.8	3.52
	35	9.1	1.60	10.8	1.95	12.6	2.35	13.4	2.55	14.3	2.77	16.1	3.24	17.8	3.74
	37	9.1	1.69	10.8	2.07	12.6	2.49	13.4	2.71	14.3	2.94	16.1	3.44	17.8	3.98
	39	9.1	1.79	10.8	2.19	12.6	2.64	13.4	2.88	14.3	3.13	16.1	3.66	17.8	4.23
50% (100)	10	7.56	0.94	9.0	1.09	10.5	1.25	11.2	1.33	11.9	1.42	13.4	1.59	14.8	1.77
	12	7.56	0.96	9.0	1.11	10.5	1.27	11.2	1.35	11.9	1.44	13.4	1.62	14.8	1.80
	14	7.56	0.97	9.0	1.12	10.5	1.29	11.2	1.37	11.9	1.46	13.4	1.64	14.8	1.83
	16	7.56	0.98	9.0	1.14	10.5	1.31	11.2	1.40	11.9	1.49	13.4	1.67	14.8	1.87
	18	7.56	0.99	9.0	1.16	10.5	1.33	11.2	1.42	11.9	1.51	13.4	1.70	14.8	1.90
	20	7.56	1.01	9.0	1.18	10.5	1.35	11.2	1.44	11.9	1.54	13.4	1.73	14.8	1.94
	21	7.56	1.02	9.0	1.18	10.5	1.36	11.2	1.46	11.9	1.55	13.4	1.75	14.8	1.96
	23	7.56	1.03	9.0	1.20	10.5	1.39	11.2	1.48	11.9	1.58	13.4	1.78	14.8	2.00
	25	7.56	1.05	9.0	1.22	10.5	1.41	11.2	1.51	11.9	1.63	13.4	1.87	14.8	2.13
	27	7.56	1.06	9.0	1.27	10.5	1.49	11.2	1.61	11.9	1.73	13.4	1.99	14.8	2.27
	29	7.56	1.13	9.0	1.34	10.5	1.58	11.2	1.71	11.9	1.84	13.4	2.12	14.8	2.42
	31	7.56	1.19	9.0	1.42	10.5	1.68	11.2	1.81	11.9	1.95	13.4	2.25	14.8	2.58
	33	7.56	1.26	9.0	1.50	10.5	1.78	11.2	1.92	11.9	2.07	13.4	2.39	14.8	2.74
	35	7.56	1.33	9.0	1.59	10.5	1.88	11.2	2.04	11.9	2.20	13.4	2.54	14.8	2.91
	37	7.56	1.40	9.0	1.68	10.5	1.99	11.2	2.16	11.9	2.33	13.4	2.70	14.8	3.09
	39	7.56	1.47	9.0	1.78	10.5	2.11	11.2	2.28	11.9	2.47	13.4	2.86	14.8	3.28

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ10PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	24.6	3.64	29.3	4.45	34.0	5.30	35.3	5.41	35.7	5.30	36.6	5.07	37.5	4.85
	12	24.6	3.70	29.3	4.54	34.0	5.40	34.8	5.38	35.3	5.27	36.1	5.04	37.0	4.96
	14	24.6	3.77	29.3	4.62	33.9	5.46	34.4	5.35	34.8	5.24	35.7	5.20	36.6	5.24
	16	24.6	3.85	29.3	4.71	33.5	5.44	33.9	5.40	34.3	5.42	35.2	5.48	36.1	5.53
	18	24.6	3.92	29.3	4.81	33.0	5.65	33.4	5.67	33.9	5.70	34.8	5.76	35.7	5.81
	20	24.6	4.00	29.3	5.12	32.5	5.92	33.0	5.95	33.4	5.98	34.3	6.04	35.2	6.10
	21	24.6	4.11	29.3	5.30	32.3	6.06	32.8	6.09	33.2	6.12	34.1	6.18	35.0	6.24
	23	24.6	4.40	29.3	5.69	31.9	6.34	32.3	6.37	32.7	6.40	33.6	6.46	34.5	6.53
	25	24.6	4.71	29.3	6.09	31.4	6.61	31.8	6.65	32.3	6.68	33.2	6.75	34.1	6.82
	27	24.6	5.03	29.3	6.51	31.0	6.89	31.4	6.93	31.8	6.96	32.7	7.04	33.6	7.11
	29	24.6	5.37	29.3	6.96	30.5	7.17	30.9	7.21	31.4	7.25	32.3	7.32	33.2	7.40
	31	24.6	5.73	29.2	7.37	30.0	7.45	30.5	7.49	30.9	7.53	31.8	7.61	32.7	7.69
	33	24.6	6.10	28.7	7.65	29.6	7.73	30.0	7.78	30.5	7.82	31.4	7.90	32.2	7.99
	35	24.6	6.50	28.2	7.92	29.1	8.02	29.6	8.06	30.0	8.11	30.9	8.20	31.8	8.29
	37	24.6	6.92	27.8	8.20	28.7	8.30	29.1	8.35	29.6	8.40	30.4	8.49	31.3	8.59
	39	24.6	7.37	27.3	8.49	28.2	8.59	28.7	8.64	29.1	8.69	30.0	8.79	30.9	8.89
120% (300)	10	22.7	3.32	27.0	4.06	31.4	4.83	33.6	5.22	35.2	5.44	36.0	5.23	36.8	5.03
	12	22.7	3.38	27.0	4.14	31.4	4.92	33.6	5.32	34.7	5.41	35.5	5.20	36.3	4.99
	14	22.7	3.45	27.0	4.21	31.4	5.01	33.6	5.42	34.2	5.38	35.1	5.17	35.9	5.21
	16	22.7	3.51	27.0	4.30	31.4	5.11	33.4	5.46	33.8	5.39	34.6	5.44	35.4	5.49
	18	22.7	3.58	27.0	4.38	31.4	5.29	32.9	5.64	33.3	5.67	34.1	5.72	35.0	5.77
	20	22.7	3.65	27.0	4.56	31.4	5.68	32.5	5.92	32.9	5.94	33.7	6.00	34.5	6.05
	21	22.7	3.69	27.0	4.72	31.4	5.89	32.2	6.05	32.6	6.08	33.5	6.14	34.3	6.19
	23	22.7	3.94	27.0	5.05	31.4	6.30	31.8	6.33	32.2	6.36	33.0	6.42	33.8	6.48
	25	22.7	4.21	27.0	5.41	30.9	6.57	31.3	6.61	31.7	6.64	32.6	6.70	33.4	6.76
	27	22.7	4.49	27.0	5.78	30.5	6.85	30.9	6.88	31.3	6.92	32.1	6.98	32.9	7.05
	29	22.7	4.79	27.0	6.18	30.0	7.13	30.4	7.16	30.8	7.20	31.6	7.27	32.5	7.34
	31	22.7	5.11	27.0	6.59	29.5	7.41	30.0	7.44	30.4	7.48	31.2	7.56	32.0	7.63
	33	22.7	5.44	27.0	7.03	29.1	7.68	29.5	7.72	29.9	7.76	30.7	7.84	31.5	7.92
	35	22.7	5.79	27.0	7.50	28.6	7.97	29.0	8.01	29.5	8.05	30.3	8.13	31.1	8.22
	37	22.7	6.16	27.0	7.99	28.2	8.25	28.6	8.29	29.0	8.34	29.8	8.42	30.6	8.51
	39	22.7	6.56	26.9	8.44	27.7	8.53	28.1	8.58	28.5	8.62	29.4	8.72	30.2	8.81
110% (275)	10	20.8	3.02	24.8	3.68	28.8	4.36	30.8	4.72	32.8	5.08	35.3	5.39	36.1	5.20
	12	20.8	3.07	24.8	3.74	28.8	4.45	30.8	4.81	32.8	5.17	34.9	5.36	35.6	5.17
	14	20.8	3.13	24.8	3.81	28.8	4.53	30.8	4.90	32.8	5.27	34.4	5.33	35.2	5.17
	16	20.8	3.19	24.8	3.89	28.8	4.62	30.8	4.99	32.8	5.37	34.0	5.40	34.7	5.45
	18	20.8	3.25	24.8	3.96	28.8	4.71	30.8	5.13	32.8	5.63	33.5	5.68	34.3	5.73
	20	20.8	3.31	24.8	4.04	28.8	4.99	30.8	5.52	32.3	5.91	33.1	5.96	33.8	6.01
	21	20.8	3.34	24.8	4.17	28.8	5.17	30.8	5.71	32.1	6.04	32.8	6.09	33.6	6.15
	23	20.8	3.50	24.8	4.46	28.8	5.54	30.8	6.13	31.6	6.32	32.4	6.37	33.1	6.43
	25	20.8	3.74	24.8	4.77	28.8	5.93	30.8	6.57	31.2	6.59	31.9	6.65	32.7	6.71
	27	20.8	3.99	24.8	5.10	28.8	6.35	30.3	6.84	30.7	6.87	31.5	6.93	32.2	6.99
	29	20.8	4.25	24.8	5.44	28.8	6.78	29.9	7.12	30.3	7.15	31.0	7.22	31.8	7.28
	31	20.8	4.52	24.8	5.80	28.8	7.24	29.4	7.40	29.8	7.43	30.6	7.50	31.3	7.57
	33	20.8	4.82	24.8	6.18	28.6	7.64	29.0	7.67	29.4	7.71	30.1	7.78	30.9	7.86
	35	20.8	5.12	24.8	6.59	28.1	7.92	28.5	7.95	28.9	7.99	29.6	8.07	30.4	8.15
	37	20.8	5.45	24.8	7.02	27.7	8.19	28.1	8.23	28.4	8.28	29.2	8.36	29.9	8.44
	39	20.8	5.79	24.8	7.47	27.2	8.47	27.6	8.52	28.0	8.56	28.7	8.65	29.5	8.73
100% (250)	10	18.9	2.72	22.5	3.30	26.2	3.91	28.0	4.23	29.8	4.54	33.5	5.19	35.4	5.37
	12	18.9	2.77	22.5	3.36	26.2	3.98	28.0	4.30	29.8	4.63	33.5	5.29	34.9	5.35
	14	18.9	2.82	22.5	3.42	26.2	4.06	28.0	4.39	29.8	4.72	33.5	5.39	34.5	5.32
	16	18.9	2.87	22.5	3.49	26.2	4.14	28.0	4.47	29.8	4.81	33.3	5.46	34.0	5.41
	18	18.9	2.92	22.5	3.56	26.2	4.22	28.0	4.56	29.8	4.91	32.9	5.64	33.6	5.68
	20	18.9	2.98	22.5	3.63	26.2	4.35	28.0	4.79	29.8	5.26	32.4	5.91	33.1	5.96
	21	18.9	3.01	22.5	3.66	26.2	4.50	28.0	4.96	29.8	5.45	32.2	6.05	32.9	6.10
	23	18.9	3.09	22.5	3.91	26.2	4.82	28.0	5.32	29.8	5.84	31.8	6.33	32.4	6.38
	25	18.9	3.29	22.5	4.17	26.2	5.16	28.0	5.69	29.8	6.25	31.3	6.60	32.0	6.66
	27	18.9	3.51	22.5	4.45	26.2	5.51	28.0	6.09	29.8	6.69	30.8	6.88	31.5	6.94
	29	18.9	3.74	22.5	4.75	26.2	5.89	28.0	6.50	29.7	7.10	30.4	7.16	31.1	7.22
	31	18.9	3.98	22.5	5.06	26.2	6.28	28.0	6.94	29.3	7.38	29.9	7.44	30.6	7.50
	33	18.9	4.23	22.5	5.39	26.2	6.70	28.0	7.41	28.8	7.66	29.5	7.72	30.2	7.79
	35	18.9	4.50	22.5	5.74	26.2	7.14	28.0	7.90	28.3	7.93	29.0	8.00	29.7	8.07
	37	18.9	4.78	22.5	6.11	26.2	7.61	27.5	8.18	27.9	8.22	28.6	8.29	29.2	8.36
	39	18.9	5.07	22.5	6.50	26.2	8.10	27.1	8.46	27.4	8.50	28.1	8.57	28.8	8.65

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (225)	10	17.0	2.44	20.3	2.94	23.6	3.47	25.2	3.74	26.8	4.02	30.1	4.60	33.4	5.18
	12	17.0	2.48	20.3	2.99	23.6	3.53	25.2	3.81	26.8	4.10	30.1	4.68	33.4	5.28
	14	17.0	2.52	20.3	3.05	23.6	3.60	25.2	3.89	26.8	4.18	30.1	4.77	33.4	5.38
	16	17.0	2.57	20.3	3.10	23.6	3.67	25.2	3.96	26.8	4.26	30.1	4.87	33.3	5.47
	18	17.0	2.61	20.3	3.16	23.6	3.74	25.2	4.04	26.8	4.34	30.1	4.96	32.9	5.64
	20	17.0	2.66	20.3	3.22	23.6	3.81	25.2	4.12	26.8	4.51	30.1	5.33	32.4	5.91
	21	17.0	2.68	20.3	3.25	23.6	3.88	25.2	4.26	26.8	4.67	30.1	5.53	32.2	6.05
	23	17.0	2.74	20.3	3.39	23.6	4.15	25.2	4.57	26.8	5.00	30.1	5.93	31.7	6.33
	25	17.0	2.88	20.3	3.62	23.6	4.44	25.2	4.88	26.8	5.35	30.1	6.35	31.3	6.60
	27	17.0	3.07	20.3	3.86	23.6	4.74	25.2	5.22	26.8	5.72	30.1	6.79	30.8	6.88
	29	17.0	3.26	20.3	4.11	23.6	5.06	25.2	5.57	26.8	6.11	29.8	7.11	30.4	7.16
	31	17.0	3.47	20.3	4.38	23.6	5.39	25.2	5.94	26.8	6.52	29.3	7.38	29.9	7.44
	33	17.0	3.69	20.3	4.66	23.6	5.75	25.2	6.33	26.8	6.95	28.9	7.66	29.5	7.72
	35	17.0	3.91	20.3	4.95	23.6	6.12	25.2	6.75	26.8	7.41	28.4	7.94	29.0	8.00
	37	17.0	4.15	20.3	5.26	23.6	6.51	25.2	7.19	26.8	7.90	27.9	8.22	28.6	8.29
	39	17.0	4.41	20.3	5.60	23.6	6.93	25.2	7.65	26.8	8.41	27.5	8.50	28.1	8.57
80% (200)	10	15.1	2.16	18.0	2.59	20.9	3.04	22.4	3.28	23.9	3.52	26.8	4.01	29.7	4.52
	12	15.1	2.20	18.0	2.63	20.9	3.10	22.4	3.34	23.9	3.58	26.8	4.09	29.7	4.61
	14	15.1	2.23	18.0	2.68	20.9	3.15	22.4	3.40	23.9	3.65	26.8	4.17	29.7	4.69
	16	15.1	2.27	18.0	2.73	20.9	3.21	22.4	3.46	23.9	3.72	26.8	4.25	29.7	4.79
	18	15.1	2.31	18.0	2.78	20.9	3.27	22.4	3.53	23.9	3.79	26.8	4.33	29.7	4.88
	20	15.1	2.35	18.0	2.83	20.9	3.34	22.4	3.60	23.9	3.87	26.8	4.49	29.7	5.22
	21	15.1	2.37	18.0	2.86	20.9	3.37	22.4	3.64	23.9	3.95	26.8	4.65	29.7	5.41
	23	15.1	2.42	18.0	2.91	20.9	3.53	22.4	3.87	23.9	4.23	26.8	4.98	29.7	5.80
	25	15.1	2.50	18.0	3.10	20.9	3.78	22.4	4.14	23.9	4.52	26.8	5.33	29.7	6.21
	27	15.1	2.65	18.0	3.30	20.9	4.03	22.4	4.42	23.9	4.82	26.8	5.70	29.7	6.64
	29	15.1	2.82	18.0	3.52	20.9	4.29	22.4	4.71	23.9	5.15	26.8	6.08	29.7	7.10
	31	15.1	3.00	18.0	3.74	20.9	4.57	22.4	5.02	23.9	5.49	26.8	6.49	29.2	7.38
	33	15.1	3.18	18.0	3.98	20.9	4.87	22.4	5.35	23.9	5.85	26.8	6.93	28.8	7.65
	35	15.1	3.37	18.0	4.22	20.9	5.18	22.4	5.69	23.9	6.23	26.8	7.38	28.3	7.93
	37	15.1	3.57	18.0	4.49	20.9	5.50	22.4	6.06	23.9	6.63	26.8	7.87	27.9	8.21
	39	15.1	3.79	18.0	4.76	20.9	5.85	22.4	6.44	23.9	7.06	26.8	8.38	27.4	8.49
70% (175)	10	13.2	1.90	15.8	2.26	18.3	2.63	19.6	2.83	20.9	3.03	23.4	3.45	26.0	3.88
	12	13.2	1.93	15.8	2.29	18.3	2.68	19.6	2.88	20.9	3.09	23.4	3.51	26.0	3.95
	14	13.2	1.96	15.8	2.33	18.3	2.73	19.6	2.93	20.9	3.14	23.4	3.58	26.0	4.02
	16	13.2	1.99	15.8	2.37	18.3	2.78	19.6	2.99	20.9	3.20	23.4	3.64	26.0	4.10
	18	13.2	2.03	15.8	2.41	18.3	2.83	19.6	3.04	20.9	3.26	23.4	3.71	26.0	4.18
	20	13.2	2.06	15.8	2.46	18.3	2.88	19.6	3.10	20.9	3.33	23.4	3.79	26.0	4.30
	21	13.2	2.08	15.8	2.48	18.3	2.91	19.6	3.13	20.9	3.36	23.4	3.85	26.0	4.45
	23	13.2	2.11	15.8	2.53	18.3	2.97	19.6	3.24	20.9	3.52	23.4	4.12	26.0	4.77
	25	13.2	2.15	15.8	2.63	18.3	3.17	19.6	3.46	20.9	3.76	23.4	4.40	26.0	5.10
	27	13.2	2.27	15.8	2.80	18.3	3.37	19.6	3.68	20.9	4.01	23.4	4.70	26.0	5.45
	29	13.2	2.41	15.8	2.97	18.3	3.59	19.6	3.92	20.9	4.27	23.4	5.02	26.0	5.82
	31	13.2	2.56	15.8	3.16	18.3	3.82	19.6	4.18	20.9	4.55	23.4	5.35	26.0	6.21
	33	13.2	2.71	15.8	3.35	18.3	4.06	19.6	4.44	20.9	4.84	23.4	5.70	26.0	6.62
	35	13.2	2.87	15.8	3.56	18.3	4.32	19.6	4.72	20.9	5.15	23.4	6.07	26.0	7.06
	37	13.2	3.04	15.8	3.77	18.3	4.58	19.6	5.02	20.9	5.48	23.4	6.46	26.0	7.52
	39	13.2	3.22	15.8	4.00	18.3	4.87	19.6	5.33	20.9	5.83	23.4	6.87	26.0	8.01
60% (150)	10	11.3	1.65	13.5	1.94	15.7	2.25	16.8	2.41	17.9	2.57	20.1	2.91	22.3	3.26
	12	11.3	1.68	13.5	1.97	15.7	2.28	16.8	2.45	17.9	2.61	20.1	2.96	22.3	3.32
	14	11.3	1.70	13.5	2.00	15.7	2.32	16.8	2.49	17.9	2.66	20.1	3.01	22.3	3.38
	16	11.3	1.73	13.5	2.04	15.7	2.36	16.8	2.53	17.9	2.71	20.1	3.07	22.3	3.44
	18	11.3	1.75	13.5	2.07	15.7	2.40	16.8	2.58	17.9	2.76	20.1	3.12	22.3	3.51
	20	11.3	1.78	13.5	2.10	15.7	2.45	16.8	2.63	17.9	2.81	20.1	3.18	22.3	3.58
	21	11.3	1.80	13.5	2.12	15.7	2.47	16.8	2.65	17.9	2.83	20.1	3.22	22.3	3.61
	23	11.3	1.83	13.5	2.16	15.7	2.51	16.8	2.70	17.9	2.89	20.1	3.34	22.3	3.84
	25	11.3	1.86	13.5	2.20	15.7	2.61	16.8	2.84	17.9	3.07	20.1	3.57	22.3	4.10
	27	11.3	1.92	13.5	2.33	15.7	2.78	16.8	3.02	17.9	3.27	20.1	3.80	22.3	4.38
	29	11.3	2.04	13.5	2.47	15.7	2.96	16.8	3.21	17.9	3.48	20.1	4.05	22.3	4.67
	31	11.3	2.16	13.5	2.62	15.7	3.14	16.8	3.42	17.9	3.70	20.1	4.32	22.3	4.98
	33	11.3	2.28	13.5	2.78	15.7	3.33	16.8	3.63	17.9	3.94	20.1	4.59	22.3	5.30
	35	11.3	2.41	13.5	2.95	15.7	3.54	16.8	3.85	17.9	4.18	20.1	4.88	22.3	5.64
	37	11.3	2.55	13.5	3.12	15.7	3.75	16.8	4.09	17.9	4.44	20.1	5.19	22.3	6.00
	39	11.3	2.69	13.5	3.30	15.7	3.97	16.8	4.34	17.9	4.71	20.1	5.52	22.3	6.38
50% (125)	10	9.45	1.42	11.3	1.65	13.1	1.88	14.0	2.01	14.9	2.13	16.7	2.40	18.6	2.67
	12	9.45	1.44	11.3	1.67	13.1	1.91	14.0	2.04	14.9	2.17	16.7	2.44	18.6	2.72
	14	9.45	1.46	11.3	1.69	13.1	1.94	14.0	2.07	14.9	2.20	16.7	2.48	18.6	2.76
	16	9.45	1.48	11.3	1.72	13.1	1.97	14.0	2.11	14.9	2.24	16.7	2.52	18.6	2.81
	18	9.45	1.50	11.3	1.74	13.1	2.00	14.0	2.14	14.9	2.28	16.7	2.57	18.6	2.87
	20	9.45	1.52	11.3	1.77	13.1	2.04	14.0	2.18	14.9	2.32	16.7	2.61	18.6	2.92
	21	9.45	1.53	11.3	1.79	13.1	2.06	14.0	2.20	14.9	2.34	16.7	2.64	18.6	2.95
	23	9.45	1.56	11.3	1.82	13.1	2.09	14.0	2.24	14.9	2.38	16.7	2.69	18.6	3.02
	25	9.45	1.58	11.3	1.85	13.1	2.13	14.0	2.28	14.9	2.46	16.7	2.82	18.6	3.22
	27	9.45	1.60	11.3	1.91	13.1	2.25	14.0	2.43	14.9	2.61	16.7	3.01	18.6	3.43
	29	9.45	1.70	11.3	2.02	13.1	2.38	14.0	2.58	14.9	2.77	16.7	3.20	18.6	3.65
	31	9.45	1.79	11.3	2.14	13.1	2.53	14.0	2.73	14.9	2.95	16.7	3.40	18.6	3.88
	33	9.45	1.89	11.3	2.27	13.1	2.68	14.0	2.90	14.9	3.13	16.7	3.61	18.6	4.13
	35	9.45	2.00	11.3	2.40	13.1	2.84	14.0	3.07	14.9	3.31	16.7	3.83	18.6	4.39
	37	9.45	2.11	11.3	2.53	13.1	3.00	14.0	3.25	14.9	3.51	16.7	4.07	18.6	4.66
	39	9.45	2.22	11.3	2.68	13.1	3.18	14.0	3.44	14.9	3.72	16.7	4.31	18.6	4.95

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ12PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	29.4	4.11	35.1	5.03	40.7	5.99	42.2	6.11	42.7	5.99	43.8	5.74	44.8	5.48
	12	29.4	4.19	35.1	5.13	40.7	6.10	41.6	6.08	42.2	5.95	43.2	5.70	44.3	5.61
	14	29.4	4.27	35.1	5.23	40.6	6.18	41.1	6.05	41.6	5.92	42.7	5.87	43.8	5.93
	16	29.4	4.35	35.1	5.33	40.0	6.15	40.6	6.10	41.1	6.13	42.1	6.19	43.2	6.25
	18	29.4	4.43	35.1	5.43	39.5	6.38	40.0	6.41	40.5	6.45	41.6	6.51	42.7	6.57
	20	29.4	4.52	35.1	5.79	38.9	6.69	39.5	6.73	40.0	6.76	41.1	6.83	42.1	6.89
	21	29.4	4.65	35.1	6.00	38.7	6.85	39.2	6.88	39.7	6.92	40.8	6.99	41.8	7.06
	23	29.4	4.98	35.1	6.43	38.1	7.16	38.7	7.20	39.2	7.23	40.2	7.31	41.3	7.38
	25	29.4	5.32	35.1	6.88	37.6	7.47	38.1	7.51	38.6	7.55	39.7	7.63	40.8	7.71
	27	29.4	5.69	35.1	7.36	37.0	7.79	37.6	7.83	38.1	7.87	39.2	7.95	40.2	8.04
	29	29.4	6.07	35.1	7.87	36.5	8.10	37.0	8.15	37.5	8.19	38.6	8.28	39.7	8.37
	31	29.4	6.47	34.9	8.33	35.9	8.42	36.5	8.47	37.0	8.51	38.1	8.61	39.1	8.70
	33	29.4	6.90	34.3	8.64	35.4	8.74	35.9	8.79	36.5	8.84	37.5	8.94	38.6	9.03
	35	29.4	7.35	33.8	8.96	34.9	9.06	35.4	9.11	35.9	9.16	37.0	9.27	38.0	9.37
	37	29.4	7.83	33.2	9.27	34.3	9.38	34.8	9.44	35.4	9.49	36.4	9.6	37.5	9.7
	39	29.4	8.33	32.7	9.6	33.8	9.7	34.3	9.8	34.8	9.8	35.9	9.9	36.9	10.0
120% (360)	10	27.1	3.76	32.4	4.59	37.6	5.46	40.2	5.90	42.1	6.14	43.0	5.91	44.0	5.68
	12	27.1	3.83	32.4	4.68	37.6	5.56	40.2	6.01	41.5	6.11	42.5	5.88	43.5	5.64
	14	27.1	3.90	32.4	4.76	37.6	5.67	40.2	6.13	41.0	6.08	41.9	5.84	42.9	5.89
	16	27.1	3.97	32.4	4.86	37.6	5.78	39.9	6.17	40.4	6.09	41.4	6.15	42.4	6.20
	18	27.1	4.05	32.4	4.95	37.6	5.98	39.4	6.38	39.9	6.41	40.9	6.46	41.8	6.52
	20	27.1	4.13	32.4	5.15	37.6	6.42	38.8	6.69	39.3	6.72	40.3	6.78	41.3	6.84
	21	27.1	4.17	32.4	5.33	37.6	6.66	38.6	6.84	39.1	6.87	40.0	6.94	41.0	7.00
	23	27.1	4.45	32.4	5.71	37.5	7.12	38.0	7.15	38.5	7.19	39.5	7.26	40.5	7.32
	25	27.1	4.76	32.4	6.11	37.0	7.43	37.5	7.47	38.0	7.50	38.9	7.57	39.9	7.65
	27	27.1	5.08	32.4	6.54	36.4	7.74	36.9	7.78	37.4	7.82	38.4	7.90	39.4	7.97
	29	27.1	5.42	32.4	6.98	35.9	8.06	36.4	8.10	36.9	8.14	37.9	8.22	38.8	8.30
	31	27.1	5.77	32.4	7.45	35.4	8.37	35.8	8.41	36.3	8.46	37.3	8.54	38.3	8.63
	33	27.1	6.15	32.4	7.95	34.8	8.69	35.3	8.73	35.8	8.78	36.8	8.87	37.7	8.96
	35	27.1	6.55	32.4	8.47	34.3	9.00	34.8	9.05	35.2	9.10	36.2	9.19	37.2	9.29
	37	27.1	6.97	32.4	9.03	33.7	9.32	34.2	9.37	34.7	9.42	35.7	9.52	36.7	9.6
	39	27.1	7.41	32.2	9.54	33.2	9.6	33.7	9.7	34.2	9.7	35.1	9.9	36.1	10.0
110% (330)	10	24.9	3.41	29.7	4.15	34.5	4.93	36.9	5.33	39.2	5.74	42.3	6.09	43.2	5.88
	12	24.9	3.47	29.7	4.23	34.5	5.03	36.9	5.43	39.2	5.85	41.7	6.06	42.6	5.84
	14	24.9	3.54	29.7	4.31	34.5	5.12	36.9	5.54	39.2	5.96	41.2	6.03	42.1	5.84
	16	24.9	3.60	29.7	4.39	34.5	5.22	36.9	5.65	39.2	6.07	40.6	6.11	41.5	6.16
	18	24.9	3.67	29.7	4.48	34.5	5.33	36.9	5.80	39.2	6.37	40.1	6.42	41.0	6.47
	20	24.9	3.74	29.7	4.57	34.5	5.64	36.9	6.23	38.7	6.68	39.6	6.73	40.5	6.79
	21	24.9	3.78	29.7	4.71	34.5	5.85	36.9	6.46	38.4	6.83	39.3	6.89	40.2	6.95
	23	24.9	3.96	29.7	5.04	34.5	6.27	36.9	6.93	37.8	7.14	38.7	7.20	39.6	7.27
	25	24.9	4.22	29.7	5.39	34.5	6.71	36.9	7.42	37.3	7.45	38.2	7.52	39.1	7.59
	27	24.9	4.51	29.7	5.76	34.5	7.17	36.3	7.73	36.8	7.77	37.7	7.84	38.5	7.91
	29	24.9	4.80	29.7	6.15	34.5	7.67	35.8	8.05	36.2	8.08	37.1	8.16	38.0	8.23
	31	24.9	5.11	29.7	6.56	34.5	8.19	35.2	8.36	35.7	8.40	36.6	8.48	37.5	8.55
	33	24.9	5.44	29.7	6.99	34.2	8.63	34.7	8.67	35.1	8.72	36.0	8.80	36.9	8.88
	35	24.9	5.79	29.7	7.45	33.7	8.95	34.1	8.99	34.6	9.03	35.5	9.12	36.4	9.21
	37	24.9	6.16	29.7	7.93	33.1	9.26	33.6	9.31	34.0	9.35	34.9	9.45	35.8	9.54
	39	24.9	6.55	29.7	8.45	32.6	9.6	33.0	9.6	33.5	9.7	34.4	9.8	35.3	9.9
100% (300)	10	22.6	3.08	27.0	3.73	31.3	4.42	33.5	4.78	35.7	5.14	40.0	5.87	42.3	6.08
	12	22.6	3.13	27.0	3.80	31.3	4.50	33.5	4.87	35.7	5.23	40.0	5.98	41.8	6.04
	14	22.6	3.19	27.0	3.87	31.3	4.59	33.5	4.96	35.7	5.33	40.0	6.10	41.3	6.01
	16	22.6	3.24	27.0	3.94	31.3	4.68	33.5	5.06	35.7	5.44	39.9	6.18	40.7	6.11
	18	22.6	3.30	27.0	4.02	31.3	4.77	33.5	5.16	35.7	5.55	39.4	6.38	40.2	6.42
	20	22.6	3.37	27.0	4.10	31.3	4.91	33.5	5.42	35.7	5.94	38.8	6.69	39.6	6.74
	21	22.6	3.40	27.0	4.14	31.3	5.09	33.5	5.61	35.7	6.16	38.5	6.84	39.4	6.89
	23	22.6	3.49	27.0	4.41	31.3	5.45	33.5	6.01	35.7	6.60	38.0	7.15	38.8	7.21
	25	22.6	3.72	27.0	4.72	31.3	5.83	33.5	6.43	35.7	7.07	37.4	7.47	38.3	7.52
	27	22.6	3.97	27.0	5.04	31.3	6.23	33.5	6.88	35.7	7.56	36.9	7.78	37.7	7.84
	29	22.6	4.23	27.0	5.37	31.3	6.66	33.5	7.35	35.5	8.03	36.4	8.09	37.2	8.16
	31	22.6	4.50	27.0	5.72	31.3	7.10	33.5	7.85	35.0	8.34	35.8	8.41	36.6	8.48
	33	22.6	4.78	27.0	6.10	31.3	7.57	33.5	8.37	34.5	8.65	35.3	8.73	36.1	8.80
	35	22.6	5.08	27.0	6.49	31.3	8.07	33.5	8.93	33.9	8.97	34.7	9.05	35.5	9.13
	37	22.6	5.40	27.0	6.91	31.3	8.60	33.0	9.24	33.4	9.29	34.2	9.37	35.0	9.45
	39	22.6	5.74	27.0	7.35	31.3	9.16	32.4	9.56	32.8	9.6	33.6	9.7	34.4	9.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (270)	10	20.3	2.75	24.3	3.32	28.2	3.92	30.2	4.23	32.1	4.55	36.0	5.20	40.0	5.86
	12	20.3	2.80	24.3	3.38	28.2	3.99	30.2	4.31	32.1	4.63	36.0	5.29	40.0	5.97
	14	20.3	2.85	24.3	3.44	28.2	4.07	30.2	4.39	32.1	4.72	36.0	5.40	40.0	6.08
	16	20.3	2.90	24.3	3.51	28.2	4.15	30.2	4.48	32.1	4.81	36.0	5.50	39.9	6.18
	18	20.3	2.95	24.3	3.57	28.2	4.23	30.2	4.57	32.1	4.91	36.0	5.61	39.3	6.37
	20	20.3	3.01	24.3	3.64	28.2	4.31	30.2	4.66	32.1	5.09	36.0	6.03	38.8	6.68
	21	20.3	3.03	24.3	3.68	28.2	4.39	30.2	4.82	32.1	5.27	36.0	6.25	38.5	6.84
	23	20.3	3.09	24.3	3.83	28.2	4.69	30.2	5.16	32.1	5.65	36.0	6.70	38.0	7.15
	25	20.3	3.26	24.3	4.09	28.2	5.02	30.2	5.52	32.1	6.05	36.0	7.17	37.4	7.46
	27	20.3	3.47	24.3	4.36	28.2	5.36	30.2	5.90	32.1	6.46	36.0	7.67	36.9	7.78
	29	20.3	3.69	24.3	4.65	28.2	5.72	30.2	6.30	32.1	6.90	35.6	8.03	36.3	8.09
	31	20.3	3.92	24.3	4.95	28.2	6.10	30.2	6.72	32.1	7.37	35.1	8.35	35.8	8.41
	33	20.3	4.17	24.3	5.26	28.2	6.49	30.2	7.16	32.1	7.86	34.5	8.66	35.3	8.73
	35	20.3	4.42	24.3	5.60	28.2	6.92	30.2	7.63	32.1	8.38	34.0	8.98	34.7	9.05
	37	20.3	4.69	24.3	5.95	28.2	7.36	30.2	8.13	32.1	8.93	33.4	9.29	34.2	9.37
	39	20.3	4.98	24.3	6.32	28.2	7.84	30.2	8.65	32.1	9.51	32.9	9.6	33.6	9.7
80% (240)	10	18.1	2.44	21.6	2.93	25.1	3.44	26.8	3.71	28.5	3.98	32.0	4.54	35.5	5.11
	12	18.1	2.48	21.6	2.98	25.1	3.50	26.8	3.77	28.5	4.05	32.0	4.62	35.5	5.21
	14	18.1	2.53	21.6	3.03	25.1	3.57	26.8	3.84	28.5	4.13	32.0	4.71	35.5	5.31
	16	18.1	2.57	21.6	3.08	25.1	3.63	26.8	3.92	28.5	4.21	32.0	4.80	35.5	5.41
	18	18.1	2.61	21.6	3.14	25.1	3.70	26.8	3.99	28.5	4.29	32.0	4.89	35.5	5.52
	20	18.1	2.66	21.6	3.20	25.1	3.77	26.8	4.07	28.5	4.37	32.0	5.07	35.5	5.90
	21	18.1	2.68	21.6	3.23	25.1	3.81	26.8	4.11	28.5	4.46	32.0	5.25	35.5	6.11
	23	18.1	2.73	21.6	3.29	25.1	4.00	26.8	4.38	28.5	4.78	32.0	5.63	35.5	6.55
	25	18.1	2.82	21.6	3.51	25.1	4.27	26.8	4.68	28.5	5.11	32.0	6.02	35.5	7.02
	27	18.1	3.00	21.6	3.73	25.1	4.55	26.8	4.99	28.5	5.45	32.0	6.44	35.5	7.51
	29	18.1	3.19	21.6	3.98	25.1	4.85	26.8	5.32	28.5	5.82	32.0	6.88	35.5	8.03
	31	18.1	3.39	21.6	4.23	25.1	5.17	26.8	5.67	28.5	6.21	32.0	7.34	35.0	8.34
	33	18.1	3.59	21.6	4.49	25.1	5.50	26.8	6.04	28.5	6.61	32.0	7.83	34.4	8.65
	35	18.1	3.81	21.6	4.77	25.1	5.85	26.8	6.43	28.5	7.04	32.0	8.35	33.9	8.97
	37	18.1	4.04	21.6	5.07	25.1	6.22	26.8	6.84	28.5	7.50	32.0	8.89	33.3	9.28
	39	18.1	4.28	21.6	5.38	25.1	6.62	26.8	7.28	28.5	7.98	32.0	9.47	32.8	9.6
70% (210)	10	15.8	2.15	18.9	2.55	21.9	2.98	23.5	3.20	25.0	3.43	28.0	3.90	31.1	4.38
	12	15.8	2.18	18.9	2.59	21.9	3.03	23.5	3.26	25.0	3.49	28.0	3.97	31.1	4.46
	14	15.8	2.22	18.9	2.64	21.9	3.08	23.5	3.32	25.0	3.55	28.0	4.04	31.1	4.55
	16	15.8	2.25	18.9	2.68	21.9	3.14	23.5	3.38	25.0	3.62	28.0	4.12	31.1	4.64
	18	15.8	2.29	18.9	2.73	21.9	3.20	23.5	3.44	25.0	3.69	28.0	4.20	31.1	4.73
	20	15.8	2.33	18.9	2.78	21.9	3.26	23.5	3.51	25.0	3.76	28.0	4.28	31.1	4.86
	21	15.8	2.35	18.9	2.80	21.9	3.29	23.5	3.54	25.0	3.80	28.0	4.35	31.1	5.03
	23	15.8	2.39	18.9	2.86	21.9	3.36	23.5	3.66	25.0	3.98	28.0	4.66	31.1	5.39
	25	15.8	2.43	18.9	2.97	21.9	3.58	23.5	3.91	25.0	4.25	28.0	4.98	31.1	5.77
	27	15.8	2.57	18.9	3.16	21.9	3.81	23.5	4.16	25.0	4.53	28.0	5.31	31.1	6.16
	29	15.8	2.73	18.9	3.36	21.9	4.06	23.5	4.44	25.0	4.83	28.0	5.67	31.1	6.58
	31	15.8	2.89	18.9	3.57	21.9	4.32	23.5	4.72	25.0	5.14	28.0	6.04	31.1	7.02
	33	15.8	3.06	18.9	3.79	21.9	4.59	23.5	5.02	25.0	5.48	28.0	6.44	31.1	7.49
	35	15.8	3.25	18.9	4.02	21.9	4.88	23.5	5.34	25.0	5.82	28.0	6.86	31.1	7.98
	37	15.8	3.44	18.9	4.26	21.9	5.18	23.5	5.68	25.0	6.19	28.0	7.30	31.1	8.50
	39	15.8	3.64	18.9	4.52	21.9	5.50	23.5	6.03	25.0	6.58	28.0	7.77	31.1	9.05
60% (180)	10	13.6	1.87	16.2	2.19	18.8	2.54	20.1	2.72	21.4	2.90	24.0	3.28	26.6	3.68
	12	13.6	1.90	16.2	2.23	18.8	2.58	20.1	2.77	21.4	2.95	24.0	3.34	26.6	3.75
	14	13.6	1.92	16.2	2.26	18.8	2.63	20.1	2.81	21.4	3.01	24.0	3.40	26.6	3.82
	16	13.6	1.95	16.2	2.30	18.8	2.67	20.1	2.86	21.4	3.06	24.0	3.47	26.6	3.89
	18	13.6	1.98	16.2	2.34	18.8	2.72	20.1	2.91	21.4	3.12	24.0	3.53	26.6	3.96
	20	13.6	2.01	16.2	2.38	18.8	2.77	20.1	2.97	21.4	3.17	24.0	3.60	26.6	4.04
	21	13.6	2.03	16.2	2.40	18.8	2.79	20.1	2.99	21.4	3.20	24.0	3.64	26.6	4.08
	23	13.6	2.06	16.2	2.44	18.8	2.84	20.1	3.05	21.4	3.27	24.0	3.78	26.6	4.34
	25	13.6	2.10	16.2	2.49	18.8	2.95	20.1	3.21	21.4	3.47	24.0	4.03	26.6	4.64
	27	13.6	2.17	16.2	2.63	18.8	3.14	20.1	3.41	21.4	3.70	24.0	4.30	26.6	4.95
	29	13.6	2.30	16.2	2.80	18.8	3.34	20.1	3.63	21.4	3.94	24.0	4.58	26.6	5.28
	31	13.6	2.44	16.2	2.97	18.8	3.55	20.1	3.86	21.4	4.19	24.0	4.88	26.6	5.63
	33	13.6	2.58	16.2	3.14	18.8	3.77	20.1	4.10	21.4	4.45	24.0	5.19	26.6	5.99
	35	13.6	2.73	16.2	3.33	18.8	4.00	20.1	4.35	21.4	4.73	24.0	5.52	26.6	6.38
	37	13.6	2.88	16.2	3.53	18.8	4.24	20.1	4.62	21.4	5.02	24.0	5.87	26.6	6.78
	39	13.6	3.05	16.2	3.73	18.8	4.49	20.1	4.90	21.4	5.33	24.0	6.23	26.6	7.22
50% (150)	10	11.3	1.61	13.5	1.86	15.7	2.13	16.8	2.27	17.8	2.41	20.0	2.71	22.2	3.02
	12	11.3	1.63	13.5	1.89	15.7	2.16	16.8	2.30	17.8	2.45	20.0	2.75	22.2	3.07
	14	11.3	1.65	13.5	1.91	15.7	2.19	16.8	2.34	17.8	2.49	20.0	2.80	22.2	3.12
	16	11.3	1.67	13.5	1.94	15.7	2.23	16.8	2.38	17.8	2.53	20.0	2.85	22.2	3.18
	18	11.3	1.70	13.5	1.97	15.7	2.27	16.8	2.42	17.8	2.58	20.0	2.90	22.2	3.24
	20	11.3	1.72	13.5	2.00	15.7	2.30	16.8	2.46	17.8	2.62	20.0	2.95	22.2	3.30
	21	11.3	1.73	13.5	2.02	15.7	2.32	16.8	2.48	17.8	2.65	20.0	2.98	22.2	3.33
	23	11.3	1.76	13.5	2.05	15.7	2.36	16.8	2.53	17.8	2.69	20.0	3.04	22.2	3.41
	25	11.3	1.78	13.5	2.09	15.7	2.41	16.8	2.58	17.8	2.78	20.0	3.19	22.2	3.64
	27	11.3	1.81	13.5	2.16	15.7	2.54	16.8	2.74	17.8	2.95	20.0	3.40	22.2	3.87
	29	11.3	1.92	13.5	2.29	15.7	2.70	16.8	2.91	17.8	3.14	20.0	3.61	22.2	4.13
	31	11.3	2.03	13.5	2.42	15.7	2.86	16.8	3.09	17.8	3.33	20.0	3.84	22.2	4.39
	33	11.3	2.14	13.5	2.56	15.7	3.03	16.8	3.28	17.8	3.53	20.0	4.08	22.2	4.67
	35	11.3	2.26	13.5	2.71	15.7	3.21	16.8	3.47	17.8	3.75	20.0	4.33	22.2	4.96
	37	11.3	2.38	13.5	2.86	15.7	3.39	16.8	3.68	17.8	3.97	20.0	4.60	22.2	5.27
	39	11.3	2.51	13.5	3.03	15.7	3.59	16.8	3.89	17.8	4.21	20.0	4.87	22.2	5.59

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ14PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	35.1	5.71	41.9	6.99	48.6	8.31	50.4	8.49	51.0	8.32	52.3	7.96	53.5	7.61
	12	35.1	5.81	41.9	7.12	48.6	8.47	49.7	8.44	50.4	8.27	51.6	7.91	52.9	7.79
	14	35.1	5.92	41.9	7.26	48.4	8.58	49.1	8.40	49.7	8.22	51.0	8.16	52.2	8.23
	16	35.1	6.04	41.9	7.40	47.8	8.53	48.4	8.47	49.1	8.51	50.3	8.60	51.6	8.68
	18	35.1	6.16	41.9	7.55	47.1	8.86	47.8	8.91	48.4	8.95	49.7	9.04	50.9	9.12
	20	35.1	6.28	41.9	8.04	46.5	9.3	47.1	9.3	47.8	9.4	49.0	9.5	50.3	9.6
	21	35.1	6.46	41.9	8.33	46.2	9.5	46.8	9.6	47.4	9.6	48.7	9.7	50.0	9.8
	23	35.1	6.91	41.9	8.93	45.5	9.9	46.1	10.0	46.8	10.0	48.0	10.1	49.3	10.2
	25	35.1	7.39	41.9	9.6	44.9	10.4	45.5	10.4	46.1	10.5	47.4	10.6	48.7	10.7
	27	35.1	7.90	41.9	10.2	44.2	10.8	44.8	10.9	45.5	10.9	46.7	11.0	48.0	11.2
	29	35.1	8.43	41.9	10.9	43.6	11.3	44.2	11.3	44.8	11.4	46.1	11.5	47.4	11.6
	31	35.1	8.99	41.6	11.6	42.9	11.7	43.5	11.8	44.2	11.8	45.4	12.0	46.7	12.1
	33	35.1	9.6	41.0	12.0	42.3	12.1	42.9	12.2	43.5	12.3	44.8	12.4	46.1	12.5
	35	35.1	10.2	40.3	12.4	41.6	12.6	42.2	12.7	42.9	12.7	44.1	12.9	45.4	13.0
	37	35.1	10.9	39.7	12.9	41.0	13.0	41.6	13.1	42.2	13.2	43.5	13.3	44.8	13.5
	39	35.1	11.6	39.0	13.3	40.3	13.5	40.9	13.6	41.6	13.6	42.8	13.8	44.1	14.0
120% (420)	10	32.4	5.22	38.6	6.37	44.9	7.58	48.0	8.19	50.2	8.53	51.4	8.21	52.6	7.89
	12	32.4	5.31	38.6	6.49	44.9	7.72	48.0	8.35	49.6	8.49	50.7	8.16	51.9	7.83
	14	32.4	5.41	38.6	6.62	44.9	7.87	48.0	8.51	48.9	8.45	50.1	8.11	51.2	8.17
	16	32.4	5.51	38.6	6.74	44.9	8.02	47.7	8.57	48.3	8.46	49.4	8.54	50.6	8.61
	18	32.4	5.62	38.6	6.88	44.9	8.30	47.0	8.85	47.6	8.89	48.8	8.97	49.9	9.06
	20	32.4	5.73	38.6	7.15	44.9	8.92	46.4	9.3	47.0	9.3	48.1	9.4	49.3	9.5
	21	32.4	5.79	38.6	7.41	44.9	9.24	46.1	9.5	46.6	9.5	47.8	9.6	49.0	9.7
	23	32.4	6.18	38.6	7.93	44.8	9.9	45.4	9.9	46.0	10.0	47.2	10.1	48.3	10.2
	25	32.4	6.61	38.6	8.49	44.2	10.3	44.8	10.4	45.3	10.4	46.5	10.5	47.7	10.6
	27	32.4	7.05	38.6	9.08	43.5	10.8	44.1	10.8	44.7	10.9	45.9	11.0	47.0	11.1
	29	32.4	7.52	38.6	9.7	42.9	11.2	43.4	11.2	44.0	11.3	45.2	11.4	46.4	11.5
	31	32.4	8.02	38.6	10.3	42.2	11.6	42.8	11.7	43.4	11.7	44.6	11.9	45.7	12.0
	33	32.4	8.54	38.6	11.0	41.6	12.1	42.1	12.1	42.7	12.2	43.9	12.3	45.1	12.4
	35	32.4	9.09	38.6	11.8	40.9	12.5	41.5	12.6	42.1	12.6	43.2	12.8	44.4	12.9
	37	32.4	9.7	38.6	12.5	40.3	12.9	40.8	13.0	41.4	13.1	42.6	13.2	43.8	13.4
	39	32.4	10.3	38.4	13.2	39.6	13.4	40.2	13.5	40.8	13.5	41.9	13.7	43.1	13.8
110% (385)	10	29.7	4.74	35.4	5.77	41.1	6.85	44.0	7.41	46.9	7.97	50.5	8.46	51.6	8.16
	12	29.7	4.82	35.4	5.88	41.1	6.98	44.0	7.55	46.9	8.12	49.8	8.41	50.9	8.12
	14	29.7	4.91	35.4	5.99	41.1	7.11	44.0	7.69	46.9	8.27	49.2	8.37	50.3	8.11
	16	29.7	5.00	35.4	6.10	41.1	7.25	44.0	7.84	46.9	8.43	48.5	8.48	49.6	8.55
	18	29.7	5.10	35.4	6.22	41.1	7.40	44.0	8.06	46.8	8.84	47.9	8.91	49.0	8.99
	20	29.7	5.20	35.4	6.35	41.1	7.84	44.0	8.66	46.2	9.3	47.2	9.3	48.3	9.4
	21	29.7	5.25	35.4	6.54	41.1	8.12	44.0	8.97	45.8	9.5	46.9	9.6	48.0	9.6
	23	29.7	5.49	35.4	7.00	41.1	8.70	44.0	9.6	45.2	9.9	46.3	10.0	47.3	10.1
	25	29.7	5.87	35.4	7.49	41.1	9.3	44.0	10.3	44.5	10.4	45.6	10.4	46.7	10.5
	27	29.7	6.26	35.4	8.00	41.1	10.0	43.4	10.7	43.9	10.8	45.0	10.9	46.0	11.0
	29	29.7	6.67	35.4	8.54	41.1	10.6	42.7	11.2	43.2	11.2	44.3	11.3	45.4	11.4
	31	29.7	7.10	35.4	9.11	41.1	11.4	42.0	11.6	42.6	11.7	43.7	11.8	44.7	11.9
	33	29.7	7.56	35.4	9.7	40.9	12.0	41.4	12.0	41.9	12.1	43.0	12.2	44.1	12.3
	35	29.7	8.04	35.4	10.3	40.2	12.4	40.7	12.5	41.3	12.5	42.4	12.7	43.4	12.8
	37	29.7	8.55	35.4	11.0	39.6	12.9	40.1	12.9	40.6	13.0	41.7	13.1	42.8	13.2
	39	29.7	9.09	35.4	11.7	38.9	13.3	39.4	13.4	40.0	13.4	41.1	13.6	42.1	13.7
100% (350)	10	27.0	4.27	32.2	5.18	37.4	6.14	40.0	6.63	42.6	7.13	47.8	8.15	50.6	8.44
	12	27.0	4.35	32.2	5.28	37.4	6.25	40.0	6.76	42.6	7.27	47.8	8.31	49.9	8.39
	14	27.0	4.42	32.2	5.37	37.4	6.37	40.0	6.89	42.6	7.41	47.8	8.46	49.3	8.35
	16	27.0	4.51	32.2	5.48	37.4	6.50	40.0	7.02	42.6	7.55	47.6	8.58	48.6	8.49
	18	27.0	4.59	32.2	5.58	37.4	6.62	40.0	7.16	42.6	7.70	47.0	8.85	48.0	8.92
	20	27.0	4.68	32.2	5.69	37.4	6.82	40.0	7.52	42.6	8.25	46.3	9.3	47.3	9.4
	21	27.0	4.72	32.2	5.75	37.4	7.07	40.0	7.79	42.6	8.55	46.0	9.5	47.0	9.6
	23	27.0	4.85	32.2	6.13	37.4	7.57	40.0	8.35	42.6	9.16	45.4	9.9	46.3	10.0
	25	27.0	5.17	32.2	6.55	37.4	8.10	40.0	8.94	42.6	9.8	44.7	10.4	45.7	10.4
	27	27.0	5.51	32.2	6.99	37.4	8.65	40.0	9.6	42.6	10.5	44.1	10.8	45.0	10.9
	29	27.0	5.87	32.2	7.46	37.4	9.24	40.0	10.2	42.4	11.1	43.4	11.2	44.4	11.3
	31	27.0	6.25	32.2	7.95	37.4	9.9	40.0	10.9	41.8	11.6	42.8	11.7	43.7	11.8
	33	27.0	6.64	32.2	8.46	37.4	10.5	40.0	11.6	41.1	12.0	42.1	12.1	43.1	12.2
	35	27.0	7.06	32.2	9.01	37.4	11.2	40.0	12.4	40.5	12.5	41.5	12.6	42.4	12.7
	37	27.0	7.50	32.2	9.6	37.4	11.9	39.3	12.8	39.8	12.9	40.8	13.0	41.8	13.1
	39	27.0	7.96	32.2	10.2	37.4	12.7	38.7	13.3	39.2	13.3	40.2	13.5	41.1	13.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (315)	10	24.3	3.82	29.0	4.61	33.7	5.45	36.0	5.88	38.3	6.32	43.0	7.22	47.7	8.13
	12	24.3	3.89	29.0	4.69	33.7	5.55	36.0	5.99	38.3	6.43	43.0	7.35	47.7	8.29
	14	24.3	3.96	29.0	4.78	33.7	5.65	36.0	6.10	38.3	6.56	43.0	7.49	47.7	8.44
	16	24.3	4.03	29.0	4.87	33.7	5.76	36.0	6.22	38.3	6.68	43.0	7.64	47.6	8.58
	18	24.3	4.10	29.0	4.96	33.7	5.87	36.0	6.34	38.3	6.82	43.0	7.79	47.0	8.85
	20	24.3	4.17	29.0	5.06	33.7	5.99	36.0	6.47	38.3	7.07	43.0	8.37	46.3	9.3
	21	24.3	4.21	29.0	5.11	33.7	6.09	36.0	6.69	38.3	7.32	43.0	8.67	46.0	9.5
	23	24.3	4.29	29.0	5.32	33.7	6.52	36.0	7.17	38.3	7.85	43.0	9.3	45.3	9.9
	25	24.3	4.52	29.0	5.68	33.7	6.97	36.0	7.67	38.3	8.40	43.0	10.0	44.7	10.4
	27	24.3	4.81	29.0	6.05	33.7	7.44	36.0	8.19	38.3	8.98	43.0	10.7	44.0	10.8
	29	24.3	5.12	29.0	6.45	33.7	7.94	36.0	8.74	38.3	9.6	42.5	11.2	43.4	11.2
	31	24.3	5.45	29.0	6.87	33.7	8.46	36.0	9.3	38.3	10.2	41.9	11.6	42.7	11.7
	33	24.3	5.78	29.0	7.31	33.7	9.02	36.0	9.9	38.3	10.9	41.2	12.0	42.1	12.1
	35	24.3	6.14	29.0	7.77	33.7	9.6	36.0	10.6	38.3	11.6	40.6	12.5	41.4	12.6
	37	24.3	6.52	29.0	8.26	33.7	10.2	36.0	11.3	38.3	12.4	39.9	12.9	40.8	13.0
	39	24.3	6.92	29.0	8.78	33.7	10.9	36.0	12.0	38.3	13.2	39.3	13.3	40.1	13.5
80% (280)	10	21.6	3.40	25.8	4.07	29.9	4.78	32.0	5.15	34.1	5.52	38.2	6.30	42.4	7.10
	12	21.6	3.45	25.8	4.14	29.9	4.86	32.0	5.24	34.1	5.62	38.2	6.42	42.4	7.23
	14	21.6	3.51	25.8	4.21	29.9	4.95	32.0	5.34	34.1	5.73	38.2	6.54	42.4	7.37
	16	21.6	3.57	25.8	4.28	29.9	5.04	32.0	5.44	34.1	5.84	38.2	6.67	42.4	7.51
	18	21.6	3.63	25.8	4.36	29.9	5.14	32.0	5.54	34.1	5.95	38.2	6.80	42.4	7.66
	20	21.6	3.69	25.8	4.44	29.9	5.24	32.0	5.65	34.1	6.07	38.2	7.05	42.4	8.19
	21	21.6	3.73	25.8	4.49	29.9	5.29	32.0	5.71	34.1	6.20	38.2	7.30	42.4	8.49
	23	21.6	3.79	25.8	4.57	29.9	5.55	32.0	6.08	34.1	6.63	38.2	7.82	42.4	9.10
	25	21.6	3.92	25.8	4.87	29.9	5.93	32.0	6.49	34.1	7.09	38.2	8.36	42.4	9.7
	27	21.6	4.17	25.8	5.19	29.9	6.32	32.0	6.93	34.1	7.57	38.2	8.94	42.4	10.4
	29	21.6	4.43	25.8	5.52	29.9	6.74	32.0	7.39	34.1	8.08	38.2	9.5	42.4	11.1
	31	21.6	4.70	25.8	5.87	29.9	7.18	32.0	7.88	34.1	8.62	38.2	10.2	41.8	11.6
	33	21.6	4.99	25.8	6.24	29.9	7.64	32.0	8.39	34.1	9.18	38.2	10.9	41.1	12.0
	35	21.6	5.29	25.8	6.63	29.9	8.13	32.0	8.93	34.1	9.8	38.2	11.6	40.4	12.5
	37	21.6	5.61	25.8	7.04	29.9	8.64	32.0	9.50	34.1	10.4	38.2	12.3	39.8	12.9
	39	21.6	5.94	25.8	7.47	29.9	9.19	32.0	10.11	34.1	11.1	38.2	13.2	39.1	13.3
70% (245)	10	18.9	2.99	22.5	3.54	26.2	4.14	28.0	4.44	29.8	4.76	33.5	5.41	37.1	6.08
	12	18.9	3.03	22.5	3.60	26.2	4.21	28.0	4.52	29.8	4.84	33.5	5.51	37.1	6.20
	14	18.9	3.08	22.5	3.66	26.2	4.28	28.0	4.60	29.8	4.93	33.5	5.61	37.1	6.31
	16	18.9	3.13	22.5	3.72	26.2	4.36	28.0	4.69	29.8	5.03	33.5	5.72	37.1	6.44
	18	18.9	3.18	22.5	3.79	26.2	4.44	28.0	4.78	29.8	5.12	33.5	5.83	37.1	6.56
	20	18.9	3.23	22.5	3.86	26.2	4.52	28.0	4.87	29.8	5.22	33.5	5.95	37.1	6.75
	21	18.9	3.26	22.5	3.89	26.2	4.57	28.0	4.91	29.8	5.27	33.5	6.04	37.1	6.99
	23	18.9	3.32	22.5	3.97	26.2	4.66	28.0	5.08	29.8	5.52	33.5	6.47	37.1	7.48
	25	18.9	3.38	22.5	4.12	26.2	4.97	28.0	5.42	29.8	5.90	33.5	6.91	37.1	8.01
	27	18.9	3.57	22.5	4.39	26.2	5.30	28.0	5.78	29.8	6.29	33.5	7.38	37.1	8.56
	29	18.9	3.79	22.5	4.66	26.2	5.64	28.0	6.16	29.8	6.71	33.5	7.87	37.1	9.14
	31	18.9	4.02	22.5	4.95	26.2	6.00	28.0	6.56	29.8	7.14	33.5	8.39	37.1	9.7
	33	18.9	4.26	22.5	5.26	26.2	6.38	28.0	6.98	29.8	7.60	33.5	8.94	37.1	10.4
	35	18.9	4.51	22.5	5.58	26.2	6.77	28.0	7.42	29.8	8.09	33.5	9.5	37.1	11.1
	37	18.9	4.77	22.5	5.92	26.2	7.19	28.0	7.88	29.8	8.60	33.5	10.1	37.1	11.8
	39	18.9	5.05	22.5	6.27	26.2	7.64	28.0	8.37	29.8	9.14	33.5	10.8	37.1	12.6
60% (210)	10	16.2	2.60	19.3	3.05	22.4	3.53	24.0	3.78	25.6	4.03	28.7	4.56	31.8	5.11
	12	16.2	2.63	19.3	3.09	22.4	3.59	24.0	3.84	25.6	4.10	28.7	4.64	31.8	5.20
	14	16.2	2.67	19.3	3.14	22.4	3.65	24.0	3.91	25.6	4.17	28.7	4.73	31.8	5.30
	16	16.2	2.71	19.3	3.19	22.4	3.71	24.0	3.97	25.6	4.25	28.7	4.81	31.8	5.40
	18	16.2	2.75	19.3	3.25	22.4	3.77	24.0	4.05	25.6	4.33	28.7	4.90	31.8	5.50
	20	16.2	2.80	19.3	3.30	22.4	3.84	24.0	4.12	25.6	4.41	28.7	5.00	31.8	5.61
	21	16.2	2.82	19.3	3.33	22.4	3.88	24.0	4.16	25.6	4.45	28.7	5.05	31.8	5.67
	23	16.2	2.87	19.3	3.39	22.4	3.95	24.0	4.24	25.6	4.53	28.7	5.25	31.8	6.03
	25	16.2	2.91	19.3	3.45	22.4	4.10	24.0	4.45	25.6	4.82	28.7	5.60	31.8	6.44
	27	16.2	3.02	19.3	3.66	22.4	4.36	24.0	4.74	25.6	5.14	28.7	5.97	31.8	6.87
	29	16.2	3.20	19.3	3.88	22.4	4.64	24.0	5.04	25.6	5.47	28.7	6.36	31.8	7.33
	31	16.2	3.39	19.3	4.12	22.4	4.93	24.0	5.36	25.6	5.81	28.7	6.77	31.8	7.81
	33	16.2	3.58	19.3	4.37	22.4	5.23	24.0	5.69	25.6	6.18	28.7	7.21	31.8	8.32
	35	16.2	3.79	19.3	4.63	22.4	5.55	24.0	6.05	25.6	6.56	28.7	7.66	31.8	8.85
	37	16.2	4.00	19.3	4.90	22.4	5.89	24.0	6.42	25.6	6.97	28.7	8.15	31.8	9.4
	39	16.2	4.23	19.3	5.18	22.4	6.24	24.0	6.81	25.6	7.40	28.7	8.66	31.8	10.0
50% (175)	10	13.5	2.23	16.1	2.58	18.7	2.96	20.0	3.15	21.3	3.35	23.9	3.76	26.5	4.19
	12	13.5	2.26	16.1	2.62	18.7	3.00	20.0	3.20	21.3	3.40	23.9	3.82	26.5	4.26
	14	13.5	2.29	16.1	2.66	18.7	3.05	20.0	3.25	21.3	3.46	23.9	3.89	26.5	4.34
	16	13.5	2.32	16.1	2.70	18.7	3.10	20.0	3.30	21.3	3.52	23.9	3.96	26.5	4.42
	18	13.5	2.35	16.1	2.74	18.7	3.15	20.0	3.36	21.3	3.58	23.9	4.03	26.5	4.50
	20	13.5	2.39	16.1	2.78	18.7	3.20	20.0	3.42	21.3	3.64	23.9	4.10	26.5	4.58
	21	13.5	2.41	16.1	2.80	18.7	3.23	20.0	3.45	21.3	3.67	23.9	4.14	26.5	4.63
	23	13.5	2.44	16.1	2.85	18.7	3.28	20.0	3.51	21.3	3.74	23.9	4.22	26.5	4.73
	25	13.5	2.48	16.1	2.90	18.7	3.34	20.0	3.58	21.3	3.85	23.9	4.43	26.5	5.05
	27	13.5	2.52	16.1	3.00	18.7	3.53	20.0	3.81	21.3	4.10	23.9	4.72	26.5	5.38
	29	13.5	2.66	16.1	3.18	18.7	3.74	20.0	4.04	21.3	4.36	23.9	5.02	26.5	5.73
	31	13.5	2.81	16.1	3.36	18.7	3.97	20.0	4.29	21.3	4.62	23.9	5.33	26.5	6.09
	33	13.5	2.97	16.1	3.56	18.7	4.20	20.0	4.55	21.3	4.91	23.9	5.66	26.5	6.48
	35	13.5	3.14	16.1	3.76	18.7	4.45	20.0	4.82	21.3	5.20	23.9	6.01	26.5	6.89
	37	13.5	3.31	16.1	3.98	18.7	4.71	20.0	5.10	21.3	5.51	23.9	6.38	26.5	7.31
	39	13.5	3.49	16.1	4.20	18.7	4.99	20.0	5.41	21.3	5.84	23.9	6.77	26.5	7.77

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ16PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	39.5	6.54	47.1	8.00	54.7	9.5	56.7	9.7	57.4	9.5	58.8	9.1	60.2	8.71
	12	39.5	6.66	47.1	8.15	54.7	9.7	55.9	9.7	56.7	9.5	58.1	9.1	59.5	8.9
	14	39.5	6.78	47.1	8.31	54.5	9.8	55.2	9.6	55.9	9.4	57.3	9.3	58.8	9.4
	16	39.5	6.92	47.1	8.47	53.8	9.8	54.5	9.7	55.2	9.7	56.6	9.8	58.0	9.9
	18	39.5	7.05	47.1	8.64	53.0	10.1	53.7	10.2	54.5	10.2	55.9	10.3	57.3	10.4
	20	39.5	7.19	47.1	9.2	52.3	10.6	53.0	10.7	53.7	10.7	55.2	10.9	56.6	11.0
	21	39.5	7.39	47.1	9.5	51.9	10.9	52.7	10.9	53.4	11.0	54.8	11.1	56.2	11.2
	23	39.5	7.92	47.1	10.2	51.2	11.4	51.9	11.4	52.6	11.5	54.1	11.6	55.5	11.7
	25	39.5	8.46	47.1	10.9	50.5	11.9	51.2	11.9	51.9	12.0	53.3	12.1	54.7	12.3
	27	39.5	9.0	47.1	11.7	49.7	12.4	50.5	12.5	51.2	12.5	52.6	12.6	54.0	12.8
	29	39.5	9.7	47.1	12.5	49.0	12.9	49.7	13.0	50.4	13.0	51.9	13.2	53.3	13.3
	31	39.5	10.3	46.9	13.2	48.3	13.4	49.0	13.5	49.7	13.5	51.1	13.7	52.5	13.8
	33	39.5	11.0	46.1	13.7	47.5	13.9	48.3	14.0	49.0	14.1	50.4	14.2	51.8	14.4
	35	39.5	11.7	45.4	14.2	46.8	14.4	47.5	14.5	48.2	14.6	49.7	14.7	51.1	14.9
	37	39.5	12.4	44.7	14.7	46.1	14.9	46.8	15.0	47.5	15.1	48.9	15.3	50.4	15.4
	39	39.5	13.2	43.9	15.3	45.4	15.4	46.1	15.5	46.8	15.6	48.2	15.8	49.6	16.0
120% (480)	10	36.4	5.97	43.5	7.30	50.5	8.68	54.0	9.4	56.5	9.8	57.8	9.4	59.1	9.0
	12	36.4	6.08	43.5	7.43	50.5	8.84	54.0	9.6	55.8	9.7	57.1	9.4	58.4	9.0
	14	36.4	6.20	43.5	7.58	50.5	9.0	54.0	9.7	55.0	9.7	56.3	9.3	57.7	9.4
	16	36.4	6.31	43.5	7.72	50.5	9.2	53.6	9.8	54.3	9.7	55.6	9.8	56.9	9.9
	18	36.4	6.44	43.5	7.88	50.5	9.5	52.9	10.1	53.6	10.2	54.9	10.3	56.2	10.4
	20	36.4	6.56	43.5	8.19	50.5	10.2	52.2	10.6	52.8	10.7	54.1	10.8	55.5	10.9
	21	36.4	6.63	43.5	8.48	50.5	10.6	51.8	10.9	52.5	10.9	53.8	11.0	55.1	11.1
	23	36.4	7.08	43.5	9.1	50.4	11.3	51.1	11.4	51.7	11.4	53.0	11.5	54.4	11.6
	25	36.4	7.56	43.5	9.7	49.7	11.8	50.3	11.9	51.0	11.9	52.3	12.0	53.6	12.2
	27	36.4	8.08	43.5	10.4	49.0	12.3	49.6	12.4	50.3	12.4	51.6	12.6	52.9	12.7
	29	36.4	8.61	43.5	11.1	48.2	12.8	48.9	12.9	49.5	12.9	50.9	13.1	52.2	13.2
	31	36.4	9.2	43.5	11.9	47.5	13.3	48.1	13.4	48.8	13.4	50.1	13.6	51.4	13.7
	33	36.4	9.8	43.5	12.6	46.8	13.8	47.4	13.9	48.1	14.0	49.4	14.1	50.7	14.2
	35	36.4	10.4	43.5	13.5	46.0	14.3	46.7	14.4	47.3	14.5	48.7	14.6	50.0	14.8
	37	36.4	11.1	43.5	14.4	45.3	14.8	46.0	14.9	46.6	15.0	47.9	15.1	49.2	15.3
	39	36.4	11.8	43.2	15.2	44.6	15.3	45.2	15.4	45.9	15.5	47.2	15.7	48.5	15.8
110% (440)	10	33.4	5.43	39.8	6.61	46.3	7.85	49.5	8.48	52.7	9.1	56.8	9.7	58.0	9.3
	12	33.4	5.52	39.8	6.73	46.3	7.99	49.5	8.64	52.7	9.3	56.1	9.6	57.3	9.3
	14	33.4	5.62	39.8	6.86	46.3	8.15	49.5	8.81	52.7	9.5	55.3	9.6	56.5	9.3
	16	33.4	5.73	39.8	6.99	46.3	8.31	49.5	9.0	52.7	9.7	54.6	9.7	55.8	9.8
	18	33.4	5.84	39.8	7.13	46.3	8.47	49.5	9.2	52.7	10.1	53.9	10.2	55.1	10.3
	20	33.4	5.95	39.8	7.27	46.3	9.0	49.5	9.9	51.9	10.6	53.1	10.7	54.3	10.8
	21	33.4	6.01	39.8	7.49	46.3	9.3	49.5	10.3	51.6	10.9	52.8	11.0	54.0	11.0
	23	33.4	6.29	39.8	8.02	46.3	10.0	49.5	11.0	50.8	11.4	52.0	11.5	53.2	11.6
	25	33.4	6.72	39.8	8.58	46.3	10.7	49.5	11.8	50.1	11.9	51.3	12.0	52.5	12.1
	27	33.4	7.17	39.8	9.2	46.3	11.4	48.8	12.3	49.4	12.4	50.6	12.5	51.8	12.6
	29	33.4	7.64	39.8	9.8	46.3	12.2	48.0	12.8	48.6	12.9	49.8	13.0	51.0	13.1
	31	33.4	8.13	39.8	10.4	46.3	13.0	47.3	13.3	47.9	13.4	49.1	13.5	50.3	13.6
	33	33.4	8.66	39.8	11.1	46.0	13.7	46.6	13.8	47.2	13.9	48.4	14.0	49.6	14.1
	35	33.4	9.2	39.8	11.8	45.2	14.2	45.8	14.3	46.4	14.4	47.6	14.5	48.9	14.6
	37	33.4	9.8	39.8	12.6	44.5	14.7	45.1	14.8	45.7	14.9	46.9	15.0	48.1	15.2
	39	33.4	10.4	39.8	13.4	43.8	15.2	44.4	15.3	45.0	15.4	46.2	15.5	47.4	15.7
100% (400)	10	30.4	4.89	36.2	5.93	42.1	7.03	45.0	7.60	47.9	8.17	53.8	9.3	56.9	9.7
	12	30.4	4.98	36.2	6.04	42.1	7.16	45.0	7.74	47.9	8.32	53.8	9.5	56.2	9.6
	14	30.4	5.07	36.2	6.15	42.1	7.30	45.0	7.89	47.9	8.48	53.8	9.7	55.4	9.6
	16	30.4	5.16	36.2	6.27	42.1	7.44	45.0	8.04	47.9	8.65	53.6	9.8	54.7	9.7
	18	30.4	5.26	36.2	6.39	42.1	7.59	45.0	8.20	47.9	8.82	52.9	10.1	54.0	10.2
	20	30.4	5.36	36.2	6.52	42.1	7.81	45.0	8.61	47.9	9.4	52.1	10.6	53.2	10.7
	21	30.4	5.41	36.2	6.58	42.1	8.09	45.0	8.9	47.9	9.8	51.8	10.9	52.9	11.0
	23	30.4	5.55	36.2	7.02	42.1	8.67	45.0	9.6	47.9	10.5	51.0	11.4	52.1	11.5
	25	30.4	5.92	36.2	7.50	42.1	9.3	45.0	10.2	47.9	11.2	50.3	11.9	51.4	12.0
	27	30.4	6.31	36.2	8.01	42.1	9.9	45.0	10.9	47.9	12.0	49.6	12.4	50.7	12.5
	29	30.4	6.72	36.2	8.54	42.1	10.6	45.0	11.7	47.7	12.8	48.8	12.9	49.9	13.0
	31	30.4	7.15	36.2	9.1	42.1	11.3	45.0	12.5	47.0	13.3	48.1	13.4	49.2	13.5
	33	30.4	7.60	36.2	9.7	42.1	12.0	45.0	13.3	46.3	13.8	47.4	13.9	48.5	14.0
	35	30.4	8.08	36.2	10.3	42.1	12.8	45.0	14.2	45.5	14.3	46.6	14.4	47.7	14.5
	37	30.4	8.59	36.2	11.0	42.1	13.7	44.3	14.7	44.8	14.8	45.9	14.9	47.0	15.0
	39	30.4	9.1	36.2	11.7	42.1	14.6	43.5	15.2	44.1	15.3	45.2	15.4	46.3	15.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (360)	10	27.3	4.38	32.6	5.28	37.9	6.24	40.5	6.73	43.1	7.23	48.4	8.26	53.7	9.3
	12	27.3	4.45	32.6	5.38	37.9	6.35	40.5	6.86	43.1	7.37	48.4	8.42	53.7	9.5
	14	27.3	4.53	32.6	5.47	37.9	6.47	40.5	6.99	43.1	7.51	48.4	8.58	53.7	9.7
	16	27.3	4.61	32.6	5.57	37.9	6.59	40.5	7.12	43.1	7.66	48.4	8.75	53.6	9.8
	18	27.3	4.69	32.6	5.68	37.9	6.72	40.5	7.26	43.1	7.81	48.4	8.9	52.8	10.1
	20	27.3	4.78	32.6	5.79	37.9	6.86	40.5	7.41	43.1	8.10	48.4	9.6	52.1	10.6
	21	27.3	4.82	32.6	5.85	37.9	6.97	40.5	7.66	43.1	8.39	48.4	9.9	51.7	10.9
	23	27.3	4.92	32.6	6.09	37.9	7.46	40.5	8.21	43.1	9.0	48.4	10.7	51.0	11.4
	25	27.3	5.18	32.6	6.50	37.9	7.98	40.5	8.78	43.1	9.6	48.4	11.4	50.3	11.9
	27	27.3	5.51	32.6	6.93	37.9	8.52	40.5	9.4	43.1	10.3	48.4	12.2	49.5	12.4
	29	27.3	5.87	32.6	7.39	37.9	9.1	40.5	10.0	43.1	11.0	47.8	12.8	48.8	12.9
	31	27.3	6.24	32.6	7.87	37.9	9.7	40.5	10.7	43.1	11.7	47.1	13.3	48.1	13.4
	33	27.3	6.62	32.6	8.37	37.9	10.3	40.5	11.4	43.1	12.5	46.4	13.8	47.4	13.9
	35	27.3	7.03	32.6	8.9	37.9	11.0	40.5	12.1	43.1	13.3	45.6	14.3	46.6	14.4
	37	27.3	7.46	32.6	9.5	37.9	11.7	40.5	12.9	43.1	14.2	44.9	14.8	45.9	14.9
	39	27.3	7.92	32.6	10.1	37.9	12.5	40.5	13.8	43.1	15.1	44.2	15.3	45.2	15.4
80% (320)	10	24.3	3.89	29.0	4.66	33.7	5.47	36.0	5.89	38.3	6.32	43.0	7.21	47.7	8.13
	12	24.3	3.95	29.0	4.74	33.7	5.57	36.0	6.00	38.3	6.44	43.0	7.35	47.7	8.28
	14	24.3	4.02	29.0	4.82	33.7	5.67	36.0	6.11	38.3	6.56	43.0	7.49	47.7	8.44
	16	24.3	4.08	29.0	4.91	33.7	5.78	36.0	6.23	38.3	6.69	43.0	7.63	47.7	8.60
	18	24.3	4.15	29.0	5.00	33.7	5.89	36.0	6.35	38.3	6.82	43.0	7.78	47.7	8.77
	20	24.3	4.23	29.0	5.09	33.7	6.00	36.0	6.47	38.3	6.95	43.0	8.07	47.7	9.4
	21	24.3	4.27	29.0	5.14	33.7	6.06	36.0	6.54	38.3	7.10	43.0	8.36	47.7	9.7
	23	24.3	4.34	29.0	5.24	33.7	6.35	36.0	6.96	38.3	7.60	43.0	9.0	47.7	10.4
	25	24.3	4.49	29.0	5.57	33.7	6.79	36.0	7.44	38.3	8.12	43.0	9.6	47.7	11.2
	27	24.3	4.77	29.0	5.94	33.7	7.24	36.0	7.94	38.3	8.67	43.0	10.2	47.7	11.9
	29	24.3	5.07	29.0	6.32	33.7	7.72	36.0	8.47	38.3	9.3	43.0	10.9	47.7	12.8
	31	24.3	5.38	29.0	6.72	33.7	8.22	36.0	9.0	38.3	9.9	43.0	11.7	47.0	13.3
	33	24.3	5.71	29.0	7.15	33.7	8.75	36.0	9.6	38.3	10.5	43.0	12.4	46.2	13.8
	35	24.3	6.06	29.0	7.59	33.7	9.3	36.0	10.2	38.3	11.2	43.0	13.3	45.5	14.3
	37	24.3	6.42	29.0	8.06	33.7	9.9	36.0	10.9	38.3	11.9	43.0	14.1	44.8	14.8
	39	24.3	6.81	29.0	8.56	33.7	10.5	36.0	11.6	38.3	12.7	43.0	15.1	44.0	15.3
70% (280)	10	21.3	3.42	25.4	4.06	29.5	4.74	31.5	5.09	33.5	5.45	37.6	6.20	41.7	6.97
	12	21.3	3.47	25.4	4.12	29.5	4.82	31.5	5.18	33.5	5.55	37.6	6.31	41.7	7.10
	14	21.3	3.53	25.4	4.19	29.5	4.90	31.5	5.27	33.5	5.65	37.6	6.43	41.7	7.23
	16	21.3	3.58	25.4	4.26	29.5	4.99	31.5	5.37	33.5	5.75	37.6	6.55	41.7	7.37
	18	21.3	3.64	25.4	4.34	29.5	5.08	31.5	5.47	33.5	5.86	37.6	6.68	41.7	7.52
	20	21.3	3.70	25.4	4.42	29.5	5.18	31.5	5.57	33.5	5.98	37.6	6.81	41.7	7.73
	21	21.3	3.73	25.4	4.46	29.5	5.23	31.5	5.63	33.5	6.04	37.6	6.92	41.7	8.00
	23	21.3	3.80	25.4	4.54	29.5	5.34	31.5	5.82	33.5	6.33	37.6	7.40	41.7	8.57
	25	21.3	3.87	25.4	4.72	29.5	5.69	31.5	6.21	33.5	6.76	37.6	7.91	41.7	9.2
	27	21.3	4.09	25.4	5.02	29.5	6.06	31.5	6.62	33.5	7.21	37.6	8.45	41.7	9.8
	29	21.3	4.34	25.4	5.34	29.5	6.46	31.5	7.05	33.5	7.68	37.6	9.0	41.7	10.5
	31	21.3	4.60	25.4	5.67	29.5	6.87	31.5	7.51	33.5	8.18	37.6	9.6	41.7	11.2
	33	21.3	4.87	25.4	6.02	29.5	7.30	31.5	7.99	33.5	8.71	37.6	10.2	41.7	11.9
	35	21.3	5.16	25.4	6.39	29.5	7.76	31.5	8.49	33.5	9.3	37.6	10.9	41.7	12.7
	37	21.3	5.46	25.4	6.78	29.5	8.24	31.5	9.0	33.5	9.8	37.6	11.6	41.7	13.5
	39	21.3	5.78	25.4	7.18	29.5	8.75	31.5	9.6	33.5	10.5	37.6	12.4	41.7	14.4
60% (240)	10	18.2	2.97	21.7	3.49	25.2	4.04	27.0	4.33	28.8	4.62	32.3	5.22	35.8	5.85
	12	18.2	3.02	21.7	3.54	25.2	4.11	27.0	4.40	28.8	4.70	32.3	5.32	35.8	5.96
	14	18.2	3.06	21.7	3.60	25.2	4.17	27.0	4.47	28.8	4.78	32.3	5.41	35.8	6.07
	16	18.2	3.11	21.7	3.66	25.2	4.25	27.0	4.55	28.8	4.87	32.3	5.51	35.8	6.18
	18	18.2	3.15	21.7	3.72	25.2	4.32	27.0	4.63	28.8	4.95	32.3	5.62	35.8	6.30
	20	18.2	3.20	21.7	3.78	25.2	4.40	27.0	4.72	28.8	5.05	32.3	5.72	35.8	6.43
	21	18.2	3.23	21.7	3.81	25.2	4.44	27.0	4.76	28.8	5.09	32.3	5.78	35.8	6.49
	23	18.2	3.28	21.7	3.88	25.2	4.52	27.0	4.85	28.8	5.19	32.3	6.01	35.8	6.90
	25	18.2	3.34	21.7	3.95	25.2	4.70	27.0	5.10	28.8	5.52	32.3	6.41	35.8	7.37
	27	18.2	3.46	21.7	4.19	25.2	5.00	27.0	5.43	28.8	5.88	32.3	6.84	35.8	7.87
	29	18.2	3.66	21.7	4.45	25.2	5.31	27.0	5.78	28.8	6.26	32.3	7.29	35.8	8.39
	31	18.2	3.88	21.7	4.72	25.2	5.64	27.0	6.14	28.8	6.66	32.3	7.76	35.8	8.9
	33	18.2	4.10	21.7	5.00	25.2	5.99	27.0	6.52	28.8	7.07	32.3	8.25	35.8	9.5
	35	18.2	4.34	21.7	5.30	25.2	6.36	27.0	6.92	28.8	7.52	32.3	8.78	35.8	10.1
	37	18.2	4.59	21.7	5.61	25.2	6.74	27.0	7.35	28.8	7.98	32.3	9.3	35.8	10.8
	39	18.2	4.84	21.7	5.94	25.2	7.14	27.0	7.79	28.8	8.47	32.3	9.9	35.8	11.5
50% (200)	10	15.2	2.56	18.1	2.96	21.0	3.39	22.5	3.61	24.0	3.84	26.9	4.31	29.8	4.80
	12	15.2	2.59	18.1	3.00	21.0	3.44	22.5	3.66	24.0	3.90	26.9	4.38	29.8	4.88
	14	15.2	2.62	18.1	3.04	21.0	3.49	22.5	3.72	24.0	3.96	26.9	4.45	29.8	4.97
	16	15.2	2.66	18.1	3.09	21.0	3.55	22.5	3.78	24.0	4.03	26.9	4.53	29.8	5.06
	18	15.2	2.70	18.1	3.14	21.0	3.60	22.5	3.85	24.0	4.10	26.9	4.61	29.8	5.15
	20	15.2	2.73	18.1	3.19	21.0	3.66	22.5	3.91	24.0	4.17	26.9	4.70	29.8	5.25
	21	15.2	2.75	18.1	3.21	21.0	3.70	22.5	3.95	24.0	4.21	26.9	4.74	29.8	5.30
	23	15.2	2.80	18.1	3.26	21.0	3.76	22.5	4.02	24.0	4.28	26.9	4.83	29.8	5.42
	25	15.2	2.84	18.1	3.32	21.0	3.83	22.5	4.10	24.0	4.41	26.9	5.07	29.8	5.78
	27	15.2	2.88	18.1	3.44	21.0	4.04	22.5	4.36	24.0	4.69	26.9	5.40	29.8	6.16
	29	15.2	3.05	18.1	3.64	21.0	4.29	22.5	4.63	24.0	4.99	26.9	5.75	29.8	6.56
	31	15.2	3.22	18.1	3.85	21.0	4.54	22.5	4.91	24.0	5.30	26.9	6.11	29.8	6.98
	33	15.2	3.40	18.1	4.08	21.0	4.81	22.5	5.21	24.0	5.62	26.9	6.49	29.8	7.42
	35	15.2	3.59	18.1	4.31	21.0	5.10	22.5	5.52	24.0	5.96	26.9	6.89	29.8	7.89
	37	15.2	3.79	18.1	4.55	21.0	5.40	22.5	5.85	24.0	6.31	26.9	7.31	29.8	8.38
	39	15.2	3.99	18.1	4.81	21.0	5.71	22.5	6.19	24.0	6.69	26.9	7.75	29.8	8.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ18PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	43.0	7.55	51.3	9.24	59.6	11.0	61.7	11.2	62.5	11.0	64.0	10.53	65.6	10.06
	12	43.0	7.69	51.3	9.42	59.6	11.2	60.9	11.2	61.7	10.9	63.2	10.46	64.8	10.30
	14	43.0	7.84	51.3	9.60	59.3	11.3	60.1	11.1	60.9	10.9	62.4	10.8	64.0	10.9
	16	43.0	7.99	51.3	9.79	58.5	11.3	59.3	11.2	60.1	11.3	61.6	11.4	63.2	11.5
	18	43.0	8.14	51.3	9.98	57.8	11.7	58.5	11.8	59.3	11.8	60.9	12.0	62.4	12.1
	20	43.0	8.31	51.3	10.63	57.0	12.3	57.7	12.4	58.5	12.4	60.1	12.5	61.6	12.7
	21	43.0	8.54	51.3	11.0	56.6	12.6	57.3	12.6	58.1	12.7	59.7	12.8	61.2	13.0
	23	43.0	9.14	51.3	11.8	55.8	13.2	56.5	13.2	57.3	13.3	58.9	13.4	60.4	13.6
	25	43.0	9.78	51.3	12.6	55.0	13.7	55.7	13.8	56.5	13.9	58.1	14.0	59.6	14.2
	27	43.0	10.44	51.3	13.5	54.2	14.3	54.9	14.4	55.7	14.5	57.3	14.6	58.8	14.8
	29	43.0	11.1	51.3	14.5	53.4	14.9	54.1	15.0	54.9	15.0	56.5	15.2	58.0	15.4
	31	43.0	11.9	51.0	15.3	52.6	15.5	53.3	15.6	54.1	15.6	55.7	15.8	57.2	16.0
	33	43.0	12.7	50.2	15.9	51.8	16.1	52.5	16.1	53.3	16.2	54.9	16.4	56.4	16.6
	35	43.0	13.5	49.4	16.5	51.0	16.6	51.8	16.7	52.5	16.8	54.1	17.0	55.6	17.2
	37	43.0	14.4	48.6	17.0	50.2	17.2	51.0	17.3	51.7	17.4	53.3	17.6	54.8	17.8
	39	43.0	15.3	47.8	17.6	49.4	17.8	50.2	17.9	50.9	18.0	52.5	18.2	54.0	18.5
120% (540)	10	39.7	6.90	47.3	8.43	55.0	10.02	58.8	10.8	61.5	11.3	62.9	10.9	64.4	10.43
	12	39.7	7.03	47.3	8.59	55.0	10.21	58.8	11.0	60.7	11.2	62.1	10.8	63.6	10.36
	14	39.7	7.16	47.3	8.75	55.0	10.41	58.8	11.2	59.9	11.2	61.3	10.7	62.8	10.8
	16	39.7	7.29	47.3	8.92	55.0	10.61	58.4	11.3	59.1	11.2	60.6	11.3	62.0	11.4
	18	39.7	7.43	47.3	9.10	55.0	11.0	57.6	11.7	58.3	11.8	59.8	11.9	61.2	12.0
	20	39.7	7.58	47.3	9.46	55.0	11.8	56.8	12.3	57.5	12.3	59.0	12.5	60.4	12.6
	21	39.7	7.66	47.3	9.79	55.0	12.2	56.4	12.6	57.1	12.6	58.6	12.7	60.0	12.9
	23	39.7	8.18	47.3	10.49	54.9	13.1	55.6	13.1	56.3	13.2	57.8	13.3	59.2	13.4
	25	39.7	8.74	47.3	11.2	54.1	13.6	54.8	13.7	55.5	13.8	57.0	13.9	58.4	14.0
	27	39.7	9.33	47.3	12.0	53.3	14.2	54.0	14.3	54.7	14.4	56.2	14.5	57.6	14.6
	29	39.7	9.95	47.3	12.8	52.5	14.8	53.2	14.9	53.9	14.9	55.4	15.1	56.8	15.2
	31	39.7	10.60	47.3	13.7	51.7	15.4	52.4	15.5	53.1	15.5	54.6	15.7	56.0	15.8
	33	39.7	11.3	47.3	14.6	50.9	16.0	51.6	16.0	52.3	16.1	53.8	16.3	55.2	16.4
	35	39.7	12.0	47.3	15.6	50.1	16.5	50.8	16.6	51.5	16.7	53.0	16.9	54.4	17.1
	37	39.7	12.8	47.3	16.6	49.3	17.1	50.0	17.2	50.8	17.3	52.2	17.5	53.6	17.7
	39	39.7	13.6	47.1	17.5	48.5	17.7	49.2	17.8	50.0	17.9	51.4	18.1	52.8	18.3
110% (495)	10	36.4	6.27	43.4	7.63	50.4	9.06	53.9	9.79	57.4	10.54	61.8	11.2	63.2	10.8
	12	36.4	6.38	43.4	7.77	50.4	9.23	53.9	9.98	57.4	10.7	61.1	11.1	62.4	10.7
	14	36.4	6.49	43.4	7.92	50.4	9.41	53.9	10.17	57.4	10.9	60.3	11.1	61.6	10.7
	16	36.4	6.62	43.4	8.07	50.4	9.59	53.9	10.37	57.4	11.2	59.5	11.2	60.8	11.3
	18	36.4	6.74	43.4	8.23	50.4	9.78	53.9	10.65	57.3	11.7	58.7	11.8	60.0	11.9
	20	36.4	6.87	43.4	8.39	50.4	10.36	53.9	11.5	56.6	12.3	57.9	12.4	59.2	12.5
	21	36.4	6.94	43.4	8.65	50.4	10.7	53.9	11.9	56.2	12.5	57.5	12.7	58.8	12.8
	23	36.4	7.26	43.4	9.26	50.4	11.5	53.9	12.7	55.4	13.1	56.7	13.2	58.0	13.3
	25	36.4	7.76	43.4	9.90	50.4	12.3	53.9	13.6	54.6	13.7	55.9	13.8	57.2	13.9
	27	36.4	8.28	43.4	10.58	50.4	13.2	53.1	14.2	53.8	14.3	55.1	14.4	56.4	14.5
	29	36.4	8.82	43.4	11.3	50.4	14.1	52.3	14.8	53.0	14.8	54.3	15.0	55.6	15.1
	31	36.4	9.39	43.4	12.0	50.4	15.0	51.5	15.4	52.2	15.4	53.5	15.6	54.8	15.7
	33	36.4	10.00	43.4	12.8	50.1	15.9	50.7	15.9	51.4	16.0	52.7	16.2	54.0	16.3
	35	36.4	10.63	43.4	13.7	49.3	16.4	49.9	16.5	50.6	16.6	51.9	16.8	53.2	16.9
	37	36.4	11.3	43.4	14.6	48.5	17.0	49.1	17.1	49.8	17.2	51.1	17.3	52.4	17.5
	39	36.4	12.0	43.4	15.5	47.7	17.6	48.3	17.7	49.0	17.8	50.3	17.9	51.6	18.1
100% (450)	10	33.1	5.65	39.4	6.85	45.8	8.12	49.0	8.77	52.2	9.43	58.6	10.8	61.9	11.2
	12	33.1	5.75	39.4	6.98	45.8	8.27	49.0	8.94	52.2	9.61	58.6	11.0	61.1	11.1
	14	33.1	5.85	39.4	7.11	45.8	8.43	49.0	9.11	52.2	9.80	58.6	11.2	60.4	11.0
	16	33.1	5.96	39.4	7.24	45.8	8.59	49.0	9.29	52.2	9.99	58.4	11.3	59.6	11.2
	18	33.1	6.07	39.4	7.38	45.8	8.76	49.0	9.47	52.2	10.19	57.6	11.7	58.8	11.8
	20	33.1	6.18	39.4	7.53	45.8	9.03	49.0	9.95	52.2	10.9	56.8	12.3	58.0	12.4
	21	33.1	6.24	39.4	7.60	45.8	9.35	49.0	10.30	52.2	11.3	56.4	12.6	57.6	12.7
	23	33.1	6.41	39.4	8.11	45.8	10.01	49.0	11.0	52.2	12.1	55.6	13.1	56.8	13.2
	25	33.1	6.84	39.4	8.66	45.8	10.71	49.0	11.8	52.2	13.0	54.8	13.7	56.0	13.8
	27	33.1	7.29	39.4	9.25	45.8	11.4	49.0	12.6	52.2	13.9	54.0	14.3	55.2	14.4
	29	33.1	7.76	39.4	9.86	45.8	12.2	49.0	13.5	52.0	14.7	53.2	14.9	54.4	15.0
	31	33.1	8.26	39.4	10.51	45.8	13.0	49.0	14.4	51.2	15.3	52.4	15.4	53.6	15.6
	33	33.1	8.78	39.4	11.2	45.8	13.9	49.0	15.4	50.4	15.9	51.6	16.0	52.8	16.2
	35	33.1	9.33	39.4	11.9	45.8	14.8	49.0	16.4	49.6	16.5	50.8	16.6	52.0	16.8
	37	33.1	9.92	39.4	12.7	45.8	15.8	48.2	17.0	48.8	17.1	50.0	17.2	51.2	17.4
	39	33.1	10.53	39.4	13.5	45.8	16.8	47.4	17.6	48.0	17.6	49.2	17.8	50.4	18.0

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (405)	10	29.8	5.06	35.5	6.10	41.2	7.20	44.1	7.77	47.0	8.35	52.7	9.54	58.4	10.8
	12	29.8	5.14	35.5	6.21	41.2	7.34	44.1	7.92	47.0	8.51	52.7	9.72	58.4	11.0
	14	29.8	5.23	35.5	6.32	41.2	7.47	44.1	8.07	47.0	8.67	52.7	9.91	58.4	11.2
	16	29.8	5.32	35.5	6.44	41.2	7.62	44.1	8.22	47.0	8.84	52.7	10.10	58.3	11.4
	18	29.8	5.42	35.5	6.56	41.2	7.76	44.1	8.38	47.0	9.02	52.7	10.30	57.5	11.7
	20	29.8	5.52	35.5	6.69	41.2	7.92	44.1	8.55	47.0	9.35	52.7	11.1	56.7	12.3
	21	29.8	5.57	35.5	6.75	41.2	8.05	44.1	8.85	47.0	9.69	52.7	11.5	56.3	12.6
	23	29.8	5.68	35.5	7.03	41.2	8.62	44.1	9.48	47.0	10.38	52.7	12.3	55.5	13.1
	25	29.8	5.98	35.5	7.51	41.2	9.22	44.1	10.14	47.0	11.1	52.7	13.2	54.8	13.7
	27	29.8	6.37	35.5	8.01	41.2	9.84	44.1	10.8	47.0	11.9	52.7	14.1	54.0	14.3
	29	29.8	6.77	35.5	8.53	41.2	10.50	44.1	11.6	47.0	12.7	52.1	14.8	53.2	14.9
	31	29.8	7.20	35.5	9.08	41.2	11.2	44.1	12.3	47.0	13.5	51.3	15.3	52.4	15.4
	33	29.8	7.65	35.5	9.67	41.2	11.9	44.1	13.1	47.0	14.4	50.5	15.9	51.6	16.0
	35	29.8	8.12	35.5	10.28	41.2	12.7	44.1	14.0	47.0	15.4	49.7	16.5	50.8	16.6
	37	29.8	8.62	35.5	10.9	41.2	13.5	44.1	14.9	47.0	16.4	48.9	17.1	50.0	17.2
	39	29.8	9.15	35.5	11.6	41.2	14.4	44.1	15.9	47.0	17.5	48.1	17.7	49.2	17.8
80% (360)	10	26.5	4.49	31.6	5.38	36.7	6.32	39.2	6.81	41.7	7.30	46.8	8.33	51.9	9.38
	12	26.5	4.56	31.6	5.47	36.7	6.43	39.2	6.93	41.7	7.44	46.8	8.49	51.9	9.56
	14	26.5	4.64	31.6	5.57	36.7	6.55	39.2	7.06	41.7	7.58	46.8	8.65	51.9	9.74
	16	26.5	4.72	31.6	5.67	36.7	6.67	39.2	7.19	41.7	7.72	46.8	8.82	51.9	9.93
	18	26.5	4.80	31.6	5.77	36.7	6.80	39.2	7.33	41.7	7.87	46.8	8.99	51.9	10.13
	20	26.5	4.88	31.6	5.88	36.7	6.93	39.2	7.48	41.7	8.03	46.8	9.32	51.9	10.8
	21	26.5	4.93	31.6	5.93	36.7	7.00	39.2	7.55	41.7	8.20	46.8	9.65	51.9	11.2
	23	26.5	5.02	31.6	6.05	36.7	7.34	39.2	8.04	41.7	8.77	46.8	10.34	51.9	12.0
	25	26.5	5.18	31.6	6.44	36.7	7.84	39.2	8.59	41.7	9.38	46.8	11.1	51.9	12.9
	27	26.5	5.51	31.6	6.86	36.7	8.36	39.2	9.17	41.7	10.02	46.8	11.8	51.9	13.8
	29	26.5	5.86	31.6	7.30	36.7	8.91	39.2	9.78	41.7	10.69	46.8	12.6	51.9	14.7
	31	26.5	6.22	31.6	7.77	36.7	9.49	39.2	10.42	41.7	11.4	46.8	13.5	51.1	15.3
	33	26.5	6.60	31.6	8.25	36.7	10.10	39.2	11.1	41.7	12.1	46.8	14.4	50.3	15.9
	35	26.5	7.00	31.6	8.77	36.7	10.7	39.2	11.8	41.7	12.9	46.8	15.3	49.6	16.5
	37	26.5	7.42	31.6	9.31	36.7	11.4	39.2	12.6	41.7	13.8	46.8	16.3	48.8	17.0
	39	26.5	7.86	31.6	9.88	36.7	12.1	39.2	13.4	41.7	14.7	46.8	17.4	48.0	17.6
70% (315)	10	23.1	3.95	27.6	4.69	32.1	5.47	34.3	5.88	36.5	6.29	41.0	7.16	45.5	8.05
	12	23.1	4.01	27.6	4.76	32.1	5.56	34.3	5.98	36.5	6.41	41.0	7.29	45.5	8.20
	14	23.1	4.07	27.6	4.84	32.1	5.66	34.3	6.09	36.5	6.52	41.0	7.42	45.5	8.35
	16	23.1	4.14	27.6	4.93	32.1	5.76	34.3	6.20	36.5	6.65	41.0	7.56	45.5	8.51
	18	23.1	4.20	27.6	5.01	32.1	5.87	34.3	6.32	36.5	6.77	41.0	7.71	45.5	8.68
	20	23.1	4.27	27.6	5.10	32.1	5.98	34.3	6.44	36.5	6.90	41.0	7.87	45.5	8.92
	21	23.1	4.31	27.6	5.15	32.1	6.04	34.3	6.50	36.5	6.97	41.0	7.99	45.5	9.24
	23	23.1	4.39	27.6	5.24	32.1	6.16	34.3	6.72	36.5	7.31	41.0	8.55	45.5	9.90
	25	23.1	4.47	27.6	5.45	32.1	6.57	34.3	7.17	36.5	7.80	41.0	9.14	45.5	10.59
	27	23.1	4.72	27.6	5.80	32.1	7.00	34.3	7.65	36.5	8.32	41.0	9.76	45.5	11.3
	29	23.1	5.01	27.6	6.17	32.1	7.46	34.3	8.15	36.5	8.87	41.0	10.41	45.5	12.1
	31	23.1	5.31	27.6	6.55	32.1	7.93	34.3	8.67	36.5	9.45	41.0	11.1	45.5	12.9
	33	23.1	5.63	27.6	6.96	32.1	8.43	34.3	9.23	36.5	10.06	41.0	11.8	45.5	13.7
	35	23.1	5.96	27.6	7.38	32.1	8.96	34.3	9.81	36.5	10.70	41.0	12.6	45.5	14.7
	37	23.1	6.31	27.6	7.83	32.1	9.52	34.3	10.42	36.5	11.4	41.0	13.4	45.5	15.6
	39	23.1	6.68	27.6	8.30	32.1	10.10	34.3	11.1	36.5	12.1	41.0	14.3	45.5	16.6
60% (270)	10	19.8	3.43	23.7	4.03	27.5	4.67	29.4	5.00	31.3	5.33	35.1	6.03	39.0	6.76
	12	19.8	3.48	23.7	4.09	27.5	4.74	29.4	5.08	31.3	5.42	35.1	6.14	39.0	6.88
	14	19.8	3.53	23.7	4.16	27.5	4.82	29.4	5.17	31.3	5.52	35.1	6.25	39.0	7.01
	16	19.8	3.59	23.7	4.23	27.5	4.90	29.4	5.26	31.3	5.62	35.1	6.37	39.0	7.14
	18	19.8	3.64	23.7	4.30	27.5	4.99	29.4	5.35	31.3	5.72	35.1	6.49	39.0	7.28
	20	19.8	3.70	23.7	4.37	27.5	5.08	29.4	5.45	31.3	5.83	35.1	6.61	39.0	7.42
	21	19.8	3.73	23.7	4.41	27.5	5.13	29.4	5.50	31.3	5.88	35.1	6.68	39.0	7.50
	23	19.8	3.79	23.7	4.48	27.5	5.22	29.4	5.60	31.3	6.00	35.1	6.94	39.0	7.97
	25	19.8	3.85	23.7	4.56	27.5	5.42	29.4	5.89	31.3	6.38	35.1	7.41	39.0	8.52
	27	19.8	3.99	23.7	4.84	27.5	5.77	29.4	6.27	31.3	6.79	35.1	7.90	39.0	9.09
	29	19.8	4.23	23.7	5.14	27.5	6.14	29.4	6.67	31.3	7.23	35.1	8.41	39.0	9.69
	31	19.8	4.48	23.7	5.45	27.5	6.52	29.4	7.09	31.3	7.69	35.1	8.96	39.0	10.33
	33	19.8	4.74	23.7	5.77	27.5	6.92	29.4	7.53	31.3	8.17	35.1	9.53	39.0	11.0
	35	19.8	5.01	23.7	6.12	27.5	7.34	29.4	8.00	31.3	8.68	35.1	10.14	39.0	11.7
	37	19.8	5.30	23.7	6.48	27.5	7.78	29.4	8.48	31.3	9.22	35.1	10.8	39.0	12.5
	39	19.8	5.59	23.7	6.86	27.5	8.25	29.4	9.00	31.3	9.78	35.1	11.5	39.0	13.3
50% (225)	10	16.5	2.95	19.7	3.42	22.9	3.91	24.5	4.17	26.1	4.43	29.3	4.97	32.5	5.54
	12	16.5	2.99	19.7	3.46	22.9	3.97	24.5	4.23	26.1	4.50	29.3	5.06	32.5	5.64
	14	16.5	3.03	19.7	3.52	22.9	4.03	24.5	4.30	26.1	4.57	29.3	5.14	32.5	5.74
	16	16.5	3.07	19.7	3.57	22.9	4.10	24.5	4.37	26.1	4.65	29.3	5.23	32.5	5.84
	18	16.5	3.11	19.7	3.62	22.9	4.16	24.5	4.44	26.1	4.73	29.3	5.33	32.5	5.95
	20	16.5	3.16	19.7	3.68	22.9	4.23	24.5	4.52	26.1	4.82	29.3	5.43	32.5	6.06
	21	16.5	3.18	19.7	3.71	22.9	4.27	24.5	4.56	26.1	4.86	29.3	5.48	32.5	6.12
	23	16.5	3.23	19.7	3.77	22.9	4.34	24.5	4.64	26.1	4.95	29.3	5.58	32.5	6.26
	25	16.5	3.28	19.7	3.83	22.9	4.42	24.5	4.74	26.1	5.10	29.3	5.86	32.5	6.68
	27	16.5	3.33	19.7	3.97	22.9	4.66	24.5	5.04	26.1	5.42	29.3	6.24	32.5	7.12
	29	16.5	3.52	19.7	4.20	22.9	4.95	24.5	5.35	26.1	5.76	29.3	6.64	32.5	7.58
	31	16.5	3.72	19.7	4.45	22.9	5.25	24.5	5.67	26.1	6.12	29.3	7.05	32.5	8.06
	33	16.5	3.93	19.7	4.71	22.9	5.56	24.5	6.02	26.1	6.49	29.3	7.49	32.5	8.57
	35	16.5	4.15	19.7	4.98	22.9	5.89	24.5	6.37	26.1	6.88	29.3	7.95	32.5	9.11
	37	16.5	4.38	19.7	5.26	22.9	6.23	24.5	6.75	26.1	7.29	29.3	8.44	32.5	9.67
	39	16.5	4.61	19.7	5.56	22.9	6.59	24.5	7.15	26.1	7.73	29.3	8.95	32.5	10.27

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ20PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	49.0	6.54	58.5	8.00	67.9	9.5	70.4	9.7	71.3	9.5	73.1	9.1	74.8	8.71
	12	49.0	6.66	58.5	8.15	67.9	9.7	69.5	9.7	70.4	9.5	72.1	9.1	73.9	8.9
	14	49.0	6.78	58.5	8.31	67.7	9.8	68.6	9.6	69.5	9.4	71.2	9.3	73.0	9.4
	16	49.0	6.92	58.5	8.47	66.8	9.8	67.7	9.7	68.6	9.7	70.3	9.8	72.1	9.9
	18	49.0	7.05	58.5	8.64	65.9	10.1	66.8	10.2	67.7	10.2	69.4	10.3	71.2	10.4
	20	49.0	7.19	58.5	9.2	65.0	10.6	65.9	10.7	66.7	10.7	68.5	10.9	70.3	11.0
	21	49.0	7.39	58.5	9.5	64.5	10.9	65.4	10.9	66.3	11.0	68.1	11.1	69.8	11.2
	23	49.0	7.92	58.5	10.2	63.6	11.4	64.5	11.4	65.4	11.5	67.1	11.6	68.9	11.7
	25	49.0	8.46	58.5	10.9	62.7	11.9	63.6	11.9	64.5	12.0	66.2	12.1	68.0	12.3
	27	49.0	9.0	58.5	11.7	61.8	12.4	62.7	12.5	63.6	12.5	65.3	12.6	67.1	12.8
	29	49.0	9.7	58.5	12.5	60.9	12.9	61.8	13.0	62.7	13.0	64.4	13.2	66.2	13.3
	31	49.0	10.3	58.2	13.2	60.0	13.4	60.9	13.5	61.7	13.5	63.5	13.7	65.3	13.8
	33	49.0	11.0	57.3	13.7	59.1	13.9	59.9	14.0	60.8	14.1	62.6	14.2	64.4	14.4
	35	49.0	11.7	56.4	14.2	58.2	14.4	59.0	14.5	59.9	14.6	61.7	14.7	63.5	14.9
	37	49.0	12.4	55.5	14.7	57.2	14.9	58.1	15.0	59.0	15.1	60.8	15.3	62.5	15.4
	39	49.0	13.2	54.6	15.3	56.3	15.4	57.2	15.5	58.1	15.6	59.9	15.8	61.6	16.0
120% (600)	10	45.3	5.97	54.0	7.30	62.7	8.68	67.1	9.4	70.2	9.8	71.8	9.4	73.4	9.0
	12	45.3	6.08	54.0	7.43	62.7	8.84	67.1	9.6	69.3	9.7	70.9	9.4	72.5	9.0
	14	45.3	6.20	54.0	7.58	62.7	9.0	67.1	9.7	68.4	9.7	70.0	9.3	71.6	9.4
	16	45.3	6.31	54.0	7.72	62.7	9.2	66.6	9.8	67.4	9.7	69.1	9.8	70.7	9.9
	18	45.3	6.44	54.0	7.88	62.7	9.5	65.7	10.1	66.5	10.2	68.2	10.3	69.8	10.4
	20	45.3	6.56	54.0	8.19	62.7	10.2	64.8	10.6	65.6	10.7	67.3	10.8	68.9	10.9
	21	45.3	6.63	54.0	8.48	62.7	10.6	64.4	10.9	65.2	10.9	66.8	11.0	68.4	11.1
	23	45.3	7.08	54.0	9.1	62.6	11.3	63.4	11.4	64.3	11.4	65.9	11.5	67.5	11.6
	25	45.3	7.56	54.0	9.7	61.7	11.8	62.5	11.9	63.4	11.9	65.0	12.0	66.6	12.2
	27	45.3	8.08	54.0	10.4	60.8	12.3	61.6	12.4	62.4	12.4	64.1	12.6	65.7	12.7
	29	45.3	8.61	54.0	11.1	59.9	12.8	60.7	12.9	61.5	12.9	63.2	13.1	64.8	13.2
	31	45.3	9.2	54.0	11.9	59.0	13.3	59.8	13.4	60.6	13.4	62.3	13.6	63.9	13.7
	33	45.3	9.8	54.0	12.6	58.1	13.8	58.9	13.9	59.7	14.0	61.3	14.1	63.0	14.2
	35	45.3	10.4	54.0	13.5	57.2	14.3	58.0	14.4	58.8	14.5	60.4	14.6	62.1	14.8
	37	45.3	11.1	54.0	14.4	56.3	14.8	57.1	14.9	57.9	15.0	59.5	15.1	61.2	15.3
	39	45.3	11.8	53.7	15.2	55.4	15.3	56.2	15.4	57.0	15.5	58.6	15.7	60.3	15.8
110% (550)	10	41.5	5.43	49.5	6.61	57.5	7.85	61.5	8.48	65.5	9.1	70.6	9.7	72.1	9.3
	12	41.5	5.52	49.5	6.73	57.5	7.99	61.5	8.64	65.5	9.3	69.6	9.6	71.1	9.3
	14	41.5	5.62	49.5	6.86	57.5	8.15	61.5	8.81	65.5	9.5	68.7	9.6	70.2	9.3
	16	41.5	5.73	49.5	6.99	57.5	8.31	61.5	9.0	65.5	9.7	67.8	9.7	69.3	9.8
	18	41.5	5.84	49.5	7.13	57.5	8.47	61.5	9.2	65.4	10.1	66.9	10.2	68.4	10.3
	20	41.5	5.95	49.5	7.27	57.5	9.0	61.5	9.9	64.5	10.6	66.0	10.7	67.5	10.8
	21	41.5	6.01	49.5	7.49	57.5	9.3	61.5	10.3	64.1	10.9	65.6	11.0	67.1	11.0
	23	41.5	6.29	49.5	8.02	57.5	10.0	61.5	11.0	63.2	11.4	64.6	11.5	66.1	11.6
	25	41.5	6.72	49.5	8.58	57.5	10.7	61.5	11.8	62.2	11.9	63.7	12.0	65.2	12.1
	27	41.5	7.17	49.5	9.2	57.5	11.4	60.6	12.3	61.3	12.4	62.8	12.5	64.3	12.6
	29	41.5	7.64	49.5	9.8	57.5	12.2	59.7	12.8	60.4	12.9	61.9	13.0	63.4	13.1
	31	41.5	8.13	49.5	10.4	57.5	13.0	58.8	13.3	59.5	13.4	61.0	13.5	62.5	13.6
	33	41.5	8.66	49.5	11.1	57.1	13.7	57.9	13.8	58.6	13.9	60.1	14.0	61.6	14.1
	35	41.5	9.2	49.5	11.8	56.2	14.2	56.9	14.3	57.7	14.4	59.2	14.5	60.7	14.6
	37	41.5	9.8	49.5	12.6	55.3	14.7	56.0	14.8	56.8	14.9	58.3	15.0	59.8	15.2
	39	41.5	10.4	49.5	13.4	54.4	15.2	55.1	15.3	55.9	15.4	57.4	15.5	58.9	15.7
100% (500)	10	37.7	4.89	45.0	5.93	52.3	7.03	55.9	7.60	59.5	8.17	66.8	9.3	70.7	9.7
	12	37.7	4.98	45.0	6.04	52.3	7.16	55.9	7.74	59.5	8.32	66.8	9.5	69.8	9.6
	14	37.7	5.07	45.0	6.15	52.3	7.30	55.9	7.89	59.5	8.48	66.8	9.7	68.8	9.6
	16	37.7	5.16	45.0	6.27	52.3	7.44	55.9	8.04	59.5	8.65	66.6	9.8	67.9	9.7
	18	37.7	5.26	45.0	6.39	52.3	7.59	55.9	8.20	59.5	8.82	65.7	10.1	67.0	10.2
	20	37.7	5.36	45.0	6.52	52.3	7.81	55.9	8.61	59.5	9.4	64.8	10.6	66.1	10.7
	21	37.7	5.41	45.0	6.58	52.3	8.09	55.9	8.9	59.5	9.8	64.3	10.9	65.7	11.0
	23	37.7	5.55	45.0	7.02	52.3	8.67	55.9	9.6	59.5	10.5	63.4	11.4	64.8	11.5
	25	37.7	5.92	45.0	7.50	52.3	9.3	55.9	10.2	59.5	11.2	62.5	11.9	63.8	12.0
	27	37.7	6.31	45.0	8.01	52.3	9.9	55.9	10.9	59.5	12.0	61.6	12.4	62.9	12.5
	29	37.7	6.72	45.0	8.54	52.3	10.6	55.9	11.7	59.3	12.8	60.7	12.9	62.0	13.0
	31	37.7	7.15	45.0	9.1	52.3	11.3	55.9	12.5	58.4	13.3	59.8	13.4	61.1	13.5
	33	37.7	7.60	45.0	9.7	52.3	12.0	55.9	13.3	57.5	13.8	58.8	13.9	60.2	14.0
	35	37.7	8.08	45.0	10.3	52.3	12.8	55.9	14.2	56.6	14.3	57.9	14.4	59.3	14.5
	37	37.7	8.59	45.0	11.0	52.3	13.7	55.0	14.7	55.7	14.8	57.0	14.9	58.4	15.0
	39	37.7	9.1	45.0	11.7	52.3	14.6	54.1	15.2	54.8	15.3	56.1	15.4	57.5	15.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (450)	10	34.0	4.38	40.5	5.28	47.0	6.24	50.3	6.73	53.6	7.23	60.1	8.26	66.7	9.3
	12	34.0	4.45	40.5	5.38	47.0	6.35	50.3	6.86	53.6	7.37	60.1	8.42	66.7	9.5
	14	34.0	4.53	40.5	5.47	47.0	6.47	50.3	6.99	53.6	7.51	60.1	8.58	66.7	9.7
	16	34.0	4.61	40.5	5.57	47.0	6.59	50.3	7.12	53.6	7.66	60.1	8.75	66.6	9.8
	18	34.0	4.69	40.5	5.68	47.0	6.72	50.3	7.26	53.6	7.81	60.1	8.9	65.6	10.1
	20	34.0	4.78	40.5	5.79	47.0	6.86	50.3	7.41	53.6	8.10	60.1	9.6	64.7	10.6
	21	34.0	4.82	40.5	5.85	47.0	6.97	50.3	7.66	53.6	8.39	60.1	9.9	64.3	10.9
	23	34.0	4.92	40.5	6.09	47.0	7.46	50.3	8.21	53.6	9.0	60.1	10.7	63.4	11.4
	25	34.0	5.18	40.5	6.50	47.0	7.98	50.3	8.78	53.6	9.6	60.1	11.4	62.5	11.9
	27	34.0	5.51	40.5	6.93	47.0	8.52	50.3	9.4	53.6	10.3	60.1	12.2	61.6	12.4
	29	34.0	5.87	40.5	7.39	47.0	9.1	50.3	10.0	53.6	11.0	59.4	12.8	60.6	12.9
	31	34.0	6.24	40.5	7.87	47.0	9.7	50.3	10.7	53.6	11.7	58.5	13.3	59.7	13.4
	33	34.0	6.62	40.5	8.37	47.0	10.3	50.3	11.4	53.6	12.5	57.6	13.8	58.8	13.9
	35	34.0	7.03	40.5	8.9	47.0	11.0	50.3	12.1	53.6	13.3	56.7	14.3	57.9	14.4
	37	34.0	7.46	40.5	9.5	47.0	11.7	50.3	12.9	53.6	14.2	55.8	14.8	57.0	14.9
	39	34.0	7.92	40.5	10.1	47.0	12.5	50.3	13.8	53.6	15.1	54.9	15.3	56.1	15.4
80% (400)	10	30.2	3.89	36.0	4.66	41.8	5.47	44.7	5.89	47.6	6.32	53.4	7.21	59.3	8.13
	12	30.2	3.95	36.0	4.74	41.8	5.57	44.7	6.00	47.6	6.44	53.4	7.35	59.3	8.28
	14	30.2	4.02	36.0	4.82	41.8	5.67	44.7	6.11	47.6	6.56	53.4	7.49	59.3	8.44
	16	30.2	4.08	36.0	4.91	41.8	5.78	44.7	6.23	47.6	6.69	53.4	7.63	59.3	8.60
	18	30.2	4.15	36.0	5.00	41.8	5.89	44.7	6.35	47.6	6.82	53.4	7.78	59.3	8.77
	20	30.2	4.23	36.0	5.09	41.8	6.00	44.7	6.47	47.6	6.95	53.4	8.07	59.3	9.4
	21	30.2	4.27	36.0	5.14	41.8	6.06	44.7	6.54	47.6	7.10	53.4	8.36	59.3	9.7
	23	30.2	4.34	36.0	5.24	41.8	6.35	44.7	6.96	47.6	7.60	53.4	9.0	59.3	10.4
	25	30.2	4.49	36.0	5.57	41.8	6.79	44.7	7.44	47.6	8.12	53.4	9.6	59.3	11.2
	27	30.2	4.77	36.0	5.94	41.8	7.24	44.7	7.94	47.6	8.67	53.4	10.2	59.3	11.9
	29	30.2	5.07	36.0	6.32	41.8	7.72	44.7	8.47	47.6	9.3	53.4	10.9	59.3	12.8
	31	30.2	5.38	36.0	6.72	41.8	8.22	44.7	9.0	47.6	9.9	53.4	11.7	58.3	13.3
	33	30.2	5.71	36.0	7.15	41.8	8.75	44.7	9.6	47.6	10.5	53.4	12.4	57.4	13.8
	35	30.2	6.06	36.0	7.59	41.8	9.3	44.7	10.2	47.6	11.2	53.4	13.3	56.5	14.3
	37	30.2	6.42	36.0	8.06	41.8	9.9	44.7	10.9	47.6	11.9	53.4	14.1	55.6	14.8
	39	30.2	6.81	36.0	8.56	41.8	10.5	44.7	11.6	47.6	12.7	53.4	15.1	54.7	15.3
70% (350)	10	26.4	3.42	31.5	4.06	36.6	4.74	39.1	5.09	41.7	5.45	46.8	6.20	51.9	6.97
	12	26.4	3.47	31.5	4.12	36.6	4.82	39.1	5.18	41.7	5.55	46.8	6.31	51.9	7.10
	14	26.4	3.53	31.5	4.19	36.6	4.90	39.1	5.27	41.7	5.65	46.8	6.43	51.9	7.23
	16	26.4	3.58	31.5	4.26	36.6	4.99	39.1	5.37	41.7	5.75	46.8	6.55	51.9	7.37
	18	26.4	3.64	31.5	4.34	36.6	5.08	39.1	5.47	41.7	5.86	46.8	6.68	51.9	7.52
	20	26.4	3.70	31.5	4.42	36.6	5.18	39.1	5.57	41.7	5.98	46.8	6.81	51.9	7.73
	21	26.4	3.73	31.5	4.46	36.6	5.23	39.1	5.63	41.7	6.04	46.8	6.92	51.9	8.00
	23	26.4	3.80	31.5	4.54	36.6	5.34	39.1	5.82	41.7	6.33	46.8	7.40	51.9	8.57
	25	26.4	3.87	31.5	4.72	36.6	5.69	39.1	6.21	41.7	6.76	46.8	7.91	51.9	9.2
	27	26.4	4.09	31.5	5.02	36.6	6.06	39.1	6.62	41.7	7.21	46.8	8.45	51.9	9.8
	29	26.4	4.34	31.5	5.34	36.6	6.46	39.1	7.05	41.7	7.68	46.8	9.0	51.9	10.5
	31	26.4	4.60	31.5	5.67	36.6	6.87	39.1	7.51	41.7	8.18	46.8	9.6	51.9	11.2
	33	26.4	4.87	31.5	6.02	36.6	7.30	39.1	7.99	41.7	8.71	46.8	10.2	51.9	11.9
	35	26.4	5.16	31.5	6.39	36.6	7.76	39.1	8.49	41.7	9.3	46.8	10.9	51.9	12.7
	37	26.4	5.46	31.5	6.78	36.6	8.24	39.1	9.0	41.7	9.8	46.8	11.6	51.9	13.5
	39	26.4	5.78	31.5	7.18	36.6	8.75	39.1	9.6	41.7	10.5	46.8	12.4	51.9	14.4
60% (300)	10	22.6	2.97	27.0	3.49	31.4	4.04	33.5	4.33	35.7	4.62	40.1	5.22	44.4	5.85
	12	22.6	3.02	27.0	3.54	31.4	4.11	33.5	4.40	35.7	4.70	40.1	5.32	44.4	5.96
	14	22.6	3.06	27.0	3.60	31.4	4.17	33.5	4.47	35.7	4.78	40.1	5.41	44.4	6.07
	16	22.6	3.11	27.0	3.66	31.4	4.25	33.5	4.55	35.7	4.87	40.1	5.51	44.4	6.18
	18	22.6	3.15	27.0	3.72	31.4	4.32	33.5	4.63	35.7	4.95	40.1	5.62	44.4	6.30
	20	22.6	3.20	27.0	3.78	31.4	4.40	33.5	4.72	35.7	5.05	40.1	5.72	44.4	6.43
	21	22.6	3.23	27.0	3.81	31.4	4.44	33.5	4.76	35.7	5.09	40.1	5.78	44.4	6.49
	23	22.6	3.28	27.0	3.88	31.4	4.52	33.5	4.85	35.7	5.19	40.1	6.01	44.4	6.90
	25	22.6	3.34	27.0	3.95	31.4	4.70	33.5	5.10	35.7	5.52	40.1	6.41	44.4	7.37
	27	22.6	3.46	27.0	4.19	31.4	5.00	33.5	5.43	35.7	5.88	40.1	6.84	44.4	7.87
	29	22.6	3.66	27.0	4.45	31.4	5.31	33.5	5.78	35.7	6.26	40.1	7.29	44.4	8.39
	31	22.6	3.88	27.0	4.72	31.4	5.64	33.5	6.14	35.7	6.66	40.1	7.76	44.4	8.9
	33	22.6	4.10	27.0	5.00	31.4	5.99	33.5	6.52	35.7	7.07	40.1	8.25	44.4	9.5
	35	22.6	4.34	27.0	5.30	31.4	6.36	33.5	6.92	35.7	7.52	40.1	8.78	44.4	10.1
	37	22.6	4.59	27.0	5.61	31.4	6.74	33.5	7.35	35.7	7.98	40.1	9.3	44.4	10.8
	39	22.6	4.84	27.0	5.94	31.4	7.14	33.5	7.79	35.7	8.47	40.1	9.9	44.4	11.5
50% (250)	10	18.9	2.56	22.5	2.96	26.1	3.39	28.0	3.61	29.8	3.84	33.4	4.31	37.0	4.80
	12	18.9	2.59	22.5	3.00	26.1	3.44	28.0	3.66	29.8	3.90	33.4	4.38	37.0	4.88
	14	18.9	2.62	22.5	3.04	26.1	3.49	28.0	3.72	29.8	3.96	33.4	4.45	37.0	4.97
	16	18.9	2.66	22.5	3.09	26.1	3.55	28.0	3.78	29.8	4.03	33.4	4.53	37.0	5.06
	18	18.9	2.70	22.5	3.14	26.1	3.60	28.0	3.85	29.8	4.10	33.4	4.61	37.0	5.15
	20	18.9	2.73	22.5	3.19	26.1	3.66	28.0	3.91	29.8	4.17	33.4	4.70	37.0	5.25
	21	18.9	2.75	22.5	3.21	26.1	3.70	28.0	3.95	29.8	4.21	33.4	4.74	37.0	5.30
	23	18.9	2.80	22.5	3.26	26.1	3.76	28.0	4.02	29.8	4.28	33.4	4.83	37.0	5.42
	25	18.9	2.84	22.5	3.32	26.1	3.83	28.0	4.10	29.8	4.41	33.4	5.07	37.0	5.78
	27	18.9	2.88	22.5	3.44	26.1	4.04	28.0	4.36	29.8	4.69	33.4	5.40	37.0	6.16
	29	18.9	3.05	22.5	3.64	26.1	4.29	28.0	4.63	29.8	4.99	33.4	5.75	37.0	6.56
	31	18.9	3.22	22.5	3.85	26.1	4.54	28.0	4.91	29.8	5.30	33.4	6.11	37.0	6.98
	33	18.9	3.40	22.5	4.08	26.1	4.81	28.0	5.21	29.8	5.62	33.4	6.49	37.0	7.42
	35	18.9	3.59	22.5	4.31	26.1	5.10	28.0	5.52	29.8	5.96	33.4	6.89	37.0	7.89
	37	18.9	3.79	22.5	4.55	26.1	5.40	28.0	5.85	29.8	6.31	33.4	7.31	37.0	8.38
	39	18.9	3.99	22.5	4.81	26.1	5.71	28.0	6.19	29.8	6.69	33.4	7.75	37.0	8.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ22PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	54.0	7.74	64.4	9.47	74.8	11.3	77.5	11.5	78.4	11.3	80.4	10.8	82.3	10.3
	12	54.0	7.88	64.4	9.65	74.8	11.5	76.5	11.4	77.4	11.2	79.4	10.7	81.3	10.6
	14	54.0	8.03	64.4	9.8	74.5	11.6	75.5	11.4	76.4	11.1	78.4	11.1	80.3	11.2
	16	54.0	8.18	64.4	10.0	73.5	11.6	74.5	11.5	75.4	11.5	77.4	11.6	79.3	11.8
	18	54.0	8.34	64.4	10.2	72.5	12.0	73.5	12.1	74.4	12.1	76.4	12.2	78.3	12.4
	20	54.0	8.51	64.4	10.9	71.5	12.6	72.5	12.7	73.4	12.7	75.4	12.8	77.3	13.0
	21	54.0	8.75	64.4	11.3	71.0	12.9	72.0	12.9	72.9	13.0	74.9	13.1	76.8	13.3
	23	54.0	9.36	64.4	12.1	70.0	13.5	71.0	13.5	71.9	13.6	73.9	13.7	75.8	13.9
	25	54.0	10.0	64.4	12.9	69.0	14.1	70.0	14.1	70.9	14.2	72.9	14.4	74.8	14.5
	27	54.0	10.7	64.4	13.9	68.0	14.7	69.0	14.7	69.9	14.8	71.9	15.0	73.8	15.1
	29	54.0	11.4	64.4	14.8	67.0	15.2	68.0	15.3	68.9	15.4	70.9	15.6	72.8	15.7
	31	54.0	12.2	64.0	15.7	66.0	15.8	67.0	15.9	67.9	16.0	69.9	16.2	71.8	16.4
	33	54.0	13.0	63.0	16.3	65.0	16.4	66.0	16.5	66.9	16.6	68.9	16.8	70.8	17.0
	35	54.0	13.8	62.0	16.9	64.0	17.0	65.0	17.1	65.9	17.2	67.9	17.4	69.8	17.6
	37	54.0	14.7	61.0	17.4	63.0	17.7	64.0	17.8	64.9	17.9	66.9	18.1	68.8	18.3
	39	54.0	15.7	60.0	18.0	62.0	18.3	63.0	18.4	63.9	18.5	65.9	18.7	67.8	18.9
120% (660)	10	49.8	7.07	59.4	8.63	69.0	10.3	73.8	11.1	77.2	11.6	79.0	11.1	80.8	10.7
	12	49.8	7.20	59.4	8.80	69.0	10.5	73.8	11.3	76.2	11.5	78.0	11.1	79.8	10.6
	14	49.8	7.33	59.4	8.96	69.0	10.7	73.8	11.5	75.2	11.4	77.0	11.0	78.8	11.1
	16	49.8	7.47	59.4	9.14	69.0	10.9	73.3	11.6	74.2	11.5	76.0	11.6	77.8	11.7
	18	49.8	7.61	59.4	9.32	69.0	11.2	72.3	12.0	73.2	12.1	75.0	12.2	76.8	12.3
	20	49.8	7.76	59.4	9.69	69.0	12.1	71.3	12.6	72.2	12.6	74.0	12.8	75.8	12.9
	21	49.8	7.84	59.4	10.0	69.0	12.5	70.8	12.9	71.7	12.9	73.5	13.1	75.3	13.2
	23	49.8	8.37	59.4	10.7	68.9	13.4	69.8	13.5	70.7	13.5	72.5	13.7	74.3	13.8
	25	49.8	8.95	59.4	11.5	67.9	14.0	68.8	14.0	69.7	14.1	71.5	14.3	73.3	14.4
	27	49.8	9.55	59.4	12.3	66.9	14.6	67.8	14.6	68.7	14.7	70.5	14.9	72.3	15.0
	29	49.8	10.2	59.4	13.1	65.9	15.2	66.8	15.2	67.7	15.3	69.5	15.5	71.3	15.6
	31	49.8	10.9	59.4	14.0	64.9	15.7	65.8	15.8	66.7	15.9	68.5	16.1	70.3	16.2
	33	49.8	11.6	59.4	15.0	63.9	16.3	64.8	16.4	65.7	16.5	67.5	16.7	69.3	16.8
	35	49.8	12.3	59.4	15.9	62.9	16.9	63.8	17.0	64.7	17.1	66.5	17.3	68.3	17.5
	37	49.8	13.1	59.4	17.0	61.9	17.5	62.8	17.6	63.7	17.7	65.5	17.9	67.3	18.1
	39	49.8	13.9	59.1	17.9	60.9	18.1	61.8	18.2	62.7	18.3	64.5	18.5	66.3	18.7
110% (605)	10	45.7	6.42	54.5	7.82	63.3	9.28	67.7	10.0	72.0	10.8	77.6	11.5	79.3	11.1
	12	45.7	6.53	54.5	7.96	63.3	9.46	67.7	10.2	72.0	11.0	76.6	11.4	78.3	11.0
	14	45.7	6.65	54.5	8.11	63.3	9.64	67.7	10.4	72.0	11.2	75.6	11.3	77.3	11.0
	16	45.7	6.78	54.5	8.27	63.3	9.8	67.7	10.6	72.0	11.4	74.6	11.5	76.3	11.6
	18	45.7	6.91	54.5	8.43	63.3	10.0	67.7	10.9	72.0	12.0	73.6	12.1	75.3	12.2
	20	45.7	7.04	54.5	8.60	63.3	10.6	67.7	11.7	71.0	12.6	72.6	12.7	74.3	12.8
	21	45.7	7.11	54.5	8.86	63.3	11.0	67.7	12.2	70.5	12.9	72.1	13.0	73.8	13.1
	23	45.7	7.44	54.5	9.49	63.3	11.8	67.7	13.0	69.5	13.4	71.1	13.6	72.8	13.7
	25	45.7	7.95	54.5	10.1	63.3	12.6	67.7	14.0	68.5	14.0	70.1	14.1	71.8	14.3
	27	45.7	8.48	54.5	10.8	63.3	13.5	66.7	14.5	67.5	14.6	69.1	14.7	70.8	14.9
	29	45.7	9.04	54.5	11.6	63.3	14.4	65.7	15.1	66.5	15.2	68.1	15.3	69.8	15.5
	31	45.7	9.62	54.5	12.3	63.3	15.4	64.7	15.7	65.5	15.8	67.1	15.9	68.8	16.1
	33	45.7	10.2	54.5	13.2	62.8	16.2	63.7	16.3	64.5	16.4	66.1	16.6	67.8	16.7
	35	45.7	10.9	54.5	14.0	61.8	16.8	62.7	16.9	63.5	17.0	65.1	17.2	66.8	17.3
	37	45.7	11.6	54.5	14.9	60.8	17.4	61.7	17.5	62.5	17.6	64.1	17.8	65.8	17.9
	39	45.7	12.3	54.5	15.9	59.8	18.0	60.6	18.1	61.5	18.2	63.1	18.4	64.8	18.6
100% (550)	10	41.5	5.79	49.5	7.02	57.5	8.32	61.5	8.99	65.5	9.66	73.5	11.0	77.7	11.4
	12	41.5	5.89	49.5	7.15	57.5	8.47	61.5	9.15	65.5	9.8	73.5	11.3	76.7	11.4
	14	41.5	5.99	49.5	7.28	57.5	8.63	61.5	9.33	65.5	10.0	73.5	11.5	75.7	11.3
	16	41.5	6.10	49.5	7.42	57.5	8.80	61.5	9.51	65.5	10.2	73.2	11.6	74.7	11.5
	18	41.5	6.22	49.5	7.56	57.5	8.97	61.5	9.70	65.5	10.4	72.2	12.0	73.7	12.1
	20	41.5	6.34	49.5	7.71	57.5	9.25	61.5	10.2	65.5	11.2	71.2	12.6	72.7	12.7
	21	41.5	6.40	49.5	7.79	57.5	9.57	61.5	10.6	65.5	11.6	70.7	12.9	72.2	13.0
	23	41.5	6.57	49.5	8.30	57.5	10.3	61.5	11.3	65.5	12.4	69.7	13.5	71.2	13.6
	25	41.5	7.01	49.5	8.87	57.5	11.0	61.5	12.1	65.5	13.3	68.7	14.0	70.2	14.2
	27	41.5	7.47	49.5	9.47	57.5	11.7	61.5	12.9	65.5	14.2	67.7	14.6	69.2	14.8
	29	41.5	7.95	49.5	10.1	57.5	12.5	61.5	13.8	65.2	15.1	66.7	15.2	68.2	15.4
	31	41.5	8.46	49.5	10.8	57.5	13.4	61.5	14.8	64.2	15.7	65.7	15.8	67.2	16.0
	33	41.5	9.00	49.5	11.5	57.5	14.2	61.5	15.8	63.2	16.3	64.7	16.4	66.2	16.6
	35	41.5	9.56	49.5	12.2	57.5	15.2	61.5	16.8	62.2	16.9	63.7	17.0	65.2	17.2
	37	41.5	10.2	49.5	13.0	57.5	16.2	60.5	17.4	61.2	17.5	62.7	17.6	64.2	17.8
	39	41.5	10.8	49.5	13.8	57.5	17.2	59.5	18.0	60.2	18.1	61.7	18.2	63.2	18.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (495)	10	37.4	5.18	44.6	6.25	51.8	7.38	55.4	7.96	58.9	8.56	66.1	9.8	73.3	11.0
	12	37.4	5.27	44.6	6.36	51.8	7.51	55.4	8.11	58.9	8.72	66.1	10.0	73.3	11.2
	14	37.4	5.36	44.6	6.48	51.8	7.65	55.4	8.26	58.9	8.88	66.1	10.2	73.3	11.4
	16	37.4	5.45	44.6	6.60	51.8	7.80	55.4	8.42	58.9	9.06	66.1	10.3	73.2	11.6
	18	37.4	5.55	44.6	6.72	51.8	7.95	55.4	8.59	58.9	9.24	66.1	10.6	72.2	12.0
	20	37.4	5.66	44.6	6.85	51.8	8.11	55.4	8.76	58.9	9.58	66.1	11.3	71.2	12.6
	21	37.4	5.71	44.6	6.92	51.8	8.25	55.4	9.07	58.9	9.9	66.1	11.8	70.7	12.9
	23	37.4	5.82	44.6	7.20	51.8	8.83	55.4	9.71	58.9	10.6	66.1	12.6	69.7	13.5
	25	37.4	6.13	44.6	7.69	51.8	9.44	55.4	10.4	58.9	11.4	66.1	13.5	68.7	14.0
	27	37.4	6.52	44.6	8.20	51.8	10.1	55.4	11.1	58.9	12.2	66.1	14.4	67.7	14.6
	29	37.4	6.94	44.6	8.74	51.8	10.8	55.4	11.8	58.9	13.0	65.4	15.1	66.7	15.2
	31	37.4	7.38	44.6	9.31	51.8	11.5	55.4	12.6	58.9	13.9	64.4	15.7	65.7	15.8
	33	37.4	7.84	44.6	9.9	51.8	12.2	55.4	13.5	58.9	14.8	63.4	16.3	64.7	16.4
	35	37.4	8.32	44.6	10.5	51.8	13.0	55.4	14.4	58.9	15.8	62.4	16.9	63.7	17.0
	37	37.4	8.83	44.6	11.2	51.8	13.9	55.4	15.3	58.9	16.8	61.4	17.5	62.7	17.6
	39	37.4	9.37	44.6	11.9	51.8	14.7	55.4	16.3	58.9	17.9	60.4	18.1	61.7	18.2
80% (440)	10	33.2	4.60	39.6	5.51	46.0	6.47	49.2	6.97	52.4	7.48	58.8	8.53	65.2	9.61
	12	33.2	4.67	39.6	5.60	46.0	6.59	49.2	7.10	52.4	7.62	58.8	8.69	65.2	9.8
	14	33.2	4.75	39.6	5.70	46.0	6.71	49.2	7.23	52.4	7.76	58.8	8.86	65.2	10.0
	16	33.2	4.83	39.6	5.80	46.0	6.83	49.2	7.37	52.4	7.91	58.8	9.03	65.2	10.2
	18	33.2	4.92	39.6	5.91	46.0	6.96	49.2	7.51	52.4	8.07	58.8	9.21	65.2	10.4
	20	33.2	5.00	39.6	6.02	46.0	7.10	49.2	7.66	52.4	8.23	58.8	9.55	65.2	11.1
	21	33.2	5.05	39.6	6.08	46.0	7.17	49.2	7.73	52.4	8.40	58.8	9.9	65.2	11.5
	23	33.2	5.14	39.6	6.20	46.0	7.52	49.2	8.23	52.4	8.99	58.8	10.6	65.2	12.3
	25	33.2	5.31	39.6	6.59	46.0	8.03	49.2	8.80	52.4	9.61	58.8	11.3	65.2	13.2
	27	33.2	5.65	39.6	7.03	46.0	8.56	49.2	9.39	52.4	10.3	58.8	12.1	65.2	14.1
	29	33.2	6.00	39.6	7.48	46.0	9.13	49.2	10.0	52.4	10.9	58.8	12.9	65.2	15.1
	31	33.2	6.37	39.6	7.95	46.0	9.72	49.2	10.7	52.4	11.7	58.8	13.8	64.2	15.7
	33	33.2	6.76	39.6	8.46	46.0	10.3	49.2	11.4	52.4	12.4	58.8	14.7	63.2	16.3
	35	33.2	7.17	39.6	8.98	46.0	11.0	49.2	12.1	52.4	13.2	58.8	15.7	62.2	16.9
	37	33.2	7.60	39.6	9.54	46.0	11.7	49.2	12.9	52.4	14.1	58.8	16.7	61.2	17.5
	39	33.2	8.05	39.6	10.1	46.0	12.4	49.2	13.7	52.4	15.0	58.8	17.8	60.2	18.1
70% (385)	10	29.1	4.04	34.7	4.80	40.3	5.60	43.1	6.02	45.8	6.45	51.4	7.33	57.0	8.24
	12	29.1	4.11	34.7	4.88	40.3	5.70	43.1	6.13	45.8	6.56	51.4	7.46	57.0	8.40
	14	29.1	4.17	34.7	4.96	40.3	5.80	43.1	6.24	45.8	6.68	51.4	7.60	57.0	8.56
	16	29.1	4.24	34.7	5.05	40.3	5.91	43.1	6.35	45.8	6.81	51.4	7.75	57.0	8.72
	18	29.1	4.31	34.7	5.13	40.3	6.01	43.1	6.47	45.8	6.94	51.4	7.90	57.0	8.89
	20	29.1	4.38	34.7	5.23	40.3	6.13	43.1	6.59	45.8	7.07	51.4	8.06	57.0	9.14
	21	29.1	4.42	34.7	5.27	40.3	6.19	43.1	6.66	45.8	7.14	51.4	8.18	57.0	9.47
	23	29.1	4.49	34.7	5.37	40.3	6.31	43.1	6.89	45.8	7.48	51.4	8.76	57.0	10.1
	25	29.1	4.57	34.7	5.59	40.3	6.73	43.1	7.35	45.8	7.99	51.4	9.36	57.0	10.8
	27	29.1	4.83	34.7	5.94	40.3	7.17	43.1	7.84	45.8	8.53	51.4	10.0	57.0	11.6
	29	29.1	5.13	34.7	6.32	40.3	7.64	43.1	8.35	45.8	9.09	51.4	10.7	57.0	12.4
	31	29.1	5.44	34.7	6.71	40.3	8.13	43.1	8.88	45.8	9.68	51.4	11.4	57.0	13.2
	33	29.1	5.77	34.7	7.13	40.3	8.64	43.1	9.45	45.8	10.3	51.4	12.1	57.0	14.1
	35	29.1	6.11	34.7	7.56	40.3	9.18	43.1	10.0	45.8	11.0	51.4	12.9	57.0	15.0
	37	29.1	6.46	34.7	8.02	40.3	9.75	43.1	10.7	45.8	11.7	51.4	13.7	57.0	16.0
	39	29.1	6.84	34.7	8.50	40.3	10.3	43.1	11.3	45.8	12.4	51.4	14.6	57.0	17.0
60% (330)	10	24.9	3.52	29.7	4.13	34.5	4.78	36.9	5.12	39.3	5.46	44.1	6.18	48.9	6.92
	12	24.9	3.57	29.7	4.19	34.5	4.86	36.9	5.20	39.3	5.56	44.1	6.29	48.9	7.05
	14	24.9	3.62	29.7	4.26	34.5	4.94	36.9	5.29	39.3	5.65	44.1	6.40	48.9	7.18
	16	24.9	3.67	29.7	4.33	34.5	5.02	36.9	5.39	39.3	5.76	44.1	6.52	48.9	7.32
	18	24.9	3.73	29.7	4.40	34.5	5.11	36.9	5.48	39.3	5.86	44.1	6.64	48.9	7.46
	20	24.9	3.79	29.7	4.47	34.5	5.20	36.9	5.58	39.3	5.97	44.1	6.77	48.9	7.60
	21	24.9	3.82	29.7	4.51	34.5	5.25	36.9	5.63	39.3	6.03	44.1	6.84	48.9	7.68
	23	24.9	3.88	29.7	4.59	34.5	5.35	36.9	5.74	39.3	6.14	44.1	7.11	48.9	8.17
	25	24.9	3.95	29.7	4.68	34.5	5.56	36.9	6.03	39.3	6.53	44.1	7.59	48.9	8.72
	27	24.9	4.09	29.7	4.96	34.5	5.91	36.9	6.42	39.3	6.96	44.1	8.09	48.9	9.31
	29	24.9	4.33	29.7	5.26	34.5	6.29	36.9	6.83	39.3	7.40	44.1	8.62	48.9	9.9
	31	24.9	4.59	29.7	5.58	34.5	6.68	36.9	7.26	39.3	7.88	44.1	9.18	48.9	10.6
	33	24.9	4.85	29.7	5.92	34.5	7.09	36.9	7.71	39.3	8.37	44.1	9.8	48.9	11.3
	35	24.9	5.13	29.7	6.27	34.5	7.52	36.9	8.19	39.3	8.89	44.1	10.4	48.9	12.0
	37	24.9	5.42	29.7	6.63	34.5	7.97	36.9	8.69	39.3	9.44	44.1	11.0	48.9	12.8
	39	24.9	5.73	29.7	7.02	34.5	8.45	36.9	9.22	39.3	10.0	44.1	11.7	48.9	13.6
50% (275)	10	20.8	3.02	24.8	3.50	28.8	4.00	30.8	4.27	32.7	4.54	36.7	5.10	40.7	5.68
	12	20.8	3.06	24.8	3.55	28.8	4.07	30.8	4.33	32.7	4.61	36.7	5.18	40.7	5.77
	14	20.8	3.10	24.8	3.60	28.8	4.13	30.8	4.40	32.7	4.69	36.7	5.27	40.7	5.88
	16	20.8	3.15	24.8	3.65	28.8	4.20	30.8	4.48	32.7	4.77	36.7	5.36	40.7	5.98
	18	20.8	3.19	24.8	3.71	28.8	4.26	30.8	4.55	32.7	4.85	36.7	5.46	40.7	6.09
	20	20.8	3.24	24.8	3.77	28.8	4.34	30.8	4.63	32.7	4.93	36.7	5.56	40.7	6.21
	21	20.8	3.26	24.8	3.80	28.8	4.37	30.8	4.67	32.7	4.98	36.7	5.61	40.7	6.27
	23	20.8	3.31	24.8	3.86	28.8	4.45	30.8	4.75	32.7	5.07	36.7	5.72	40.7	6.41
	25	20.8	3.36	24.8	3.92	28.8	4.53	30.8	4.85	32.7	5.22	36.7	6.00	40.7	6.84
	27	20.8	3.41	24.8	4.06	28.8	4.78	30.8	5.16	32.7	5.55	36.7	6.39	40.7	7.29
	29	20.8	3.61	24.8	4.31	28.8	5.07	30.8	5.48	32.7	5.90	36.7	6.80	40.7	7.76
	31	20.8	3.81	24.8	4.56	28.8	5.38	30.8	5.81	32.7	6.26	36.7	7.23	40.7	8.26
	33	20.8	4.03	24.8	4.82	28.8	5.70	30.8	6.16	32.7	6.65	36.7	7.67	40.7	8.78
	35	20.8	4.25	24.8	5.10	28.8	6.03	30.8	6.53	32.7	7.05	36.7	8.15	40.7	9.33
	37	20.8	4.48	24.8	5.39	28.8	6.38	30.8	6.92	32.7	7.47	36.7	8.65	40.7	9.9
	39	20.8	4.73	24.8	5.69	28.8	6.76	30.8	7.32	32.7	7.91	36.7	9.17	40.7	10.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ24PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	59.1	8.93	70.5	10.9	81.9	13.0	84.9	13.3	86.0	13.0	88.1	12.5	90.2	11.9
	12	59.1	9.1	70.5	11.1	81.9	13.3	83.8	13.2	84.9	12.9	87.0	12.4	89.1	12.2
	14	59.1	9.3	70.5	11.4	81.6	13.4	82.7	13.1	83.8	12.9	85.9	12.8	88.0	12.9
	16	59.1	9.4	70.5	11.6	80.5	13.4	81.6	13.3	82.7	13.3	84.8	13.4	86.9	13.6
	18	59.1	9.6	70.5	11.8	79.4	13.9	80.5	13.9	81.6	14.0	83.7	14.1	85.8	14.3
	20	59.1	9.8	70.5	12.6	78.3	14.5	79.4	14.6	80.5	14.7	82.6	14.8	84.7	15.0
	21	59.1	10.1	70.5	13.0	77.8	14.9	78.9	15.0	79.9	15.0	82.1	15.2	84.2	15.3
	23	59.1	10.8	70.5	14.0	76.7	15.6	77.8	15.6	78.8	15.7	81.0	15.9	83.1	16.0
	25	59.1	11.6	70.5	15.0	75.6	16.2	76.7	16.3	77.7	16.4	79.9	16.6	82.0	16.7
	27	59.1	12.4	70.5	16.0	74.5	16.9	75.6	17.0	76.6	17.1	78.8	17.3	80.9	17.5
	29	59.1	13.2	70.5	17.1	73.4	17.6	74.5	17.7	75.5	17.8	77.7	18.0	79.8	18.2
	31	59.1	14.1	70.2	18.1	72.3	18.3	73.4	18.4	74.4	18.5	76.6	18.7	78.7	18.9
	33	59.1	15.0	69.1	18.8	71.2	19.0	72.3	19.1	73.3	19.2	75.5	19.4	77.6	19.6
	35	59.1	16.0	68.0	19.5	70.1	19.7	71.2	19.8	72.2	19.9	74.4	20.1	76.5	20.4
	37	59.1	17.0	66.9	20.1	69.0	20.4	70.1	20.5	71.2	20.6	73.3	20.9	75.4	21.1
	39	59.1	18.1	65.8	20.8	67.9	21.1	69.0	21.2	70.1	21.3	72.2	21.6	74.3	21.8
120% (720)	10	54.6	8.16	65.1	10.0	75.6	11.9	80.9	12.8	84.6	13.3	86.6	12.8	88.5	12.3
	12	54.6	8.31	65.1	10.2	75.6	12.1	80.9	13.1	83.5	13.3	85.5	12.8	87.5	12.3
	14	54.6	8.47	65.1	10.4	75.6	12.3	80.9	13.3	82.4	13.2	84.4	12.7	86.4	12.8
	16	54.6	8.63	65.1	10.6	75.6	12.6	80.3	13.4	81.3	13.2	83.3	13.4	85.3	13.5
	18	54.6	8.79	65.1	10.8	75.6	13.0	79.2	13.9	80.2	13.9	82.2	14.0	84.2	14.2
	20	54.6	8.97	65.1	11.2	75.6	14.0	78.1	14.5	79.1	14.6	81.1	14.7	83.1	14.9
	21	54.6	9.06	65.1	11.6	75.6	14.5	77.6	14.9	78.6	14.9	80.5	15.1	82.5	15.2
	23	54.6	9.7	65.1	12.4	75.5	15.5	76.5	15.5	77.5	15.6	79.5	15.8	81.4	15.9
	25	54.6	10.3	65.1	13.3	74.4	16.1	75.4	16.2	76.4	16.3	78.4	16.5	80.3	16.6
	27	54.6	11.0	65.1	14.2	73.3	16.8	74.3	16.9	75.3	17.0	77.3	17.2	79.2	17.3
	29	54.6	11.8	65.1	15.2	72.2	17.5	73.2	17.6	74.2	17.7	76.2	17.9	78.1	18.0
	31	54.6	12.5	65.1	16.2	71.1	18.2	72.1	18.3	73.1	18.4	75.1	18.6	77.0	18.7
	33	54.6	13.4	65.1	17.3	70.0	18.9	71.0	19.0	72.0	19.1	74.0	19.3	75.9	19.5
	35	54.6	14.2	65.1	18.4	68.9	19.6	69.9	19.7	70.9	19.8	72.9	20.0	74.8	20.2
	37	54.6	15.1	65.1	19.6	67.8	20.3	68.8	20.4	69.8	20.5	71.8	20.7	73.7	20.9
	39	54.6	16.1	64.8	20.7	66.7	20.9	67.7	21.1	68.7	21.2	70.7	21.4	72.7	21.6
110% (660)	10	50.0	7.41	59.7	9.03	69.3	10.7	74.1	11.6	79.0	12.5	85.1	13.2	86.9	12.8
	12	50.0	7.54	59.7	9.2	69.3	10.9	74.1	11.8	79.0	12.7	84.0	13.2	85.8	12.7
	14	50.0	7.68	59.7	9.4	69.3	11.1	74.1	12.0	79.0	12.9	82.9	13.1	84.7	12.7
	16	50.0	7.83	59.7	9.5	69.3	11.3	74.1	12.3	79.0	13.2	81.8	13.3	83.6	13.4
	18	50.0	7.97	59.7	9.7	69.3	11.6	74.1	12.6	78.9	13.8	80.7	13.9	82.5	14.1
	20	50.0	8.13	59.7	9.9	69.3	12.3	74.1	13.5	77.8	14.5	79.6	14.6	81.4	14.7
	21	50.0	8.21	59.7	10.2	69.3	12.7	74.1	14.0	77.2	14.8	79.0	15.0	80.8	15.1
	23	50.0	8.59	59.7	11.0	69.3	13.6	74.1	15.1	76.1	15.5	77.9	15.7	79.7	15.8
	25	50.0	9.2	59.7	11.7	69.3	14.6	74.1	16.1	75.0	16.2	76.8	16.3	78.7	16.5
	27	50.0	9.8	59.7	12.5	69.3	15.6	73.0	16.8	73.9	16.9	75.8	17.0	77.6	17.2
	29	50.0	10.4	59.7	13.4	69.3	16.7	72.0	17.5	72.9	17.6	74.7	17.7	76.5	17.9
	31	50.0	11.1	59.7	14.2	69.3	17.8	70.9	18.2	71.8	18.2	73.6	18.4	75.4	18.6
	33	50.0	11.8	59.7	15.2	68.9	18.8	69.8	18.8	70.7	18.9	72.5	19.1	74.3	19.3
	35	50.0	12.6	59.7	16.2	67.8	19.4	68.7	19.5	69.6	19.6	71.4	19.8	73.2	20.0
	37	50.0	13.4	59.7	17.2	66.7	20.1	67.6	20.2	68.5	20.3	70.3	20.5	72.1	20.7
	39	50.0	14.2	59.7	18.3	65.6	20.8	66.5	20.9	67.4	21.0	69.2	21.2	71.0	21.4
100% (600)	10	45.5	6.69	54.3	8.11	63.0	9.6	67.4	10.4	71.8	11.2	80.5	12.8	85.2	13.2
	12	45.5	6.80	54.3	8.25	63.0	9.8	67.4	10.6	71.8	11.4	80.5	13.0	84.1	13.1
	14	45.5	6.92	54.3	8.41	63.0	10.0	67.4	10.8	71.8	11.6	80.5	13.2	83.0	13.1
	16	45.5	7.05	54.3	8.57	63.0	10.2	67.4	11.0	71.8	11.8	80.3	13.4	81.9	13.3
	18	45.5	7.18	54.3	8.73	63.0	10.4	67.4	11.2	71.8	12.0	79.2	13.8	80.8	14.0
	20	45.5	7.32	54.3	8.90	63.0	10.7	67.4	11.8	71.8	12.9	78.1	14.5	79.7	14.6
	21	45.5	7.39	54.3	8.99	63.0	11.1	67.4	12.2	71.8	13.4	77.5	14.9	79.2	15.0
	23	45.5	7.58	54.3	9.6	63.0	11.8	67.4	13.1	71.8	14.3	76.4	15.5	78.1	15.7
	25	45.5	8.09	54.3	10.2	63.0	12.7	67.4	14.0	71.8	15.4	75.3	16.2	77.0	16.3
	27	45.5	8.62	54.3	10.9	63.0	13.5	67.4	14.9	71.8	16.4	74.2	16.9	75.9	17.0
	29	45.5	9.2	54.3	11.7	63.0	14.5	67.4	16.0	71.5	17.4	73.1	17.6	74.8	17.7
	31	45.5	9.8	54.3	12.4	63.0	15.4	67.4	17.1	70.4	18.1	72.1	18.3	73.7	18.4
	33	45.5	10.4	54.3	13.2	63.0	16.5	67.4	18.2	69.3	18.8	71.0	19.0	72.6	19.1
	35	45.5	11.0	54.3	14.1	63.0	17.5	67.4	19.4	68.2	19.5	69.9	19.7	71.5	19.8
	37	45.5	11.7	54.3	15.0	63.0	18.7	66.3	20.1	67.1	20.2	68.8	20.4	70.4	20.5
	39	45.5	12.5	54.3	16.0	63.0	19.9	65.2	20.8	66.0	20.9	67.7	21.1	69.3	21.2

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (540)	10	40.9	5.98	48.8	7.22	56.7	8.52	60.7	9.2	64.6	9.9	72.5	11.3	80.4	12.7
	12	40.9	6.08	48.8	7.34	56.7	8.68	60.7	9.4	64.6	10.1	72.5	11.5	80.4	13.0
	14	40.9	6.19	48.8	7.48	56.7	8.84	60.7	9.5	64.6	10.3	72.5	11.7	80.4	13.2
	16	40.9	6.30	48.8	7.62	56.7	9.01	60.7	9.7	64.6	10.5	72.5	12.0	80.2	13.4
	18	40.9	6.41	48.8	7.76	56.7	9.2	60.7	9.9	64.6	10.7	72.5	12.2	79.1	13.8
	20	40.9	6.53	48.8	7.91	56.7	9.4	60.7	10.1	64.6	11.1	72.5	13.1	78.1	14.5
	21	40.9	6.59	48.8	7.99	56.7	9.5	60.7	10.5	64.6	11.5	72.5	13.6	77.5	14.9
	23	40.9	6.72	48.8	8.32	56.7	10.2	60.7	11.2	64.6	12.3	72.5	14.6	76.4	15.5
	25	40.9	7.07	48.8	8.88	56.7	10.9	60.7	12.0	64.6	13.1	72.5	15.6	75.3	16.2
	27	40.9	7.53	48.8	9.5	56.7	11.6	60.7	12.8	64.6	14.0	72.5	16.7	74.2	16.9
	29	40.9	8.01	48.8	10.1	56.7	12.4	60.7	13.7	64.6	15.0	71.6	17.5	73.1	17.6
	31	40.9	8.52	48.8	10.7	56.7	13.2	60.7	14.6	64.6	16.0	70.5	18.1	72.0	18.3
	33	40.9	9.05	48.8	11.4	56.7	14.1	60.7	15.6	64.6	17.1	69.4	18.8	70.9	19.0
	35	40.9	9.6	48.8	12.2	56.7	15.0	60.7	16.6	64.6	18.2	68.4	19.5	69.8	19.7
	37	40.9	10.2	48.8	12.9	56.7	16.0	60.7	17.7	64.6	19.4	67.3	20.2	68.7	20.4
	39	40.9	10.8	48.8	13.7	56.7	17.0	60.7	18.8	64.6	20.7	66.2	20.9	67.6	21.1
80% (480)	10	36.4	5.31	43.4	6.36	50.4	7.47	53.9	8.05	57.4	8.64	64.4	9.9	71.5	11.1
	12	36.4	5.40	43.4	6.47	50.4	7.61	53.9	8.20	57.4	8.80	64.4	10.0	71.5	11.3
	14	36.4	5.49	43.4	6.58	50.4	7.75	53.9	8.35	57.4	8.97	64.4	10.2	71.5	11.5
	16	36.4	5.58	43.4	6.70	50.4	7.89	53.9	8.51	57.4	9.1	64.4	10.4	71.5	11.8
	18	36.4	5.68	43.4	6.82	50.4	8.04	53.9	8.67	57.4	9.3	64.4	10.6	71.5	12.0
	20	36.4	5.78	43.4	6.95	50.4	8.20	53.9	8.84	57.4	9.5	64.4	11.0	71.5	12.8
	21	36.4	5.83	43.4	7.02	50.4	8.28	53.9	8.93	57.4	9.7	64.4	11.4	71.5	13.3
	23	36.4	5.94	43.4	7.15	50.4	8.68	53.9	9.5	57.4	10.4	64.4	12.2	71.5	14.2
	25	36.4	6.13	43.4	7.62	50.4	9.3	53.9	10.2	57.4	11.1	64.4	13.1	71.5	15.2
	27	36.4	6.52	43.4	8.11	50.4	9.9	53.9	10.8	57.4	11.8	64.4	14.0	71.5	16.3
	29	36.4	6.93	43.4	8.64	50.4	10.5	53.9	11.6	57.4	12.6	64.4	14.9	71.4	17.4
	31	36.4	7.36	43.4	9.2	50.4	11.2	53.9	12.3	57.4	13.5	64.4	15.9	70.4	18.1
	33	36.4	7.81	43.4	9.8	50.4	11.9	53.9	13.1	57.4	14.4	64.4	17.0	69.3	18.8
	35	36.4	8.28	43.4	10.4	50.4	12.7	53.9	14.0	57.4	15.3	64.4	18.1	68.2	19.5
	37	36.4	8.78	43.4	11.0	50.4	13.5	53.9	14.9	57.4	16.3	64.4	19.3	67.1	20.2
	39	36.4	9.3	43.4	11.7	50.4	14.4	53.9	15.8	57.4	17.3	64.4	20.6	66.0	20.9
70% (420)	10	31.8	4.67	38.0	5.54	44.1	6.47	47.2	6.95	50.2	7.45	56.4	8.46	62.5	9.5
	12	31.8	4.74	38.0	5.63	44.1	6.58	47.2	7.08	50.2	7.58	56.4	8.62	62.5	9.7
	14	31.8	4.82	38.0	5.73	44.1	6.70	47.2	7.20	50.2	7.72	56.4	8.78	62.5	9.9
	16	31.8	4.89	38.0	5.83	44.1	6.82	47.2	7.33	50.2	7.86	56.4	8.95	62.5	10.1
	18	31.8	4.97	38.0	5.93	44.1	6.94	47.2	7.47	50.2	8.01	56.4	9.1	62.5	10.3
	20	31.8	5.06	38.0	6.04	44.1	7.08	47.2	7.62	50.2	8.17	56.4	9.3	62.5	10.6
	21	31.8	5.10	38.0	6.09	44.1	7.14	47.2	7.69	50.2	8.25	56.4	9.5	62.5	10.9
	23	31.8	5.19	38.0	6.20	44.1	7.29	47.2	7.95	50.2	8.64	56.4	10.1	62.5	11.7
	25	31.8	5.28	38.0	6.45	44.1	7.78	47.2	8.49	50.2	9.2	56.4	10.8	62.5	12.5
	27	31.8	5.58	38.0	6.86	44.1	8.29	47.2	9.05	50.2	9.8	56.4	11.5	62.5	13.4
	29	31.8	5.93	38.0	7.30	44.1	8.82	47.2	9.6	50.2	10.5	56.4	12.3	62.5	14.3
	31	31.8	6.28	38.0	7.75	44.1	9.4	47.2	10.3	50.2	11.2	56.4	13.1	62.5	15.2
	33	31.8	6.66	38.0	8.23	44.1	10.0	47.2	10.9	50.2	11.9	56.4	14.0	62.5	16.3
	35	31.8	7.05	38.0	8.73	44.1	10.6	47.2	11.6	50.2	12.7	56.4	14.9	62.5	17.3
	37	31.8	7.46	38.0	9.3	44.1	11.3	47.2	12.3	50.2	13.5	56.4	15.9	62.5	18.5
	39	31.8	7.90	38.0	9.8	44.1	12.0	47.2	13.1	50.2	14.3	56.4	16.9	62.5	19.7
60% (360)	10	27.3	4.06	32.6	4.77	37.8	5.52	40.4	5.91	43.1	6.31	48.3	7.14	53.6	8.00
	12	27.3	4.12	32.6	4.84	37.8	5.61	40.4	6.01	43.1	6.42	48.3	7.26	53.6	8.14
	14	27.3	4.18	32.6	4.92	37.8	5.70	40.4	6.11	43.1	6.53	48.3	7.39	53.6	8.29
	16	27.3	4.24	32.6	5.00	37.8	5.80	40.4	6.22	43.1	6.65	48.3	7.53	53.6	8.45
	18	27.3	4.31	32.6	5.08	37.8	5.90	40.4	6.33	43.1	6.77	48.3	7.67	53.6	8.61
	20	27.3	4.38	32.6	5.17	37.8	6.01	40.4	6.45	43.1	6.89	48.3	7.82	53.6	8.78
	21	27.3	4.41	32.6	5.21	37.8	6.06	40.4	6.51	43.1	6.96	48.3	7.90	53.6	8.87
	23	27.3	4.48	32.6	5.30	37.8	6.18	40.4	6.63	43.1	7.10	48.3	8.21	53.6	9.4
	25	27.3	4.56	32.6	5.40	37.8	6.42	40.4	6.97	43.1	7.54	48.3	8.76	53.6	10.1
	27	27.3	4.72	32.6	5.72	37.8	6.83	40.4	7.42	43.1	8.03	48.3	9.3	53.6	10.8
	29	27.3	5.00	32.6	6.08	37.8	7.26	40.4	7.89	43.1	8.55	48.3	10.0	53.6	11.5
	31	27.3	5.30	32.6	6.44	37.8	7.71	40.4	8.39	43.1	9.1	48.3	10.6	53.6	12.2
	33	27.3	5.61	32.6	6.83	37.8	8.18	40.4	8.91	43.1	9.7	48.3	11.3	53.6	13.0
	35	27.3	5.93	32.6	7.24	37.8	8.68	40.4	9.5	43.1	10.3	48.3	12.0	53.6	13.9
	37	27.3	6.26	32.6	7.66	37.8	9.2	40.4	10.0	43.1	10.9	48.3	12.7	53.6	14.7
	39	27.3	6.62	32.6	8.11	37.8	9.8	40.4	10.6	43.1	11.6	48.3	13.5	53.6	15.7
50% (300)	10	22.7	3.49	27.1	4.04	31.5	4.62	33.7	4.93	35.9	5.24	40.3	5.88	44.7	6.56
	12	22.7	3.54	27.1	4.10	31.5	4.70	33.7	5.01	35.9	5.32	40.3	5.98	44.7	6.67
	14	22.7	3.58	27.1	4.16	31.5	4.77	33.7	5.09	35.9	5.41	40.3	6.09	44.7	6.79
	16	22.7	3.63	27.1	4.22	31.5	4.84	33.7	5.17	35.9	5.50	40.3	6.19	44.7	6.91
	18	22.7	3.68	27.1	4.28	31.5	4.92	33.7	5.26	35.9	5.60	40.3	6.30	44.7	7.04
	20	22.7	3.74	27.1	4.35	31.5	5.01	33.7	5.35	35.9	5.70	40.3	6.42	44.7	7.17
	21	22.7	3.76	27.1	4.39	31.5	5.05	33.7	5.39	35.9	5.75	40.3	6.48	44.7	7.24
	23	22.7	3.82	27.1	4.46	31.5	5.14	33.7	5.49	35.9	5.85	40.3	6.60	44.7	7.40
	25	22.7	3.88	27.1	4.53	31.5	5.23	33.7	5.60	35.9	6.03	40.3	6.93	44.7	7.90
	27	22.7	3.94	27.1	4.69	31.5	5.52	33.7	5.96	35.9	6.41	40.3	7.38	44.7	8.42
	29	22.7	4.17	27.1	4.97	31.5	5.86	33.7	6.33	35.9	6.81	40.3	7.85	44.7	8.96
	31	22.7	4.40	27.1	5.26	31.5	6.21	33.7	6.71	35.9	7.23	40.3	8.34	44.7	9.5
	33	22.7	4.65	27.1	5.57	31.5	6.58	33.7	7.12	35.9	7.68	40.3	8.86	44.7	10.1
	35	22.7	4.91	27.1	5.89	31.5	6.97	33.7	7.54	35.9	8.14	40.3	9.4	44.7	10.8
	37	22.7	5.18	27.1	6.22	31.5	7.37	33.7	7.99	35.9	8.63	40.3	10.0	44.7	11.4
	39	22.7	5.46	27.1	6.57	31.5	7.80	33.7	8.46	35.9	9.1	40.3	10.6	44.7	12.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ26PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	62.6	9.9	74.7	12.2	86.8	14.5	89.9	14.8	91.1	14.5	93.3	13.9	95.6	13.3
	12	62.6	10.1	74.7	12.4	86.8	14.8	88.8	14.7	89.9	14.4	92.2	13.8	94.4	13.6
	14	62.6	10.3	74.7	12.6	86.5	14.9	87.6	14.6	88.7	14.3	91.0	14.2	93.3	14.3
	16	62.6	10.5	74.7	12.9	85.3	14.9	86.4	14.8	87.6	14.8	89.8	15.0	92.1	15.1
	18	62.6	10.7	74.7	13.1	84.2	15.4	85.3	15.5	86.4	15.6	88.7	15.7	90.9	15.9
	20	62.6	10.9	74.7	14.0	83.0	16.2	84.1	16.3	85.2	16.4	87.5	16.5	89.8	16.7
	21	62.6	11.2	74.7	14.5	82.4	16.6	83.5	16.6	84.7	16.7	86.9	16.9	89.2	17.1
	23	62.6	12.0	74.7	15.5	81.2	17.3	82.4	17.4	83.5	17.5	85.8	17.7	88.0	17.9
	25	62.6	12.9	74.7	16.6	80.1	18.1	81.2	18.2	82.3	18.3	84.6	18.5	86.9	18.6
	27	62.6	13.8	74.7	17.8	78.9	18.8	80.1	18.9	81.2	19.0	83.4	19.2	85.7	19.4
	29	62.6	14.7	74.7	19.0	77.8	19.6	78.9	19.7	80.0	19.8	82.3	20.0	84.5	20.2
	31	62.6	15.7	74.3	20.1	76.6	20.4	77.7	20.5	78.9	20.6	81.1	20.8	83.4	21.0
	33	62.6	16.7	73.2	20.9	75.4	21.1	76.6	21.3	77.7	21.4	80.0	21.6	82.2	21.8
	35	62.6	17.8	72.0	21.7	74.3	21.9	75.4	22.0	76.5	22.2	78.8	22.4	81.1	22.7
	37	62.6	18.9	70.9	22.4	73.1	22.7	74.2	22.8	75.4	23.0	77.6	23.2	79.9	23.5
	39	62.6	20.2	69.7	23.2	72.0	23.5	73.1	23.6	74.2	23.8	76.5	24.0	78.7	24.3
120% (780)	10	57.8	9.1	69.0	11.1	80.1	13.2	85.7	14.3	89.6	14.9	91.7	14.3	93.8	13.7
	12	57.8	9.3	69.0	11.3	80.1	13.4	85.7	14.5	88.5	14.8	90.6	14.2	92.6	13.6
	14	57.8	9.4	69.0	11.5	80.1	13.7	85.7	14.8	87.3	14.7	89.4	14.1	91.5	14.2
	16	57.8	9.6	69.0	11.7	80.1	14.0	85.1	14.9	86.1	14.7	88.2	14.9	90.3	15.0
	18	57.8	9.8	69.0	12.0	80.1	14.5	83.9	15.4	85.0	15.5	87.1	15.6	89.2	15.8
	20	57.8	10.0	69.0	12.5	80.1	15.5	82.8	16.2	83.8	16.2	85.9	16.4	88.0	16.5
	21	57.8	10.1	69.0	12.9	80.1	16.1	82.2	16.6	83.2	16.6	85.3	16.8	87.4	16.9
	23	57.8	10.8	69.0	13.8	80.0	17.2	81.0	17.3	82.1	17.4	84.2	17.6	86.3	17.7
	25	57.8	11.5	69.0	14.8	78.8	18.0	79.9	18.1	80.9	18.1	83.0	18.3	85.1	18.5
	27	57.8	12.3	69.0	15.8	77.7	18.7	78.7	18.8	79.8	18.9	81.8	19.1	83.9	19.3
	29	57.8	13.1	69.0	16.9	76.5	19.5	77.6	19.6	78.6	19.7	80.7	19.9	82.8	20.1
	31	57.8	14.0	69.0	18.0	75.4	20.2	76.4	20.4	77.4	20.5	79.5	20.7	81.6	20.9
	33	57.8	14.9	69.0	19.2	74.2	21.0	75.2	21.1	76.3	21.2	78.4	21.4	80.4	21.7
	35	57.8	15.8	69.0	20.5	73.0	21.8	74.1	21.9	75.1	22.0	77.2	22.2	79.3	22.5
	37	57.8	16.8	69.0	21.8	71.9	22.5	72.9	22.7	74.0	22.8	76.0	23.0	78.1	23.3
	39	57.8	17.9	68.6	23.1	70.7	23.3	71.7	23.5	72.8	23.6	74.9	23.8	77.0	24.1
110% (715)	10	53.0	8.25	63.2	10.0	73.4	11.9	78.5	12.9	83.6	13.9	90.1	14.7	92.0	14.2
	12	53.0	8.40	63.2	10.2	73.4	12.2	78.5	13.1	83.6	14.1	89.0	14.7	90.9	14.1
	14	53.0	8.55	63.2	10.4	73.4	12.4	78.5	13.4	83.6	14.4	87.8	14.6	89.7	14.1
	16	53.0	8.71	63.2	10.6	73.4	12.6	78.5	13.7	83.6	14.7	86.6	14.8	88.5	14.9
	18	53.0	8.88	63.2	10.8	73.4	12.9	78.5	14.0	83.6	15.4	85.5	15.5	87.4	15.7
	20	53.0	9.1	63.2	11.1	73.4	13.6	78.5	15.1	82.4	16.1	84.3	16.3	86.2	16.4
	21	53.0	9.1	63.2	11.4	73.4	14.1	78.5	15.6	81.8	16.5	83.7	16.7	85.6	16.8
	23	53.0	9.6	63.2	12.2	73.4	15.2	78.5	16.8	80.7	17.3	82.6	17.4	84.5	17.6
	25	53.0	10.2	63.2	13.0	73.4	16.2	78.5	18.0	79.5	18.0	81.4	18.2	83.3	18.3
	27	53.0	10.9	63.2	13.9	73.4	17.4	77.4	18.7	78.3	18.8	80.2	19.0	82.2	19.1
	29	53.0	11.6	63.2	14.9	73.4	18.5	76.2	19.5	77.2	19.5	79.1	19.7	81.0	19.9
	31	53.0	12.4	63.2	15.9	73.4	19.8	75.1	20.2	76.0	20.3	77.9	20.5	79.8	20.7
	33	53.0	13.2	63.2	16.9	72.9	20.9	73.9	21.0	74.9	21.1	76.8	21.3	78.7	21.5
	35	53.0	14.0	63.2	18.0	71.8	21.6	72.7	21.7	73.7	21.9	75.6	22.1	77.5	22.3
	37	53.0	14.9	63.2	19.2	70.6	22.4	71.6	22.5	72.5	22.6	74.4	22.8	76.4	23.1
	39	53.0	15.8	63.2	20.4	69.5	23.2	70.4	23.3	71.4	23.4	73.3	23.6	75.2	23.9
100% (650)	10	48.2	7.44	57.5	9.0	66.8	10.7	71.4	11.6	76.0	12.4	85.3	14.2	90.3	14.7
	12	48.2	7.57	57.5	9.2	66.8	10.9	71.4	11.8	76.0	12.7	85.3	14.5	89.1	14.6
	14	48.2	7.71	57.5	9.4	66.8	11.1	71.4	12.0	76.0	12.9	85.3	14.7	87.9	14.5
	16	48.2	7.85	57.5	9.5	66.8	11.3	71.4	12.2	76.0	13.2	85.0	14.9	86.8	14.8
	18	48.2	7.99	57.5	9.7	66.8	11.5	71.4	12.5	76.0	13.4	83.9	15.4	85.6	15.5
	20	48.2	8.15	57.5	9.9	66.8	11.9	71.4	13.1	76.0	14.4	82.7	16.2	84.5	16.3
	21	48.2	8.22	57.5	10.0	66.8	12.3	71.4	13.6	76.0	14.9	82.1	16.5	83.9	16.7
	23	48.2	8.44	57.5	10.7	66.8	13.2	71.4	14.5	76.0	16.0	81.0	17.3	82.7	17.4
	25	48.2	9.0	57.5	11.4	66.8	14.1	71.4	15.6	76.0	17.1	79.8	18.1	81.6	18.2
	27	48.2	9.6	57.5	12.2	66.8	15.1	71.4	16.6	76.0	18.3	78.7	18.8	80.4	19.0
	29	48.2	10.2	57.5	13.0	66.8	16.1	71.4	17.8	75.8	19.4	77.5	19.6	79.2	19.7
	31	48.2	10.9	57.5	13.8	66.8	17.2	71.4	19.0	74.6	20.2	76.3	20.3	78.1	20.5
	33	48.2	11.6	57.5	14.7	66.8	18.3	71.4	20.3	73.4	20.9	75.2	21.1	76.9	21.3
	35	48.2	12.3	57.5	15.7	66.8	19.5	71.4	21.6	72.3	21.7	74.0	21.9	75.7	22.1
	37	48.2	13.1	57.5	16.7	66.8	20.8	70.2	22.4	71.1	22.5	72.8	22.7	74.6	22.9
	39	48.2	13.9	57.5	17.8	66.8	22.2	69.1	23.1	69.9	23.2	71.7	23.4	73.4	23.7

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (585)	10	43.4	6.66	51.7	8.03	60.1	9.5	64.3	10.2	68.4	11.0	76.8	12.6	85.2	14.2
	12	43.4	6.78	51.7	8.18	60.1	9.7	64.3	10.4	68.4	11.2	76.8	12.8	85.2	14.4
	14	43.4	6.89	51.7	8.33	60.1	9.8	64.3	10.6	68.4	11.4	76.8	13.1	85.2	14.7
	16	43.4	7.01	51.7	8.48	60.1	10.0	64.3	10.8	68.4	11.6	76.8	13.3	85.0	15.0
	18	43.4	7.14	51.7	8.64	60.1	10.2	64.3	11.0	68.4	11.9	76.8	13.6	83.8	15.4
	20	43.4	7.27	51.7	8.81	60.1	10.4	64.3	11.3	68.4	12.3	76.8	14.6	82.7	16.2
	21	43.4	7.34	51.7	8.89	60.1	10.6	64.3	11.7	68.4	12.8	76.8	15.1	82.1	16.5
	23	43.4	7.48	51.7	9.3	60.1	11.4	64.3	12.5	68.4	13.7	76.8	16.2	80.9	17.3
	25	43.4	7.88	51.7	9.9	60.1	12.1	64.3	13.4	68.4	14.6	76.8	17.4	79.8	18.1
	27	43.4	8.39	51.7	10.5	60.1	13.0	64.3	14.3	68.4	15.6	76.8	18.6	78.6	18.8
	29	43.4	8.92	51.7	11.2	60.1	13.8	64.3	15.2	68.4	16.7	75.9	19.4	77.5	19.6
	31	43.4	9.5	51.7	12.0	60.1	14.7	64.3	16.2	68.4	17.8	74.7	20.2	76.3	20.3
	33	43.4	10.1	51.7	12.7	60.1	15.7	64.3	17.3	68.4	19.0	73.6	20.9	75.1	21.1
	35	43.4	10.7	51.7	13.5	60.1	16.7	64.3	18.5	68.4	20.3	72.4	21.7	74.0	21.9
	37	43.4	11.4	51.7	14.4	60.1	17.8	64.3	19.7	68.4	21.6	71.2	22.5	72.8	22.7
	39	43.4	12.0	51.7	15.3	60.1	19.0	64.3	20.9	68.4	23.0	70.1	23.2	71.7	23.4
80% (520)	10	38.5	5.91	46.0	7.08	53.4	8.32	57.1	8.96	60.8	9.6	68.3	11.0	75.7	12.4
	12	38.5	6.01	46.0	7.20	53.4	8.47	57.1	9.1	60.8	9.8	68.3	11.2	75.7	12.6
	14	38.5	6.11	46.0	7.33	53.4	8.62	57.1	9.3	60.8	10.0	68.3	11.4	75.7	12.8
	16	38.5	6.21	46.0	7.46	53.4	8.79	57.1	9.5	60.8	10.2	68.3	11.6	75.7	13.1
	18	38.5	6.32	46.0	7.60	53.4	8.95	57.1	9.7	60.8	10.4	68.3	11.8	75.7	13.3
	20	38.5	6.43	46.0	7.74	53.4	9.1	57.1	9.8	60.8	10.6	68.3	12.3	75.7	14.3
	21	38.5	6.49	46.0	7.81	53.4	9.2	57.1	9.9	60.8	10.8	68.3	12.7	75.7	14.8
	23	38.5	6.61	46.0	7.97	53.4	9.7	57.1	10.6	60.8	11.6	68.3	13.6	75.7	15.9
	25	38.5	6.82	46.0	8.48	53.4	10.3	57.1	11.3	60.8	12.4	68.3	14.6	75.7	17.0
	27	38.5	7.26	46.0	9.0	53.4	11.0	57.1	12.1	60.8	13.2	68.3	15.6	75.7	18.2
	29	38.5	7.71	46.0	9.6	53.4	11.7	57.1	12.9	60.8	14.1	68.3	16.6	75.7	19.4
	31	38.5	8.19	46.0	10.2	53.4	12.5	57.1	13.7	60.8	15.0	68.3	17.8	74.5	20.2
	33	38.5	8.69	46.0	10.9	53.4	13.3	57.1	14.6	60.8	16.0	68.3	18.9	73.4	20.9
	35	38.5	9.2	46.0	11.5	53.4	14.2	57.1	15.6	60.8	17.0	68.3	20.2	72.2	21.7
	37	38.5	9.8	46.0	12.3	53.4	15.1	57.1	16.6	60.8	18.1	68.3	21.5	71.0	22.5
	39	38.5	10.4	46.0	13.0	53.4	16.0	57.1	17.6	60.8	19.3	68.3	22.9	69.9	23.2
70% (455)	10	33.7	5.20	40.2	6.17	46.7	7.20	50.0	7.74	53.2	8.29	59.7	9.4	66.2	10.6
	12	33.7	5.28	40.2	6.27	46.7	7.33	50.0	7.88	53.2	8.44	59.7	9.6	66.2	10.8
	14	33.7	5.36	40.2	6.38	46.7	7.46	50.0	8.02	53.2	8.59	59.7	9.8	66.2	11.0
	16	33.7	5.45	40.2	6.49	46.7	7.59	50.0	8.17	53.2	8.75	59.7	10.0	66.2	11.2
	18	33.7	5.54	40.2	6.60	46.7	7.73	50.0	8.32	53.2	8.92	59.7	10.2	66.2	11.4
	20	33.7	5.63	40.2	6.72	46.7	7.88	50.0	8.48	53.2	9.1	59.7	10.4	66.2	11.8
	21	33.7	5.68	40.2	6.78	46.7	7.95	50.0	8.56	53.2	9.2	59.7	10.5	66.2	12.2
	23	33.7	5.78	40.2	6.91	46.7	8.12	50.0	8.85	53.2	9.6	59.7	11.3	66.2	13.0
	25	33.7	5.88	40.2	7.18	46.7	8.66	50.0	9.4	53.2	10.3	59.7	12.0	66.2	13.9
	27	33.7	6.22	40.2	7.64	46.7	9.2	50.0	10.1	53.2	11.0	59.7	12.9	66.2	14.9
	29	33.7	6.60	40.2	8.13	46.7	9.8	50.0	10.7	53.2	11.7	59.7	13.7	66.2	15.9
	31	33.7	7.00	40.2	8.63	46.7	10.4	50.0	11.4	53.2	12.4	59.7	14.6	66.2	17.0
	33	33.7	7.41	40.2	9.2	46.7	11.1	50.0	12.2	53.2	13.2	59.7	15.6	66.2	18.1
	35	33.7	7.85	40.2	9.7	46.7	11.8	50.0	12.9	53.2	14.1	59.7	16.6	66.2	19.3
	37	33.7	8.31	40.2	10.3	46.7	12.5	50.0	13.7	53.2	15.0	59.7	17.7	66.2	20.6
	39	33.7	8.79	40.2	10.9	46.7	13.3	50.0	14.6	53.2	15.9	59.7	18.8	66.2	21.9
60% (390)	10	28.9	4.52	34.5	5.31	40.1	6.14	42.8	6.58	45.6	7.02	51.2	7.95	56.8	8.90
	12	28.9	4.59	34.5	5.39	40.1	6.24	42.8	6.69	45.6	7.15	51.2	8.09	56.8	9.1
	14	28.9	4.65	34.5	5.48	40.1	6.35	42.8	6.80	45.6	7.27	51.2	8.23	56.8	9.2
	16	28.9	4.72	34.5	5.56	40.1	6.46	42.8	6.92	45.6	7.40	51.2	8.38	56.8	9.4
	18	28.9	4.80	34.5	5.66	40.1	6.57	42.8	7.05	45.6	7.54	51.2	8.54	56.8	9.6
	20	28.9	4.87	34.5	5.75	40.1	6.69	42.8	7.18	45.6	7.68	51.2	8.71	56.8	9.8
	21	28.9	4.91	34.5	5.80	40.1	6.75	42.8	7.24	45.6	7.75	51.2	8.79	56.8	9.9
	23	28.9	4.99	34.5	5.90	40.1	6.88	42.8	7.38	45.6	7.90	51.2	9.1	56.8	10.5
	25	28.9	5.07	34.5	6.01	40.1	7.14	42.8	7.76	45.6	8.40	51.2	9.8	56.8	11.2
	27	28.9	5.26	34.5	6.37	40.1	7.60	42.8	8.26	45.6	8.94	51.2	10.4	56.8	12.0
	29	28.9	5.57	34.5	6.77	40.1	8.08	42.8	8.79	45.6	9.5	51.2	11.1	56.8	12.8
	31	28.9	5.90	34.5	7.18	40.1	8.58	42.8	9.3	45.6	10.1	51.2	11.8	56.8	13.6
	33	28.9	6.24	34.5	7.61	40.1	9.1	42.8	9.9	45.6	10.8	51.2	12.6	56.8	14.5
	35	28.9	6.60	34.5	8.06	40.1	9.7	42.8	10.5	45.6	11.4	51.2	13.4	56.8	15.4
	37	28.9	6.97	34.5	8.53	40.1	10.3	42.8	11.2	45.6	12.1	51.2	14.2	56.8	16.4
	39	28.9	7.37	34.5	9.0	40.1	10.9	42.8	11.9	45.6	12.9	51.2	15.1	56.8	17.5
50% (325)	10	24.1	3.89	28.7	4.50	33.4	5.15	35.7	5.49	38.0	5.83	42.7	6.55	47.3	7.30
	12	24.1	3.94	28.7	4.56	33.4	5.23	35.7	5.57	38.0	5.93	42.7	6.66	47.3	7.42
	14	24.1	3.99	28.7	4.63	33.4	5.31	35.7	5.66	38.0	6.03	42.7	6.78	47.3	7.56
	16	24.1	4.04	28.7	4.70	33.4	5.39	35.7	5.76	38.0	6.13	42.7	6.89	47.3	7.69
	18	24.1	4.10	28.7	4.77	33.4	5.48	35.7	5.85	38.0	6.23	42.7	7.02	47.3	7.84
	20	24.1	4.16	28.7	4.84	33.4	5.57	35.7	5.95	38.0	6.34	42.7	7.15	47.3	7.98
	21	24.1	4.19	28.7	4.88	33.4	5.62	35.7	6.00	38.0	6.40	42.7	7.21	47.3	8.06
	23	24.1	4.25	28.7	4.96	33.4	5.72	35.7	6.11	38.0	6.52	42.7	7.35	47.3	8.24
	25	24.1	4.32	28.7	5.05	33.4	5.82	35.7	6.24	38.0	6.71	42.7	7.72	47.3	8.79
	27	24.1	4.39	28.7	5.23	33.4	6.14	35.7	6.63	38.0	7.14	42.7	8.22	47.3	9.4
	29	24.1	4.64	28.7	5.54	33.4	6.52	35.7	7.04	38.0	7.59	42.7	8.74	47.3	10.0
	31	24.1	4.90	28.7	5.86	33.4	6.91	35.7	7.47	38.0	8.05	42.7	9.3	47.3	10.6
	33	24.1	5.18	28.7	6.20	33.4	7.32	35.7	7.92	38.0	8.55	42.7	9.9	47.3	11.3
	35	24.1	5.46	28.7	6.56	33.4	7.76	35.7	8.40	38.0	9.1	42.7	10.5	47.3	12.0
	37	24.1	5.76	28.7	6.93	33.4	8.21	35.7	8.89	38.0	9.6	42.7	11.1	47.3	12.7
	39	24.1	6.08	28.7	7.32	33.4	8.69	35.7	9.4	38.0	10.2	42.7	11.8	47.3	13.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ28PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	67.6	11.2	80.6	13.7	93.6	16.3	97.0	16.6	98	16.3	101	15.6	103	14.9
	12	67.6	11.4	80.6	14.0	93.6	16.6	95.7	16.5	96.9	16.2	99	15.5	102	15.3
	14	67.6	11.6	80.6	14.2	93.3	16.8	94.5	16.5	95.7	16.1	98	16.0	101	16.1
	16	67.6	11.8	80.6	14.5	92.0	16.7	93.2	16.6	94.4	16.7	96.9	16.8	99	17.0
	18	67.6	12.1	80.6	14.8	90.8	17.4	92.0	17.5	93.2	17.5	95.6	17.7	98	17.9
	20	67.6	12.3	80.6	15.8	89.5	18.2	90.7	18.3	91.9	18.4	94.4	18.6	96.8	18.8
	21	67.6	12.7	80.6	16.3	88.9	18.6	90.1	18.7	91.3	18.8	93.7	19.0	96.2	19.2
	23	67.6	13.5	80.6	17.5	87.6	19.5	88.8	19.6	90.1	19.7	92.5	19.9	94.9	20.1
	25	67.6	14.5	80.6	18.7	86.4	20.3	87.6	20.4	88.8	20.6	91.2	20.8	93.7	21.0
	27	67.6	15.5	80.6	20.0	85.1	21.2	86.3	21.3	87.6	21.4	90.0	21.6	92.4	21.9
	29	67.6	16.5	80.6	21.4	83.9	22.1	85.1	22.2	86.3	22.3	88.7	22.5	91.2	22.8
	31	67.6	17.6	80.2	22.7	82.6	22.9	83.8	23.0	85.0	23.2	87.5	23.4	89.9	23.7
	33	67.6	18.8	78.9	23.5	81.4	23.8	82.6	23.9	83.8	24.0	86.2	24.3	88.7	24.6
	35	67.6	20.0	77.7	24.4	80.1	24.7	81.3	24.8	82.5	24.9	85.0	25.2	87.4	25.5
	37	67.6	21.3	76.4	25.2	78.9	25.5	80.1	25.7	81.3	25.8	83.7	26.1	86.2	26.4
	39	67.6	22.7	75.2	26.1	77.6	26.4	78.8	26.6	80.0	26.7	82.5	27.0	84.9	27.3
120% (840)	10	62.4	10.2	74.4	12.5	86.4	14.8	92.4	16.1	96.7	16.7	99	16.1	101	15.5
	12	62.4	10.4	74.4	12.7	86.4	15.1	92.4	16.4	95.4	16.6	97.7	16.0	100	15.4
	14	62.4	10.6	74.4	13.0	86.4	15.4	92.4	16.7	94.2	16.6	96.4	15.9	99	16.0
	16	62.4	10.8	74.4	13.2	86.4	15.7	91.8	16.8	92.9	16.6	95.2	16.7	97.4	16.9
	18	62.4	11.0	74.4	13.5	86.4	16.3	90.5	17.4	91.7	17.4	93.9	17.6	96.1	17.7
	20	62.4	11.2	74.4	14.0	86.4	17.5	89.3	18.2	90.4	18.3	92.6	18.4	94.9	18.6
	21	62.4	11.3	74.4	14.5	86.4	18.1	88.6	18.6	89.8	18.7	92.0	18.9	94.3	19.1
	23	62.4	12.1	74.4	15.5	86.3	19.4	87.4	19.5	88.5	19.6	90.8	19.7	93.0	19.9
	25	62.4	12.9	74.4	16.6	85.0	20.2	86.1	20.3	87.3	20.4	89.5	20.6	91.8	20.8
	27	62.4	13.8	74.4	17.8	83.8	21.1	84.9	21.2	86.0	21.3	88.3	21.5	90.5	21.7
	29	62.4	14.7	74.4	19.0	82.5	21.9	83.6	22.0	84.8	22.1	87.0	22.4	89.3	22.6
	31	62.4	15.7	74.4	20.3	81.3	22.8	82.4	22.9	83.5	23.0	85.8	23.2	88.0	23.5
	33	62.4	16.7	74.4	21.6	80.0	23.6	81.1	23.8	82.3	23.9	84.5	24.1	86.8	24.4
	35	62.4	17.8	74.4	23.1	78.8	24.5	79.9	24.6	81.0	24.8	83.3	25.0	85.5	25.3
	37	62.4	19.0	74.4	24.6	77.5	25.4	78.6	25.5	79.8	25.6	82.0	25.9	84.3	26.2
	39	62.4	20.2	74.0	26.0	76.3	26.2	77.4	26.4	78.5	26.5	80.7	26.8	83.0	27.1
110% (770)	10	57.2	9.28	68.2	11.3	79.2	13.4	84.7	14.5	90.2	15.6	97.2	16.6	99	16.0
	12	57.2	9.45	68.2	11.5	79.2	13.7	84.7	14.8	90.2	15.9	95.9	16.5	98.0	15.9
	14	57.2	9.6	68.2	11.7	79.2	13.9	84.7	15.1	90.2	16.2	94.7	16.4	96.7	15.9
	16	57.2	9.8	68.2	12.0	79.2	14.2	84.7	15.4	90.2	16.5	93.4	16.6	95.5	16.8
	18	57.2	10.0	68.2	12.2	79.2	14.5	84.7	15.8	90.1	17.3	92.2	17.5	94.2	17.6
	20	57.2	10.2	68.2	12.4	79.2	15.4	84.7	17.0	88.9	18.2	90.9	18.3	93.0	18.5
	21	57.2	10.3	68.2	12.8	79.2	15.9	84.7	17.6	88.2	18.6	90.3	18.7	92.4	18.9
	23	57.2	10.8	68.2	13.7	79.2	17.0	84.7	18.9	87.0	19.4	89.0	19.6	91.1	19.8
	25	57.2	11.5	68.2	14.7	79.2	18.3	84.7	20.2	85.7	20.3	87.8	20.5	89.9	20.6
	27	57.2	12.3	68.2	15.7	79.2	19.5	83.5	21.0	84.5	21.1	86.5	21.3	88.6	21.5
	29	57.2	13.1	68.2	16.7	79.2	20.9	82.2	21.9	83.2	22.0	85.3	22.2	87.4	22.4
	31	57.2	13.9	68.2	17.8	79.2	22.3	80.9	22.7	82.0	22.9	84.0	23.1	86.1	23.3
	33	57.2	14.8	68.2	19.0	78.7	23.5	79.7	23.6	80.7	23.7	82.8	23.9	84.8	24.2
	35	57.2	15.8	68.2	20.3	77.4	24.3	78.4	24.5	79.5	24.6	81.5	24.8	83.6	25.1
	37	57.2	16.8	68.2	21.6	76.2	25.2	77.2	25.3	78.2	25.5	80.3	25.7	82.3	26.0
	39	57.2	17.8	68.2	23.0	74.9	26.1	75.9	26.2	77.0	26.3	79.0	26.6	81.1	26.9
100% (700)	10	52.0	8.37	62.0	10.2	72.0	12.0	77.0	13.0	82.0	14.0	92.0	16.0	97.3	16.5
	12	52.0	8.52	62.0	10.3	72.0	12.3	77.0	13.2	82.0	14.2	92.0	16.3	96.1	16.4
	14	52.0	8.67	62.0	10.5	72.0	12.5	77.0	13.5	82.0	14.5	92.0	16.6	94.8	16.4
	16	52.0	8.83	62.0	10.7	72.0	12.7	77.0	13.8	82.0	14.8	91.7	16.8	93.6	16.6
	18	52.0	8.99	62.0	10.9	72.0	13.0	77.0	14.0	82.0	15.1	90.5	17.3	92.3	17.5
	20	52.0	9.16	62.0	11.2	72.0	13.4	77.0	14.7	82.0	16.2	89.2	18.2	91.1	18.3
	21	52.0	9.25	62.0	11.3	72.0	13.8	77.0	15.3	82.0	16.7	88.6	18.6	90.5	18.8
	23	52.0	9.50	62.0	12.0	72.0	14.8	77.0	16.4	82.0	18.0	87.3	19.5	89.2	19.6
	25	52.0	10.1	62.0	12.8	72.0	15.9	77.0	17.5	82.0	19.2	86.1	20.3	87.9	20.5
	27	52.0	10.8	62.0	13.7	72.0	17.0	77.0	18.7	82.0	20.6	84.8	21.2	86.7	21.3
	29	52.0	11.5	62.0	14.6	72.0	18.1	77.0	20.0	81.7	21.8	83.6	22.0	85.4	22.2
	31	52.0	12.2	62.0	15.6	72.0	19.3	77.0	21.4	80.4	22.7	82.3	22.9	84.2	23.1
	33	52.0	13.0	62.0	16.6	72.0	20.6	77.0	22.8	79.2	23.5	81.1	23.8	82.9	24.0
	35	52.0	13.8	62.0	17.7	72.0	22.0	77.0	24.3	77.9	24.4	79.8	24.6	81.7	24.8
	37	52.0	14.7	62.0	18.8	72.0	23.4	75.7	25.2	76.7	25.3	78.6	25.5	80.4	25.7
	39	52.0	15.6	62.0	20.0	72.0	24.9	74.5	26.0	75.4	26.1	77.3	26.4	79.2	26.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (630)	10	46.8	7.50	55.8	9.04	64.8	10.7	69.3	11.5	73.8	12.4	82.8	14.1	91.8	15.9
	12	46.8	7.62	55.8	9.20	64.8	10.9	69.3	11.7	73.8	12.6	82.8	14.4	91.8	16.2
	14	46.8	7.75	55.8	9.37	64.8	11.1	69.3	12.0	73.8	12.9	82.8	14.7	91.8	16.5
	16	46.8	7.89	55.8	9.54	64.8	11.3	69.3	12.2	73.8	13.1	82.8	15.0	91.7	16.8
	18	46.8	8.03	55.8	9.7	64.8	11.5	69.3	12.4	73.8	13.4	82.8	15.3	90.4	17.3
	20	46.8	8.18	55.8	9.9	64.8	11.7	69.3	12.7	73.8	13.9	82.8	16.4	89.2	18.2
	21	46.8	8.26	55.8	10.0	64.8	11.9	69.3	13.1	73.8	14.4	82.8	17.0	88.5	18.6
	23	46.8	8.41	55.8	10.4	64.8	12.8	69.3	14.0	73.8	15.4	82.8	18.2	87.3	19.5
	25	46.8	8.86	55.8	11.1	64.8	13.7	69.3	15.0	73.8	16.5	82.8	19.5	86.0	20.3
	27	46.8	9.44	55.8	11.9	64.8	14.6	69.3	16.0	73.8	17.6	82.8	20.9	84.8	21.2
	29	46.8	10.0	55.8	12.6	64.8	15.6	69.3	17.1	73.8	18.8	81.8	21.9	83.5	22.0
	31	46.8	10.7	55.8	13.5	64.8	16.6	69.3	18.3	73.8	20.0	80.6	22.7	82.3	22.9
	33	46.8	11.3	55.8	14.3	64.8	17.7	69.3	19.5	73.8	21.4	79.3	23.6	81.0	23.7
	35	46.8	12.0	55.8	15.2	64.8	18.8	69.3	20.8	73.8	22.8	78.1	24.4	79.8	24.6
	37	46.8	12.8	55.8	16.2	64.8	20.0	69.3	22.1	73.8	24.3	76.8	25.3	78.5	25.5
	39	46.8	13.6	55.8	17.2	64.8	21.3	69.3	23.5	73.8	25.9	75.6	26.2	77.3	26.4
80% (560)	10	41.6	6.65	49.6	7.97	57.6	9.36	61.6	10.1	65.6	10.8	73.6	12.3	81.6	13.9
	12	41.6	6.76	49.6	8.10	57.6	9.53	61.6	10.3	65.6	11.0	73.6	12.6	81.6	14.2
	14	41.6	6.87	49.6	8.25	57.6	9.7	61.6	10.5	65.6	11.2	73.6	12.8	81.6	14.4
	16	41.6	6.99	49.6	8.39	57.6	9.9	61.6	10.7	65.6	11.4	73.6	13.1	81.6	14.7
	18	41.6	7.11	49.6	8.55	57.6	10.1	61.6	10.9	65.6	11.7	73.6	13.3	81.6	15.0
	20	41.6	7.24	49.6	8.71	57.6	10.3	61.6	11.1	65.6	11.9	73.6	13.8	81.6	16.1
	21	41.6	7.30	49.6	8.79	57.6	10.4	61.6	11.2	65.6	12.1	73.6	14.3	81.6	16.6
	23	41.6	7.43	49.6	8.96	57.6	10.9	61.6	11.9	65.6	13.0	73.6	15.3	81.6	17.8
	25	41.6	7.68	49.6	9.54	57.6	11.6	61.6	12.7	65.6	13.9	73.6	16.4	81.6	19.1
	27	41.6	8.17	49.6	10.2	57.6	12.4	61.6	13.6	65.6	14.8	73.6	17.5	81.6	20.4
	29	41.6	8.68	49.6	10.8	57.6	13.2	61.6	14.5	65.6	15.8	73.6	18.7	81.6	21.8
	31	41.6	9.21	49.6	11.5	57.6	14.1	61.6	15.4	65.6	16.9	73.6	20.0	80.4	22.7
	33	41.6	9.8	49.6	12.2	57.6	15.0	61.6	16.4	65.6	18.0	73.6	21.3	79.1	23.5
	35	41.6	10.4	49.6	13.0	57.6	15.9	61.6	17.5	65.6	19.2	73.6	22.7	77.9	24.4
	37	41.6	11.0	49.6	13.8	57.6	16.9	61.6	18.6	65.6	20.4	73.6	24.2	76.6	25.3
	39	41.6	11.6	49.6	14.6	57.6	18.0	61.6	19.8	65.6	21.7	73.6	25.8	75.4	26.1
70% (490)	10	36.4	5.85	43.4	6.94	50.4	8.10	53.9	8.71	57.4	9.33	64.4	10.6	71.4	11.9
	12	36.4	5.94	43.4	7.06	50.4	8.24	53.9	8.86	57.4	9.49	64.4	10.8	71.4	12.1
	14	36.4	6.03	43.4	7.18	50.4	8.39	53.9	9.02	57.4	9.7	64.4	11.0	71.4	12.4
	16	36.4	6.13	43.4	7.30	50.4	8.54	53.9	9.19	57.4	9.8	64.4	11.2	71.4	12.6
	18	36.4	6.23	43.4	7.43	50.4	8.70	53.9	9.36	57.4	10.0	64.4	11.4	71.4	12.9
	20	36.4	6.33	43.4	7.56	50.4	8.86	53.9	9.54	57.4	10.2	64.4	11.7	71.4	13.2
	21	36.4	6.39	43.4	7.63	50.4	8.95	53.9	9.6	57.4	10.3	64.4	11.8	71.4	13.7
	23	36.4	6.50	43.4	7.77	50.4	9.13	53.9	10.0	57.4	10.8	64.4	12.7	71.4	14.7
	25	36.4	6.62	43.4	8.08	50.4	9.7	53.9	10.6	57.4	11.6	64.4	13.5	71.4	15.7
	27	36.4	6.99	43.4	8.60	50.4	10.4	53.9	11.3	57.4	12.3	64.4	14.5	71.4	16.8
	29	36.4	7.42	43.4	9.14	50.4	11.0	53.9	12.1	57.4	13.1	64.4	15.4	71.4	17.9
	31	36.4	7.87	43.4	9.7	50.4	11.8	53.9	12.9	57.4	14.0	64.4	16.4	71.4	19.1
	33	36.4	8.34	43.4	10.3	50.4	12.5	53.9	13.7	57.4	14.9	64.4	17.5	71.4	20.4
	35	36.4	8.83	43.4	10.9	50.4	13.3	53.9	14.5	57.4	15.9	64.4	18.7	71.4	21.7
	37	36.4	9.35	43.4	11.6	50.4	14.1	53.9	15.4	57.4	16.9	64.4	19.9	71.4	23.1
	39	36.4	9.9	43.4	12.3	50.4	15.0	53.9	16.4	57.4	17.9	64.4	21.1	71.4	24.6
60% (420)	10	31.2	5.09	37.2	5.97	43.2	6.91	46.2	7.40	49.2	7.90	55.2	8.94	61.2	10.0
	12	31.2	5.16	37.2	6.06	43.2	7.03	46.2	7.53	49.2	8.04	55.2	9.10	61.2	10.2
	14	31.2	5.24	37.2	6.16	43.2	7.14	46.2	7.65	49.2	8.18	55.2	9.26	61.2	10.4
	16	31.2	5.31	37.2	6.26	43.2	7.27	46.2	7.79	49.2	8.33	55.2	9.43	61.2	10.6
	18	31.2	5.40	37.2	6.36	43.2	7.39	46.2	7.93	49.2	8.48	55.2	9.6	61.2	10.8
	20	31.2	5.48	37.2	6.47	43.2	7.53	46.2	8.07	49.2	8.64	55.2	9.8	61.2	11.0
	21	31.2	5.52	37.2	6.53	43.2	7.59	46.2	8.15	49.2	8.72	55.2	9.9	61.2	11.1
	23	31.2	5.61	37.2	6.64	43.2	7.74	46.2	8.30	49.2	8.89	55.2	10.3	61.2	11.8
	25	31.2	5.71	37.2	6.76	43.2	8.04	46.2	8.73	49.2	9.45	55.2	11.0	61.2	12.6
	27	31.2	5.92	37.2	7.17	43.2	8.55	46.2	9.29	49.2	10.1	55.2	11.7	61.2	13.5
	29	31.2	6.27	37.2	7.61	43.2	9.09	46.2	9.9	49.2	10.7	55.2	12.5	61.2	14.4
	31	31.2	6.64	37.2	8.07	43.2	9.7	46.2	10.5	49.2	11.4	55.2	13.3	61.2	15.3
	33	31.2	7.02	37.2	8.56	43.2	10.3	46.2	11.2	49.2	12.1	55.2	14.1	61.2	16.3
	35	31.2	7.42	37.2	9.06	43.2	10.9	46.2	11.8	49.2	12.9	55.2	15.0	61.2	17.4
	37	31.2	7.85	37.2	9.6	43.2	11.5	46.2	12.6	49.2	13.7	55.2	16.0	61.2	18.5
	39	31.2	8.29	37.2	10.2	43.2	12.2	46.2	13.3	49.2	14.5	55.2	17.0	61.2	19.6
50% (350)	10	26.0	4.37	31.0	5.06	36.0	5.79	38.5	6.17	41.0	6.56	46.0	7.37	51.0	8.21
	12	26.0	4.43	31.0	5.13	36.0	5.88	38.5	6.27	41.0	6.67	46.0	7.49	51.0	8.35
	14	26.0	4.49	31.0	5.21	36.0	5.97	38.5	6.37	41.0	6.78	46.0	7.62	51.0	8.50
	16	26.0	4.55	31.0	5.29	36.0	6.07	38.5	6.48	41.0	6.89	46.0	7.76	51.0	8.65
	18	26.0	4.61	31.0	5.37	36.0	6.17	38.5	6.58	41.0	7.01	46.0	7.89	51.0	8.81
	20	26.0	4.68	31.0	5.45	36.0	6.27	38.5	6.70	41.0	7.13	46.0	8.04	51.0	8.98
	21	26.0	4.71	31.0	5.49	36.0	6.32	38.5	6.76	41.0	7.20	46.0	8.11	51.0	9.07
	23	26.0	4.78	31.0	5.58	36.0	6.43	38.5	6.88	41.0	7.33	46.0	8.27	51.0	9.27
	25	26.0	4.86	31.0	5.68	36.0	6.55	38.5	7.02	41.0	7.55	46.0	8.68	51.0	9.9
	27	26.0	4.94	31.0	5.88	36.0	6.91	38.5	7.46	41.0	8.03	46.0	9.24	51.0	10.5
	29	26.0	5.22	31.0	6.23	36.0	7.33	38.5	7.92	41.0	8.54	46.0	9.8	51.0	11.2
	31	26.0	5.52	31.0	6.59	36.0	7.78	38.5	8.41	41.0	9.06	46.0	10.5	51.0	11.9
	33	26.0	5.82	31.0	6.98	36.0	8.24	38.5	8.91	41.0	9.6	46.0	11.1	51.0	12.7
	35	26.0	6.15	31.0	7.38	36.0	8.72	38.5	9.44	41.0	10.2	46.0	11.8	51.0	13.5
	37	26.0	6.48	31.0	7.79	36.0	9.23	38.5	10.0	41.0	10.8	46.0	12.5	51.0	14.3
	39	26.0	6.84	31.0	8.23	36.0	9.8	38.5	10.6	41.0	11.4	46.0	13.3	51.0	15.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ30PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	72.4	11.6	86.3	14.3	100	17.0	104	17.3	105	17.0	108	16.3	110	15.5
	12	72.4	11.9	86.3	14.5	100	17.3	103	17.2	104	16.9	106	16.1	109	15.9
	14	72.4	12.1	86.3	14.8	100	17.5	101	17.1	103	16.8	105	16.6	108	16.8
	16	72.4	12.3	86.3	15.1	99	17.4	100	17.3	101	17.4	104	17.5	106	17.7
	18	72.4	12.6	86.3	15.4	97	18.1	99	18.2	100	18.3	102	18.4	105	18.6
	20	72.4	12.8	86.3	16.4	95.9	19.0	97	19.1	99	19.2	101	19.3	104	19.5
	21	72.4	13.2	86.3	17.0	95.2	19.4	96.5	19.5	98	19.6	100	19.8	103	20.0
	23	72.4	14.1	86.3	18.2	93.9	20.3	95.2	20.4	96.5	20.5	99	20.7	102	20.9
	25	72.4	15.1	86.3	19.5	92.5	21.2	93.8	21.3	95.1	21.4	98	21.6	100	21.8
	27	72.4	16.1	86.3	20.9	91.2	22.1	92.5	22.2	93.8	22.3	96.4	22.5	99	22.8
	29	72.4	17.2	86.3	22.3	89.9	23.0	91.2	23.1	92.5	23.2	95.1	23.5	98	23.7
	31	72.4	18.3	85.9	23.6	88.5	23.9	89.8	24.0	91.1	24.1	93.7	24.4	96.3	24.6
	33	72.4	19.5	84.6	24.5	87.2	24.8	88.5	24.9	89.8	25.0	92.4	25.3	95.0	25.6
	35	72.4	20.8	83.2	25.4	85.8	25.7	87.1	25.8	88.4	26.0	91.0	26.3	93.7	26.5
	37	72.4	22.2	81.9	26.3	84.5	26.6	85.8	26.7	87.1	26.9	89.7	27.2	92.3	27.5
	39	72.4	23.6	80.5	27.2	83.1	27.5	84.4	27.7	85.8	27.8	88.4	28.1	91.0	28.5
120% (900)	10	66.8	10.6	79.7	13.0	92.6	15.5	99	16.7	104	17.4	106	16.8	108	16.1
	12	66.8	10.8	79.7	13.2	92.6	15.8	99	17.0	102	17.3	105	16.7	107	16.0
	14	66.8	11.0	79.7	13.5	92.6	16.1	99	17.4	101	17.2	103	16.6	106	16.7
	16	66.8	11.2	79.7	13.8	92.6	16.4	98	17.5	100	17.3	102	17.4	104	17.6
	18	66.8	11.5	79.7	14.0	92.6	16.9	97.0	18.1	98	18.1	101	18.3	103	18.5
	20	66.8	11.7	79.7	14.6	92.6	18.2	95.7	18.9	96.9	19.0	99	19.2	102	19.4
	21	66.8	11.8	79.7	15.1	92.6	18.9	95.0	19.4	96.2	19.5	99	19.7	101	19.8
	23	66.8	12.6	79.7	16.2	92.4	20.2	93.6	20.3	94.8	20.4	97	20.6	100	20.7
	25	66.8	13.5	79.7	17.3	91.1	21.1	92.3	21.2	93.5	21.3	95.9	21.5	98	21.7
	27	66.8	14.4	79.7	18.5	89.8	21.9	91.0	22.0	92.2	22.2	94.6	22.4	97.0	22.6
	29	66.8	15.3	79.7	19.8	88.4	22.8	89.6	22.9	90.8	23.1	93.2	23.3	95.6	23.5
	31	66.8	16.4	79.7	21.1	87.1	23.7	88.3	23.8	89.5	24.0	91.9	24.2	94.3	24.4
	33	66.8	17.4	79.7	22.5	85.7	24.6	86.9	24.7	88.1	24.9	90.5	25.1	93.0	25.4
	35	66.8	18.5	79.7	24.0	84.4	25.5	85.6	25.6	86.8	25.8	89.2	26.0	91.6	26.3
	37	66.8	19.7	79.7	25.6	83.0	26.4	84.2	26.6	85.5	26.7	87.9	27.0	90.3	27.3
	39	66.8	21.0	79.3	27.0	81.7	27.3	82.9	27.5	84.1	27.6	86.5	27.9	88.9	28.2
110% (825)	10	61.2	9.7	73.0	11.8	84.8	14.0	90.8	15.1	96.7	16.3	104	17.3	106	16.7
	12	61.2	9.8	73.0	12.0	84.8	14.2	90.8	15.4	96.7	16.6	103	17.2	105	16.6
	14	61.2	10.0	73.0	12.2	84.8	14.5	90.8	15.7	96.7	16.9	101	17.1	104	16.6
	16	61.2	10.2	73.0	12.5	84.8	14.8	90.8	16.0	96.7	17.2	100	17.3	102	17.4
	18	61.2	10.4	73.0	12.7	84.8	15.1	90.8	16.4	96.6	18.0	99	18.2	101	18.3
	20	61.2	10.6	73.0	12.9	84.8	16.0	90.8	17.7	95.2	18.9	97	19.1	100	19.2
	21	61.2	10.7	73.0	13.3	84.8	16.6	90.8	18.3	94.5	19.4	96.8	19.5	99	19.7
	23	61.2	11.2	73.0	14.3	84.8	17.8	90.8	19.6	93.2	20.2	95.4	20.4	98	20.6
	25	61.2	12.0	73.0	15.3	84.8	19.0	90.8	21.0	91.9	21.1	94.1	21.3	96.3	21.5
	27	61.2	12.8	73.0	16.3	84.8	20.3	89.4	21.9	90.5	22.0	92.7	22.2	94.9	22.4
	29	61.2	13.6	73.0	17.4	84.8	21.7	88.1	22.8	89.2	22.9	91.4	23.1	93.6	23.3
	31	61.2	14.5	73.0	18.6	84.8	23.2	86.7	23.7	87.8	23.8	90.0	24.0	92.2	24.2
	33	61.2	15.4	73.0	19.8	84.3	24.5	85.4	24.6	86.5	24.7	88.7	24.9	90.9	25.2
	35	61.2	16.4	73.0	21.1	82.9	25.3	84.0	25.5	85.1	25.6	87.4	25.8	89.6	26.1
	37	61.2	17.4	73.0	22.5	81.6	26.2	82.7	26.4	83.8	26.5	86.0	26.8	88.2	27.0
	39	61.2	18.5	73.0	23.9	80.3	27.1	81.4	27.3	82.5	27.4	84.7	27.7	86.9	28.0
100% (750)	10	55.7	8.7	66.4	10.6	77.1	12.5	82.5	13.5	87.9	14.6	99	16.6	104	17.2
	12	55.7	8.9	66.4	10.8	77.1	12.8	82.5	13.8	87.9	14.8	99	16.9	103	17.1
	14	55.7	9.0	66.4	11.0	77.1	13.0	82.5	14.1	87.9	15.1	99	17.3	102	17.0
	16	55.7	9.2	66.4	11.2	77.1	13.3	82.5	14.3	87.9	15.4	98	17.5	100	17.3
	18	55.7	9.4	66.4	11.4	77.1	13.5	82.5	14.6	87.9	15.7	96.9	18.1	99	18.2
	20	55.7	9.5	66.4	11.6	77.1	13.9	82.5	15.3	87.9	16.8	95.6	18.9	98	19.1
	21	55.7	9.6	66.4	11.7	77.1	14.4	82.5	15.9	87.9	17.4	94.9	19.4	96.9	19.5
	23	55.7	9.9	66.4	12.5	77.1	15.4	82.5	17.0	87.9	18.7	93.6	20.3	95.6	20.4
	25	55.7	10.6	66.4	13.4	77.1	16.5	82.5	18.2	87.9	20.0	92.2	21.2	94.2	21.3
	27	55.7	11.2	66.4	14.3	77.1	17.7	82.5	19.5	87.9	21.4	90.9	22.0	92.9	22.2
	29	55.7	12.0	66.4	15.2	77.1	18.9	82.5	20.8	87.5	22.7	89.5	22.9	91.5	23.1
	31	55.7	12.7	66.4	16.2	77.1	20.1	82.5	22.2	86.2	23.6	88.2	23.8	90.2	24.0
	33	55.7	13.5	66.4	17.3	77.1	21.5	82.5	23.7	84.8	24.5	86.9	24.7	88.9	24.9
	35	55.7	14.4	66.4	18.4	77.1	22.9	82.5	25.3	83.5	25.4	85.5	25.6	87.5	25.9
	37	55.7	15.3	66.4	19.6	77.1	24.4	81.2	26.2	82.2	26.3	84.2	26.5	86.2	26.8
	39	55.7	16.2	66.4	20.8	77.1	26.0	79.8	27.1	80.8	27.2	82.8	27.5	84.8	27.7

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (675)	10	50.1	7.80	59.8	9.4	69.4	11.1	74.3	12.0	79.1	12.9	88.7	14.7	98	16.6
	12	50.1	7.94	59.8	9.6	69.4	11.3	74.3	12.2	79.1	13.1	88.7	15.0	98	16.9
	14	50.1	8.07	59.8	9.8	69.4	11.5	74.3	12.4	79.1	13.4	88.7	15.3	98	17.2
	16	50.1	8.21	59.8	9.9	69.4	11.7	74.3	12.7	79.1	13.6	88.7	15.6	98	17.5
	18	50.1	8.36	59.8	10.1	69.4	12.0	74.3	12.9	79.1	13.9	88.7	15.9	96.9	18.1
	20	50.1	8.52	59.8	10.3	69.4	12.2	74.3	13.2	79.1	14.4	88.7	17.1	95.5	18.9
	21	50.1	8.60	59.8	10.4	69.4	12.4	74.3	13.7	79.1	14.9	88.7	17.7	94.9	19.4
	23	50.1	8.8	59.8	10.8	69.4	13.3	74.3	14.6	79.1	16.0	88.7	19.0	93.5	20.3
	25	50.1	9.2	59.8	11.6	69.4	14.2	74.3	15.6	79.1	17.1	88.7	20.3	92.2	21.1
	27	50.1	9.8	59.8	12.4	69.4	15.2	74.3	16.7	79.1	18.3	88.7	21.7	90.8	22.0
	29	50.1	10.5	59.8	13.2	69.4	16.2	74.3	17.8	79.1	19.6	87.7	22.8	89.5	22.9
	31	50.1	11.1	59.8	14.0	69.4	17.3	74.3	19.0	79.1	20.9	86.4	23.6	88.2	23.8
	33	50.1	11.8	59.8	14.9	69.4	18.4	74.3	20.3	79.1	22.3	85.0	24.5	86.8	24.7
	35	50.1	12.5	59.8	15.9	69.4	19.6	74.3	21.6	79.1	23.7	83.7	25.4	85.5	25.6
	37	50.1	13.3	59.8	16.9	69.4	20.9	74.3	23.0	79.1	25.3	82.3	26.3	84.1	26.5
	39	50.1	14.1	59.8	17.9	69.4	22.2	74.3	24.5	79.1	26.9	81.0	27.2	82.8	27.5
80% (600)	10	44.5	6.93	53.1	8.29	61.7	9.7	66.0	10.5	70.3	11.3	78.9	12.8	87.5	14.5
	12	44.5	7.04	53.1	8.44	61.7	9.9	66.0	10.7	70.3	11.5	78.9	13.1	87.5	14.7
	14	44.5	7.16	53.1	8.59	61.7	10.1	66.0	10.9	70.3	11.7	78.9	13.3	87.5	15.0
	16	44.5	7.28	53.1	8.7	61.7	10.3	66.0	11.1	70.3	11.9	78.9	13.6	87.5	15.3
	18	44.5	7.40	53.1	8.9	61.7	10.5	66.0	11.3	70.3	12.1	78.9	13.9	87.5	15.6
	20	44.5	7.53	53.1	9.1	61.7	10.7	66.0	11.5	70.3	12.4	78.9	14.4	87.5	16.7
	21	44.5	7.60	53.1	9.2	61.7	10.8	66.0	11.6	70.3	12.6	78.9	14.9	87.5	17.3
	23	44.5	7.74	53.1	9.3	61.7	11.3	66.0	12.4	70.3	13.5	78.9	15.9	87.5	18.6
	25	44.5	7.99	53.1	9.9	61.7	12.1	66.0	13.3	70.3	14.5	78.9	17.1	87.5	19.9
	27	44.5	8.50	53.1	10.6	61.7	12.9	66.0	14.1	70.3	15.5	78.9	18.2	87.5	21.3
	29	44.5	9.0	53.1	11.3	61.7	13.7	66.0	15.1	70.3	16.5	78.9	19.5	87.5	22.7
	31	44.5	9.6	53.1	12.0	61.7	14.6	66.0	16.1	70.3	17.6	78.9	20.8	86.1	23.6
	33	44.5	10.2	53.1	12.7	61.7	15.6	66.0	17.1	70.3	18.7	78.9	22.2	84.8	24.5
	35	44.5	10.8	53.1	13.5	61.7	16.6	66.0	18.2	70.3	20.0	78.9	23.6	83.4	25.4
	37	44.5	11.4	53.1	14.4	61.7	17.6	66.0	19.4	70.3	21.2	78.9	25.2	82.1	26.3
	39	44.5	12.1	53.1	15.2	61.7	18.7	66.0	20.6	70.3	22.6	78.9	26.8	80.7	27.2
70% (525)	10	39.0	6.09	46.5	7.23	54.0	8.44	57.8	9.1	61.5	9.7	69.0	11.0	76.5	12.4
	12	39.0	6.18	46.5	7.35	54.0	8.58	57.8	9.2	61.5	9.9	69.0	11.2	76.5	12.6
	14	39.0	6.28	46.5	7.47	54.0	8.7	57.8	9.4	61.5	10.1	69.0	11.5	76.5	12.9
	16	39.0	6.38	46.5	7.60	54.0	8.9	57.8	9.6	61.5	10.3	69.0	11.7	76.5	13.1
	18	39.0	6.49	46.5	7.73	54.0	9.1	57.8	9.7	61.5	10.4	69.0	11.9	76.5	13.4
	20	39.0	6.59	46.5	7.87	54.0	9.2	57.8	9.9	61.5	10.7	69.0	12.1	76.5	13.8
	21	39.0	6.65	46.5	7.94	54.0	9.3	57.8	10.0	61.5	10.8	69.0	12.3	76.5	14.3
	23	39.0	6.77	46.5	8.09	54.0	9.5	57.8	10.4	61.5	11.3	69.0	13.2	76.5	15.3
	25	39.0	6.89	46.5	8.41	54.0	10.1	57.8	11.1	61.5	12.0	69.0	14.1	76.5	16.3
	27	39.0	7.28	46.5	9.0	54.0	10.8	57.8	11.8	61.5	12.8	69.0	15.1	76.5	17.5
	29	39.0	7.73	46.5	9.5	54.0	11.5	57.8	12.6	61.5	13.7	69.0	16.1	76.5	18.6
	31	39.0	8.19	46.5	10.1	54.0	12.2	57.8	13.4	61.5	14.6	69.0	17.1	76.5	19.9
	33	39.0	8.7	46.5	10.7	54.0	13.0	57.8	14.2	61.5	15.5	69.0	18.2	76.5	21.2
	35	39.0	9.2	46.5	11.4	54.0	13.8	57.8	15.1	61.5	16.5	69.0	19.4	76.5	22.6
	37	39.0	9.7	46.5	12.1	54.0	14.7	57.8	16.1	61.5	17.5	69.0	20.7	76.5	24.1
	39	39.0	10.3	46.5	12.8	54.0	15.6	57.8	17.1	61.5	18.7	69.0	22.0	76.5	25.6
60% (450)	10	33.4	5.30	39.8	6.22	46.3	7.20	49.5	7.71	52.7	8.23	59.2	9.3	65.6	10.4
	12	33.4	5.37	39.8	6.31	46.3	7.31	49.5	7.84	52.7	8.37	59.2	9.5	65.6	10.6
	14	33.4	5.45	39.8	6.41	46.3	7.44	49.5	7.97	52.7	8.52	59.2	9.6	65.6	10.8
	16	33.4	5.53	39.8	6.52	46.3	7.56	49.5	8.11	52.7	8.7	59.2	9.8	65.6	11.0
	18	33.4	5.62	39.8	6.63	46.3	7.70	49.5	8.26	52.7	8.8	59.2	10.0	65.6	11.2
	20	33.4	5.71	39.8	6.74	46.3	7.84	49.5	8.41	52.7	9.0	59.2	10.2	65.6	11.5
	21	33.4	5.75	39.8	6.80	46.3	7.91	49.5	8.49	52.7	9.1	59.2	10.3	65.6	11.6
	23	33.4	5.85	39.8	6.92	46.3	8.05	49.5	8.6	52.7	9.3	59.2	10.7	65.6	12.3
	25	33.4	5.94	39.8	7.04	46.3	8.37	49.5	9.1	52.7	9.8	59.2	11.4	65.6	13.1
	27	33.4	6.16	39.8	7.47	46.3	8.9	49.5	9.7	52.7	10.5	59.2	12.2	65.6	14.0
	29	33.4	6.53	39.8	7.92	46.3	9.5	49.5	10.3	52.7	11.2	59.2	13.0	65.6	15.0
	31	33.4	6.91	39.8	8.40	46.3	10.1	49.5	10.9	52.7	11.9	59.2	13.8	65.6	15.9
	33	33.4	7.31	39.8	8.9	46.3	10.7	49.5	11.6	52.7	12.6	59.2	14.7	65.6	17.0
	35	33.4	7.73	39.8	9.4	46.3	11.3	49.5	12.3	52.7	13.4	59.2	15.6	65.6	18.1
	37	33.4	8.17	39.8	10.0	46.3	12.0	49.5	13.1	52.7	14.2	59.2	16.6	65.6	19.2
	39	33.4	8.6	39.8	10.6	46.3	12.7	49.5	13.9	52.7	15.1	59.2	17.7	65.6	20.4
50% (375)	10	27.8	4.55	33.2	5.27	38.6	6.03	41.3	6.43	43.9	6.83	49.3	7.67	54.7	8.55
	12	27.8	4.61	33.2	5.35	38.6	6.12	41.3	6.53	43.9	6.94	49.3	7.80	54.7	8.7
	14	27.8	4.67	33.2	5.42	38.6	6.22	41.3	6.63	43.9	7.06	49.3	7.94	54.7	8.9
	16	27.8	4.74	33.2	5.50	38.6	6.32	41.3	6.74	43.9	7.18	49.3	8.08	54.7	9.0
	18	27.8	4.80	33.2	5.59	38.6	6.42	41.3	6.85	43.9	7.30	49.3	8.22	54.7	9.2
	20	27.8	4.87	33.2	5.67	38.6	6.53	41.3	6.97	43.9	7.43	49.3	8.37	54.7	9.4
	21	27.8	4.91	33.2	5.72	38.6	6.58	41.3	7.03	43.9	7.49	49.3	8.45	54.7	9.4
	23	27.8	4.98	33.2	5.81	38.6	6.70	41.3	7.16	43.9	7.63	49.3	8.6	54.7	9.7
	25	27.8	5.06	33.2	5.91	38.6	6.82	41.3	7.31	43.9	7.86	49.3	9.0	54.7	10.3
	27	27.8	5.14	33.2	6.12	38.6	7.20	41.3	7.77	43.9	8.36	49.3	9.6	54.7	11.0
	29	27.8	5.43	33.2	6.49	38.6	7.64	41.3	8.25	43.9	8.9	49.3	10.2	54.7	11.7
	31	27.8	5.74	33.2	6.87	38.6	8.10	41.3	8.8	43.9	9.4	49.3	10.9	54.7	12.4
	33	27.8	6.06	33.2	7.26	38.6	8.58	41.3	9.3	43.9	10.0	49.3	11.6	54.7	13.2
	35	27.8	6.40	33.2	7.68	38.6	9.1	41.3	9.8	43.9	10.6	49.3	12.3	54.7	14.0
	37	27.8	6.75	33.2	8.12	38.6	9.6	41.3	10.4	43.9	11.2	49.3	13.0	54.7	14.9
	39	27.8	7.12	33.2	8.57	38.6	10.2	41.3	11.0	43.9	11.9	49.3	13.8	54.7	15.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ32PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	79.0	13.1	94.2	16.0	109	19.0	113	19.4	115	19.0	118	18.2	120	17.4
	12	79.0	13.3	94.2	16.3	109	19.4	112	19.3	113	18.9	116	18.1	119	17.8
	14	79.0	13.6	94.2	16.6	109	19.6	110	19.2	112	18.8	115	18.7	118	18.9
	16	79.0	13.8	94.2	16.9	108	19.5	109	19.4	110	19.5	113	19.7	116	19.9
	18	79.0	14.1	94.2	17.3	106	20.3	107	20.4	109	20.5	112	20.7	115	20.9
	20	79.0	14.4	94.2	18.4	105	21.3	106	21.4	107	21.5	110	21.7	113	21.9
	21	79.0	14.8	94.2	19.1	104	21.8	105	21.9	107	22.0	110	22.2	112	22.4
	23	79.0	15.8	94.2	20.4	102	22.8	104	22.9	105	23.0	108	23.2	111	23.5
	25	79.0	16.9	94.2	21.9	101	23.8	102	23.9	104	24.0	107	24.3	109	24.5
	27	79.0	18.1	94.2	23.4	99.5	24.8	101	24.9	102	25.0	105	25.3	108	25.6
	29	79.0	19.3	94.2	25.0	98.0	25.8	99.4	25.9	101	26.1	104	26.3	107	26.6
	31	79.0	20.6	93.7	26.5	96.6	26.8	98.0	26.9	99.4	27.1	102	27.4	105	27.7
	33	79.0	21.9	92.2	27.5	95.1	27.8	96.5	28.0	97.9	28.1	101	28.4	104	28.7
	35	79.0	23.4	90.8	28.5	93.6	28.8	95.1	29.0	96.5	29.1	99.3	29.5	102	29.8
	37	79.0	24.9	89.3	29.5	92.2	29.8	93.6	30.0	95.0	30.2	97.9	30.5	101	30.9
	39	79.0	26.5	87.9	30.5	90.7	30.9	92.1	31.0	93.5	31.2	96.4	31.6	99.2	32.0
120% (960)	10	72.9	11.9	86.9	14.6	101	17.4	108	18.8	113	19.5	116	18.8	118	18.1
	12	72.9	12.2	86.9	14.9	101	17.7	108	19.1	112	19.4	114	18.7	117	17.9
	14	72.9	12.4	86.9	15.2	101	18.0	108	19.5	110	19.3	113	18.6	115	18.7
	16	72.9	12.6	86.9	15.4	101	18.4	107	19.6	109	19.4	111	19.6	114	19.7
	18	72.9	12.9	86.9	15.8	101	19.0	106	20.3	107	20.4	110	20.6	112	20.7
	20	72.9	13.1	86.9	16.4	101	20.4	104	21.3	106	21.4	108	21.6	111	21.8
	21	72.9	13.3	86.9	17.0	101	21.2	104	21.8	105	21.9	108	22.1	110	22.3
	23	72.9	14.2	86.9	18.2	101	22.6	102	22.8	103	22.9	106	23.1	109	23.3
	25	72.9	15.1	86.9	19.4	99.4	23.6	101	23.7	102	23.9	105	24.1	107	24.3
	27	72.9	16.2	86.9	20.8	97.9	24.6	99.2	24.7	101	24.9	103	25.1	106	25.4
	29	72.9	17.2	86.9	22.2	96.4	25.6	97.8	25.8	99.1	25.9	102	26.1	104	26.4
	31	72.9	18.4	86.9	23.7	95.0	26.6	96.3	26.8	97.6	26.9	100	27.2	103	27.4
	33	72.9	19.6	86.9	25.3	93.5	27.6	94.8	27.8	96.1	27.9	98.8	28.2	101	28.5
	35	72.9	20.8	86.9	27.0	92.1	28.6	93.4	28.8	94.7	28.9	97.3	29.2	99.9	29.5
	37	72.9	22.2	86.9	28.7	90.6	29.6	91.9	29.8	93.2	30.0	95.8	30.3	98.5	30.6
	39	72.9	23.6	86.5	30.3	89.1	30.7	90.4	30.8	91.8	31.0	94.4	31.3	97.0	31.7
110% (880)	10	66.8	10.9	79.7	13.2	92.6	15.7	99.0	17.0	105	18.2	114	19.4	116	18.7
	12	66.8	11.0	79.7	13.5	92.6	16.0	99.0	17.3	105	18.6	112	19.3	115	18.6
	14	66.8	11.2	79.7	13.7	92.6	16.3	99.0	17.6	105	18.9	111	19.2	113	18.6
	16	66.8	11.5	79.7	14.0	92.6	16.6	99.0	18.0	105	19.3	109	19.4	112	19.6
	18	66.8	11.7	79.7	14.3	92.6	16.9	99.0	18.4	105	20.2	108	20.4	110	20.6
	20	66.8	11.9	79.7	14.5	92.6	17.9	99.0	19.8	104	21.2	106	21.4	109	21.6
	21	66.8	12.0	79.7	15.0	92.6	18.6	99.0	20.5	103	21.7	106	21.9	108	22.1
	23	66.8	12.6	79.7	16.0	92.6	19.9	99.0	22.0	102	22.7	104	22.9	106	23.1
	25	66.8	13.4	79.7	17.2	92.6	21.3	99.0	23.6	100	23.7	103	23.9	105	24.1
	27	66.8	14.3	79.7	18.3	92.6	22.8	97.5	24.6	98.7	24.7	101	24.9	104	25.1
	29	66.8	15.3	79.7	19.6	92.6	24.4	96.1	25.6	97.3	25.7	99.7	25.9	102	26.2
	31	66.8	16.3	79.7	20.9	92.6	26.0	94.6	26.6	95.8	26.7	98.2	27.0	101	27.2
	33	66.8	17.3	79.7	22.2	91.9	27.5	93.1	27.6	94.4	27.7	96.8	28.0	99.2	28.2
	35	66.8	18.4	79.7	23.7	90.5	28.5	91.7	28.6	92.9	28.7	95.3	29.0	97.7	29.3
	37	66.8	19.6	79.7	25.2	89.0	29.5	90.2	29.6	91.4	29.7	93.8	30.0	96.2	30.3
	39	66.8	20.8	79.7	26.9	87.6	30.5	88.8	30.6	90.0	30.8	92.4	31.1	94.8	31.4
100% (800)	10	60.7	9.8	72.4	11.9	84.1	14.1	90.0	15.2	95.9	16.3	108	18.7	114	19.3
	12	60.7	10.0	72.4	12.1	84.1	14.3	90.0	15.5	95.9	16.6	108	19.0	112	19.2
	14	60.7	10.1	72.4	12.3	84.1	14.6	90.0	15.8	95.9	17.0	108	19.4	111	19.1
	16	60.7	10.3	72.4	12.5	84.1	14.9	90.0	16.1	95.9	17.3	107	19.6	109	19.4
	18	60.7	10.5	72.4	12.8	84.1	15.2	90.0	16.4	95.9	17.6	106	20.3	108	20.4
	20	60.7	10.7	72.4	13.0	84.1	15.6	90.0	17.2	95.9	18.9	104	21.3	106	21.4
	21	60.7	10.8	72.4	13.2	84.1	16.2	90.0	17.8	95.9	19.6	104	21.8	106	21.9
	23	60.7	11.1	72.4	14.0	84.1	17.3	90.0	19.1	95.9	21.0	102	22.7	104	22.9
	25	60.7	11.8	72.4	15.0	84.1	18.5	90.0	20.5	95.9	22.5	101	23.7	103	23.9
	27	60.7	12.6	72.4	16.0	84.1	19.8	90.0	21.9	95.9	24.0	99.1	24.7	101	24.9
	29	60.7	13.4	72.4	17.1	84.1	21.2	90.0	23.4	95.5	25.5	97.7	25.7	99.9	26.0
	31	60.7	14.3	72.4	18.2	84.1	22.6	90.0	25.0	94.0	26.5	96.2	26.7	98.4	27.0
	33	60.7	15.2	72.4	19.4	84.1	24.1	90.0	26.6	92.6	27.5	94.7	27.8	96.9	28.0
	35	60.7	16.2	72.4	20.6	84.1	25.7	90.0	28.4	91.1	28.5	93.3	28.8	95.5	29.0
	37	60.7	17.2	72.4	22.0	84.1	27.4	88.5	29.4	89.6	29.5	91.8	29.8	94.0	30.1
	39	60.7	18.2	72.4	23.4	84.1	29.1	87.1	30.4	88.2	30.5	90.4	30.8	92.5	31.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (720)	10	54.7	8.76	65.2	10.6	75.7	12.5	81.0	13.5	86.3	14.5	96.8	16.5	107	18.6
	12	54.7	8.9	65.2	10.8	75.7	12.7	81.0	13.7	86.3	14.7	96.8	16.8	107	19.0
	14	54.7	9.1	65.2	10.9	75.7	12.9	81.0	14.0	86.3	15.0	96.8	17.2	107	19.3
	16	54.7	9.2	65.2	11.1	75.7	13.2	81.0	14.2	86.3	15.3	96.8	17.5	107	19.7
	18	54.7	9.4	65.2	11.4	75.7	13.4	81.0	14.5	86.3	15.6	96.8	17.8	106	20.3
	20	54.7	9.6	65.2	11.6	75.7	13.7	81.0	14.8	86.3	16.2	96.8	19.2	104	21.3
	21	54.7	9.6	65.2	11.7	75.7	13.9	81.0	15.3	86.3	16.8	96.8	19.9	103	21.8
	23	54.7	9.8	65.2	12.2	75.7	14.9	81.0	16.4	86.3	18.0	96.8	21.3	102	22.7
	25	54.7	10.4	65.2	13.0	75.7	16.0	81.0	17.6	86.3	19.2	96.8	22.8	101	23.7
	27	54.7	11.0	65.2	13.9	75.7	17.0	81.0	18.8	86.3	20.6	96.8	24.4	99.1	24.7
	29	54.7	11.7	65.2	14.8	75.7	18.2	81.0	20.0	86.3	22.0	95.7	25.5	97.6	25.7
	31	54.7	12.5	65.2	15.7	75.7	19.4	81.0	21.4	86.3	23.4	94.2	26.5	96.2	26.7
	33	54.7	13.2	65.2	16.7	75.7	20.7	81.0	22.8	86.3	25.0	92.7	27.5	94.7	27.8
	35	54.7	14.1	65.2	17.8	75.7	22.0	81.0	24.3	86.3	26.6	91.3	28.5	93.2	28.8
	37	54.7	14.9	65.2	18.9	75.7	23.4	81.0	25.8	86.3	28.4	89.8	29.6	91.8	29.8
	39	54.7	15.8	65.2	20.1	75.7	24.9	81.0	27.5	86.3	30.2	88.3	30.6	90.3	30.8
80% (640)	10	48.6	7.78	58.0	9.3	67.3	10.9	72.0	11.8	76.7	12.6	86.0	14.4	95.4	16.3
	12	48.6	7.90	58.0	9.5	67.3	11.1	72.0	12.0	76.7	12.9	86.0	14.7	95.4	16.6
	14	48.6	8.03	58.0	9.6	67.3	11.3	72.0	12.2	76.7	13.1	86.0	15.0	95.4	16.9
	16	48.6	8.17	58.0	9.8	67.3	11.6	72.0	12.5	76.7	13.4	86.0	15.3	95.4	17.2
	18	48.6	8.31	58.0	10.0	67.3	11.8	72.0	12.7	76.7	13.6	86.0	15.6	95.4	17.5
	20	48.6	8.46	58.0	10.2	67.3	12.0	72.0	12.9	76.7	13.9	86.0	16.1	95.4	18.8
	21	48.6	8.53	58.0	10.3	67.3	12.1	72.0	13.1	76.7	14.2	86.0	16.7	95.4	19.4
	23	48.6	8.69	58.0	10.5	67.3	12.7	72.0	13.9	76.7	15.2	86.0	17.9	95.4	20.8
	25	48.6	9.0	58.0	11.1	67.3	13.6	72.0	14.9	76.7	16.2	86.0	19.2	95.4	22.3
	27	48.6	9.5	58.0	11.9	67.3	14.5	72.0	15.9	76.7	17.3	86.0	20.5	95.4	23.9
	29	48.6	10.1	58.0	12.6	67.3	15.4	72.0	16.9	76.7	18.5	86.0	21.9	95.4	25.5
	31	48.6	10.8	58.0	13.4	67.3	16.4	72.0	18.0	76.7	19.7	86.0	23.3	93.9	26.5
	33	48.6	11.4	58.0	14.3	67.3	17.5	72.0	19.2	76.7	21.0	86.0	24.9	92.5	27.5
	35	48.6	12.1	58.0	15.2	67.3	18.6	72.0	20.5	76.7	22.4	86.0	26.5	91.0	28.5
	37	48.6	12.8	58.0	16.1	67.3	19.8	72.0	21.8	76.7	23.8	86.0	28.3	89.5	29.5
	39	48.6	13.6	58.0	17.1	67.3	21.0	72.0	23.2	76.7	25.4	86.0	30.1	88.1	30.5
70% (560)	10	42.5	6.84	50.7	8.11	58.9	9.5	63.0	10.2	67.1	10.9	75.3	12.4	83.5	13.9
	12	42.5	6.94	50.7	8.25	58.9	9.6	63.0	10.4	67.1	11.1	75.3	12.6	83.5	14.2
	14	42.5	7.05	50.7	8.39	58.9	9.8	63.0	10.5	67.1	11.3	75.3	12.9	83.5	14.5
	16	42.5	7.16	50.7	8.53	58.9	10.0	63.0	10.7	67.1	11.5	75.3	13.1	83.5	14.7
	18	42.5	7.28	50.7	8.68	58.9	10.2	63.0	10.9	67.1	11.7	75.3	13.4	83.5	15.0
	20	42.5	7.40	50.7	8.8	58.9	10.4	63.0	11.1	67.1	12.0	75.3	13.6	83.5	15.5
	21	42.5	7.47	50.7	8.9	58.9	10.5	63.0	11.3	67.1	12.1	75.3	13.8	83.5	16.0
	23	42.5	7.60	50.7	9.1	58.9	10.7	63.0	11.6	67.1	12.7	75.3	14.8	83.5	17.1
	25	42.5	7.73	50.7	9.4	58.9	11.4	63.0	12.4	67.1	13.5	75.3	15.8	83.5	18.3
	27	42.5	8.17	50.7	10.0	58.9	12.1	63.0	13.2	67.1	14.4	75.3	16.9	83.5	19.6
	29	42.5	8.67	50.7	10.7	58.9	12.9	63.0	14.1	67.1	15.4	75.3	18.0	83.5	20.9
	31	42.5	9.2	50.7	11.3	58.9	13.7	63.0	15.0	67.1	16.4	75.3	19.2	83.5	22.3
	33	42.5	9.7	50.7	12.0	58.9	14.6	63.0	16.0	67.1	17.4	75.3	20.5	83.5	23.8
	35	42.5	10.3	50.7	12.8	58.9	15.5	63.0	17.0	67.1	18.5	75.3	21.8	83.5	25.4
	37	42.5	10.9	50.7	13.6	58.9	16.5	63.0	18.1	67.1	19.7	75.3	23.2	83.5	27.0
	39	42.5	11.6	50.7	14.4	58.9	17.5	63.0	19.2	67.1	20.9	75.3	24.7	83.5	28.8
60% (480)	10	36.4	5.95	43.5	6.98	50.5	8.08	54.0	8.65	57.5	9.2	64.5	10.4	71.6	11.7
	12	36.4	6.03	43.5	7.09	50.5	8.21	54.0	8.80	57.5	9.4	64.5	10.6	71.6	11.9
	14	36.4	6.12	43.5	7.20	50.5	8.35	54.0	8.9	57.5	9.6	64.5	10.8	71.6	12.1
	16	36.4	6.21	43.5	7.32	50.5	8.49	54.0	9.1	57.5	9.7	64.5	11.0	71.6	12.4
	18	36.4	6.31	43.5	7.44	50.5	8.64	54.0	9.3	57.5	9.9	64.5	11.2	71.6	12.6
	20	36.4	6.41	43.5	7.56	50.5	8.80	54.0	9.4	57.5	10.1	64.5	11.4	71.6	12.9
	21	36.4	6.46	43.5	7.63	50.5	8.9	54.0	9.5	57.5	10.2	64.5	11.6	71.6	13.0
	23	36.4	6.56	43.5	7.76	50.5	9.0	54.0	9.7	57.5	10.4	64.5	12.0	71.6	13.8
	25	36.4	6.67	43.5	7.90	50.5	9.4	54.0	10.2	57.5	11.0	64.5	12.8	71.6	14.7
	27	36.4	6.91	43.5	8.38	50.5	10.0	54.0	10.9	57.5	11.8	64.5	13.7	71.6	15.7
	29	36.4	7.33	43.5	8.9	50.5	10.6	54.0	11.6	57.5	12.5	64.5	14.6	71.6	16.8
	31	36.4	7.76	43.5	9.4	50.5	11.3	54.0	12.3	57.5	13.3	64.5	15.5	71.6	17.9
	33	36.4	8.21	43.5	10.0	50.5	12.0	54.0	13.0	57.5	14.1	64.5	16.5	71.6	19.1
	35	36.4	8.68	43.5	10.6	50.5	12.7	54.0	13.8	57.5	15.0	64.5	17.6	71.6	20.3
	37	36.4	9.2	43.5	11.2	50.5	13.5	54.0	14.7	57.5	16.0	64.5	18.7	71.6	21.6
	39	36.4	9.7	43.5	11.9	50.5	14.3	54.0	15.6	57.5	16.9	64.5	19.8	71.6	23.0
50% (400)	10	30.4	5.11	36.2	5.92	42.1	6.77	45.0	7.21	47.9	7.67	53.8	8.61	59.6	9.6
	12	30.4	5.18	36.2	6.00	42.1	6.87	45.0	7.33	47.9	7.79	53.8	8.76	59.6	9.8
	14	30.4	5.25	36.2	6.09	42.1	6.98	45.0	7.45	47.9	7.92	53.8	8.9	59.6	9.9
	16	30.4	5.32	36.2	6.18	42.1	7.09	45.0	7.57	47.9	8.06	53.8	9.1	59.6	10.1
	18	30.4	5.39	36.2	6.27	42.1	7.21	45.0	7.69	47.9	8.19	53.8	9.2	59.6	10.3
	20	30.4	5.47	36.2	6.37	42.1	7.33	45.0	7.83	47.9	8.34	53.8	9.4	59.6	10.5
	21	30.4	5.51	36.2	6.42	42.1	7.39	45.0	7.90	47.9	8.41	53.8	9.5	59.6	10.6
	23	30.4	5.59	36.2	6.53	42.1	7.52	45.0	8.04	47.9	8.57	53.8	9.7	59.6	10.8
	25	30.4	5.68	36.2	6.63	42.1	7.65	45.0	8.20	47.9	8.83	53.8	10.1	59.6	11.6
	27	30.4	5.77	36.2	6.87	42.1	8.08	45.0	8.72	47.9	9.4	53.8	10.8	59.6	12.3
	29	30.4	6.10	36.2	7.28	42.1	8.57	45.0	9.3	47.9	10.0	53.8	11.5	59.6	13.1
	31	30.4	6.45	36.2	7.71	42.1	9.1	45.0	9.8	47.9	10.6	53.8	12.2	59.6	14.0
	33	30.4	6.81	36.2	8.15	42.1	9.6	45.0	10.4	47.9	11.2	53.8	13.0	59.6	14.8
	35	30.4	7.18	36.2	8.62	42.1	10.2	45.0	11.0	47.9	11.9	53.8	13.8	59.6	15.8
	37	30.4	7.58	36.2	9.1	42.1	10.8	45.0	11.7	47.9	12.6	53.8	14.6	59.6	16.8
	39	30.4	7.99	36.2	9.6	42.1	11.4	45.0	12.4	47.9	13.4	53.8	15.5	59.6	17.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ34PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	82.5	14.1	98	17.2	114	20.5	118	20.9	120	20.5	123	19.7	126	18.8
	12	82.5	14.3	98	17.6	114	20.9	117	20.8	118	20.4	121	19.5	124	19.2
	14	82.5	14.6	98	17.9	114	21.2	115	20.7	117	20.3	120	20.1	123	20.3
	16	82.5	14.9	98	18.3	112	21.1	114	20.9	115	21.0	118	21.2	121	21.4
	18	82.5	15.2	98	18.6	111	21.9	112	22.0	114	22.1	117	22.3	120	22.5
	20	82.5	15.5	98	19.8	109	22.9	111	23.0	112	23.2	115	23.4	118	23.6
	21	82.5	15.9	98	20.5	108	23.5	110	23.6	111	23.7	114	23.9	117	24.2
	23	82.5	17.1	98	22.0	107	24.5	108	24.7	110	24.8	113	25.0	116	25.3
	25	82.5	18.2	98	23.6	105	25.6	107	25.7	108	25.9	111	26.1	114	26.4
	27	82.5	19.5	98	25.2	104	26.7	105	26.8	107	27.0	110	27.3	113	27.5
	29	82.5	20.8	98	27.0	102	27.8	104	27.9	105	28.1	108	28.4	111	28.7
	31	82.5	22.2	98	28.5	101	28.9	102	29.0	104	29.2	107	29.5	110	29.8
	33	82.5	23.6	96.3	29.6	99	30.0	101	30.1	102	30.3	105	30.6	108	31.0
	35	82.5	25.2	94.8	30.7	97.8	31.0	99	31.2	101	31.4	104	31.8	107	32.1
	37	82.5	26.8	93.3	31.8	96.3	32.2	97.7	32.3	99	32.5	102	32.9	105	33.3
	39	82.5	28.5	91.8	32.9	94.7	33.3	96.2	33.5	97.7	33.6	101	34.0	104	34.4
120% (1020)	10	76.1	12.9	90.8	15.7	105	18.7	113	20.2	118	21.1	121	20.3	123	19.5
	12	76.1	13.1	90.8	16.0	105	19.1	113	20.6	116	21.0	119	20.1	122	19.3
	14	76.1	13.4	90.8	16.3	105	19.4	113	21.0	115	20.8	118	20.0	120	20.2
	16	76.1	13.6	90.8	16.6	105	19.8	112	21.1	113	20.9	116	21.1	119	21.3
	18	76.1	13.9	90.8	17.0	105	20.5	111	21.9	112	22.0	115	22.1	117	22.3
	20	76.1	14.1	90.8	17.6	105	22.0	109	22.9	110	23.0	113	23.2	116	23.4
	21	76.1	14.3	90.8	18.3	105	22.8	108	23.4	110	23.6	112	23.8	115	24.0
	23	76.1	15.3	90.8	19.6	105	24.4	107	24.5	108	24.6	111	24.9	114	25.1
	25	76.1	16.3	90.8	21.0	104	25.5	105	25.6	107	25.7	109	26.0	112	26.2
	27	76.1	17.4	90.8	22.4	102	26.5	104	26.7	105	26.8	108	27.1	110	27.3
	29	76.1	18.6	90.8	23.9	101	27.6	102	27.7	103	27.9	106	28.2	109	28.4
	31	76.1	19.8	90.8	25.5	99	28.7	101	28.8	102	29.0	105	29.3	107	29.6
	33	76.1	21.1	90.8	27.2	97.7	29.8	99	29.9	100	30.1	103	30.4	106	30.7
	35	76.1	22.4	90.8	29.0	96.1	30.9	97.5	31.0	99	31.2	102	31.5	104	31.8
	37	76.1	23.9	90.8	30.9	94.6	31.9	96.0	32.1	97.4	32.3	100	32.6	103	33.0
	39	76.1	25.4	90.3	32.7	93.1	33.0	94.5	33.2	95.8	33.4	99	33.8	101	34.1
110% (935)	10	69.8	11.7	83.2	14.2	96.7	16.9	103	18.3	110	19.7	119	20.9	121	20.1
	12	69.8	11.9	83.2	14.5	96.7	17.2	103	18.6	110	20.0	117	20.8	120	20.0
	14	69.8	12.1	83.2	14.8	96.7	17.6	103	19.0	110	20.4	116	20.7	118	20.0
	16	69.8	12.3	83.2	15.1	96.7	17.9	103	19.3	110	20.8	114	20.9	117	21.1
	18	69.8	12.6	83.2	15.4	96.7	18.3	103	19.9	110	21.8	113	22.0	115	22.2
	20	69.8	12.8	83.2	15.7	96.7	19.3	103	21.4	108	22.9	111	23.1	114	23.3
	21	69.8	12.9	83.2	16.1	96.7	20.0	103	22.1	108	23.4	110	23.6	113	23.8
	23	69.8	13.6	83.2	17.3	96.7	21.5	103	23.7	106	24.5	109	24.7	111	24.9
	25	69.8	14.5	83.2	18.5	96.7	23.0	103	25.4	105	25.5	107	25.8	110	26.0
	27	69.8	15.4	83.2	19.7	96.7	24.6	102	26.5	103	26.6	106	26.9	108	27.1
	29	69.8	16.5	83.2	21.1	96.7	26.3	100	27.6	102	27.7	104	27.9	107	28.2
	31	69.8	17.5	83.2	22.5	96.7	28.1	99	28.6	100	28.8	103	29.0	105	29.3
	33	69.8	18.7	83.2	24.0	96.0	29.6	97.3	29.7	99	29.9	101	30.1	104	30.4
	35	69.8	19.8	83.2	25.5	94.5	30.7	95.8	30.8	97.0	31.0	100	31.3	102	31.6
	37	69.8	21.1	83.2	27.2	93.0	31.7	94.2	31.9	95.5	32.1	98	32.4	101	32.7
	39	69.8	22.4	83.2	28.9	91.4	32.8	92.7	33.0	94.0	33.2	96.5	33.5	99	33.8
100% (850)	10	63.4	10.5	75.7	12.8	87.9	15.1	94.0	16.4	100	17.6	112	20.1	119	20.8
	12	63.4	10.7	75.7	13.0	87.9	15.4	94.0	16.7	100	17.9	112	20.5	117	20.7
	14	63.4	10.9	75.7	13.3	87.9	15.7	94.0	17.0	100	18.3	112	20.9	116	20.6
	16	63.4	11.1	75.7	13.5	87.9	16.0	94.0	17.3	100	18.6	112	21.2	114	20.9
	18	63.4	11.3	75.7	13.8	87.9	16.3	94.0	17.7	100	19.0	110	21.8	113	22.0
	20	63.4	11.5	75.7	14.0	87.9	16.8	94.0	18.6	100	20.4	109	22.9	111	23.1
	21	63.4	11.7	75.7	14.2	87.9	17.4	94.0	19.2	100	21.1	108	23.4	110	23.6
	23	63.4	12.0	75.7	15.1	87.9	18.7	94.0	20.6	100	22.6	107	24.5	109	24.7
	25	63.4	12.8	75.7	16.2	87.9	20.0	94.0	22.0	100	24.2	105	25.6	107	25.8
	27	63.4	13.6	75.7	17.3	87.9	21.4	94.0	23.6	100	25.9	104	26.7	106	26.9
	29	63.4	14.5	75.7	18.4	87.9	22.8	94.0	25.2	100	27.5	102	27.7	104	28.0
	31	63.4	15.4	75.7	19.6	87.9	24.3	94.0	26.9	98	28.6	100	28.8	103	29.1
	33	63.4	16.4	75.7	20.9	87.9	26.0	94.0	28.7	96.7	29.7	99	29.9	101	30.2
	35	63.4	17.4	75.7	22.2	87.9	27.7	94.0	30.6	95.1	30.7	97.4	31.0	100	31.3
	37	63.4	18.5	75.7	23.7	87.9	29.5	92.5	31.7	93.6	31.8	95.9	32.1	98	32.4
	39	63.4	19.7	75.7	25.2	87.9	31.4	90.9	32.8	92.1	32.9	94.4	33.2	96.7	33.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (765)	10	57.1	9.44	68.1	11.4	79.1	13.4	84.6	14.5	90.1	15.6	101	17.8	112	20.1
	12	57.1	9.60	68.1	11.6	79.1	13.7	84.6	14.8	90.1	15.9	101	18.1	112	20.4
	14	57.1	9.76	68.1	11.8	79.1	13.9	84.6	15.1	90.1	16.2	101	18.5	112	20.8
	16	57.1	9.94	68.1	12.0	79.1	14.2	84.6	15.3	90.1	16.5	101	18.9	112	21.2
	18	57.1	10.11	68.1	12.2	79.1	14.5	84.6	15.6	90.1	16.8	101	19.2	110	21.8
	20	57.1	10.30	68.1	12.5	79.1	14.8	84.6	16.0	90.1	17.5	101	20.7	109	22.9
	21	57.1	10.40	68.1	12.6	79.1	15.0	84.6	16.5	90.1	18.1	101	21.4	108	23.4
	23	57.1	10.6	68.1	13.1	79.1	16.1	84.6	17.7	90.1	19.4	101	23.0	107	24.5
	25	57.1	11.2	68.1	14.0	79.1	17.2	84.6	18.9	90.1	20.7	101	24.6	105	25.6
	27	57.1	11.9	68.1	14.9	79.1	18.4	84.6	20.2	90.1	22.1	101	26.3	104	26.7
	29	57.1	12.6	68.1	15.9	79.1	19.6	84.6	21.6	90.1	23.7	100	27.5	102	27.7
	31	57.1	13.4	68.1	17.0	79.1	20.9	84.6	23.0	90.1	25.2	98	28.6	100	28.8
	33	57.1	14.3	68.1	18.0	79.1	22.3	84.6	24.5	90.1	26.9	96.9	29.7	99	29.9
	35	57.1	15.2	68.1	19.2	79.1	23.7	84.6	26.1	90.1	28.7	95.3	30.8	97.4	31.0
	37	57.1	16.1	68.1	20.4	79.1	25.2	84.6	27.8	90.1	30.6	93.8	31.8	95.9	32.1
	39	57.1	17.1	68.1	21.7	79.1	26.8	84.6	29.6	90.1	32.6	92.3	32.9	94.3	33.2
80% (680)	10	50.8	8.38	60.5	10.03	70.3	11.8	75.2	12.7	80.1	13.6	89.9	15.5	100	17.5
	12	50.8	8.51	60.5	10.20	70.3	12.0	75.2	12.9	80.1	13.9	89.9	15.8	100	17.8
	14	50.8	8.65	60.5	10.38	70.3	12.2	75.2	13.2	80.1	14.1	89.9	16.1	100	18.2
	16	50.8	8.80	60.5	10.6	70.3	12.4	75.2	13.4	80.1	14.4	89.9	16.4	100	18.5
	18	50.8	8.95	60.5	10.8	70.3	12.7	75.2	13.7	80.1	14.7	89.9	16.8	100	18.9
	20	50.8	9.11	60.5	11.0	70.3	12.9	75.2	13.9	80.1	15.0	89.9	17.4	100	20.2
	21	50.8	9.19	60.5	11.1	70.3	13.1	75.2	14.1	80.1	15.3	89.9	18.0	100	20.9
	23	50.8	9.36	60.5	11.3	70.3	13.7	75.2	15.0	80.1	16.4	89.9	19.3	100	22.5
	25	50.8	9.67	60.5	12.0	70.3	14.6	75.2	16.0	80.1	17.5	89.9	20.6	100	24.1
	27	50.8	10.28	60.5	12.8	70.3	15.6	75.2	17.1	80.1	18.7	89.9	22.1	100	25.7
	29	50.8	10.9	60.5	13.6	70.3	16.6	75.2	18.2	80.1	19.9	89.9	23.6	100	27.5
	31	50.8	11.6	60.5	14.5	70.3	17.7	75.2	19.4	80.1	21.3	89.9	25.2	98	28.6
	33	50.8	12.3	60.5	15.4	70.3	18.8	75.2	20.7	80.1	22.7	89.9	26.8	96.6	29.6
	35	50.8	13.1	60.5	16.4	70.3	20.1	75.2	22.0	80.1	24.1	89.9	28.6	95.1	30.7
	37	50.8	13.8	60.5	17.4	70.3	21.3	75.2	23.5	80.1	25.7	89.9	30.5	93.5	31.8
	39	50.8	14.7	60.5	18.4	70.3	22.7	75.2	24.9	80.1	27.3	89.9	32.5	92.0	32.9
70% (595)	10	44.4	7.37	53.0	8.74	61.5	10.21	65.8	11.0	70.1	11.7	78.6	13.4	87.2	15.0
	12	44.4	7.48	53.0	8.89	61.5	10.38	65.8	11.2	70.1	12.0	78.6	13.6	87.2	15.3
	14	44.4	7.60	53.0	9.04	61.5	10.6	65.8	11.4	70.1	12.2	78.6	13.9	87.2	15.6
	16	44.4	7.72	53.0	9.19	61.5	10.8	65.8	11.6	70.1	12.4	78.6	14.1	87.2	15.9
	18	44.4	7.84	53.0	9.35	61.5	11.0	65.8	11.8	70.1	12.6	78.6	14.4	87.2	16.2
	20	44.4	7.98	53.0	9.52	61.5	11.2	65.8	12.0	70.1	12.9	78.6	14.7	87.2	16.6
	21	44.4	8.04	53.0	9.61	61.5	11.3	65.8	12.1	70.1	13.0	78.6	14.9	87.2	17.2
	23	44.4	8.18	53.0	9.79	61.5	11.5	65.8	12.5	70.1	13.6	78.6	16.0	87.2	18.5
	25	44.4	8.33	53.0	10.18	61.5	12.3	65.8	13.4	70.1	14.6	78.6	17.1	87.2	19.8
	27	44.4	8.81	53.0	10.8	61.5	13.1	65.8	14.3	70.1	15.5	78.6	18.2	87.2	21.1
	29	44.4	9.35	53.0	11.5	61.5	13.9	65.8	15.2	70.1	16.6	78.6	19.4	87.2	22.5
	31	44.4	9.91	53.0	12.2	61.5	14.8	65.8	16.2	70.1	17.6	78.6	20.7	87.2	24.1
	33	44.4	10.5	53.0	13.0	61.5	15.7	65.8	17.2	70.1	18.8	78.6	22.1	87.2	25.6
	35	44.4	11.1	53.0	13.8	61.5	16.7	65.8	18.3	70.1	20.0	78.6	23.5	87.2	27.3
	37	44.4	11.8	53.0	14.6	61.5	17.8	65.8	19.4	70.1	21.2	78.6	25.0	87.2	29.1
	39	44.4	12.5	53.0	15.5	61.5	18.9	65.8	20.7	70.1	22.6	78.6	26.6	87.2	31.0
60% (510)	10	38.1	6.41	45.4	7.52	52.7	8.70	56.4	9.32	60.1	9.95	67.4	11.3	74.7	12.6
	12	38.1	6.50	45.4	7.64	52.7	8.85	56.4	9.48	60.1	10.12	67.4	11.5	74.7	12.8
	14	38.1	6.59	45.4	7.76	52.7	9.00	56.4	9.64	60.1	10.30	67.4	11.7	74.7	13.1
	16	38.1	6.69	45.4	7.88	52.7	9.15	56.4	9.81	60.1	10.5	67.4	11.9	74.7	13.3
	18	38.1	6.80	45.4	8.01	52.7	9.31	56.4	9.98	60.1	10.7	67.4	12.1	74.7	13.6
	20	38.1	6.90	45.4	8.15	52.7	9.48	56.4	10.17	60.1	10.9	67.4	12.3	74.7	13.9
	21	38.1	6.96	45.4	8.22	52.7	9.56	56.4	10.26	60.1	11.0	67.4	12.5	74.7	14.0
	23	38.1	7.07	45.4	8.36	52.7	9.74	56.4	10.5	60.1	11.2	67.4	12.9	74.7	14.9
	25	38.1	7.19	45.4	8.52	52.7	10.12	56.4	11.0	60.1	11.9	67.4	13.8	74.7	15.9
	27	38.1	7.45	45.4	9.03	52.7	10.8	56.4	11.7	60.1	12.7	67.4	14.7	74.7	17.0
	29	38.1	7.89	45.4	9.58	52.7	11.4	56.4	12.4	60.1	13.5	67.4	15.7	74.7	18.1
	31	38.1	8.36	45.4	10.17	52.7	12.2	56.4	13.2	60.1	14.3	67.4	16.7	74.7	19.3
	33	38.1	8.84	45.4	10.8	52.7	12.9	56.4	14.1	60.1	15.2	67.4	17.8	74.7	20.5
	35	38.1	9.35	45.4	11.4	52.7	13.7	56.4	14.9	60.1	16.2	67.4	18.9	74.7	21.8
	37	38.1	9.88	45.4	12.1	52.7	14.5	56.4	15.8	60.1	17.2	67.4	20.1	74.7	23.2
	39	38.1	10.4	45.4	12.8	52.7	15.4	56.4	16.8	60.1	18.3	67.4	21.4	74.7	24.7
50% (425)	10	31.7	5.51	37.8	6.37	43.9	7.29	47.0	7.77	50.1	8.26	56.2	9.28	62.3	10.34
	12	31.7	5.58	37.8	6.46	43.9	7.41	47.0	7.90	50.1	8.40	56.2	9.44	62.3	10.5
	14	31.7	5.65	37.8	6.56	43.9	7.52	47.0	8.02	50.1	8.54	56.2	9.60	62.3	10.7
	16	31.7	5.73	37.8	6.66	43.9	7.64	47.0	8.15	50.1	8.68	56.2	9.77	62.3	10.9
	18	31.7	5.81	37.8	6.76	43.9	7.77	47.0	8.29	50.1	8.83	56.2	9.94	62.3	11.1
	20	31.7	5.89	37.8	6.86	43.9	7.90	47.0	8.43	50.1	8.98	56.2	10.12	62.3	11.3
	21	31.7	5.94	37.8	6.92	43.9	7.96	47.0	8.51	50.1	9.06	56.2	10.22	62.3	11.4
	23	31.7	6.02	37.8	7.03	43.9	8.10	47.0	8.66	50.1	9.23	56.2	10.4	62.3	11.7
	25	31.7	6.12	37.8	7.15	43.9	8.25	47.0	8.84	50.1	9.51	56.2	10.9	62.3	12.5
	27	31.7	6.21	37.8	7.40	43.9	8.70	47.0	9.40	50.1	10.12	56.2	11.6	62.3	13.3
	29	31.7	6.57	37.8	7.84	43.9	9.24	47.0	9.98	50.1	10.7	56.2	12.4	62.3	14.1
	31	31.7	6.95	37.8	8.30	43.9	9.79	47.0	10.6	50.1	11.4	56.2	13.2	62.3	15.0
	33	31.7	7.33	37.8	8.78	43.9	10.38	47.0	11.2	50.1	12.1	56.2	14.0	62.3	16.0
	35	31.7	7.74	37.8	9.29	43.9	11.0	47.0	11.9	50.1	12.8	56.2	14.8	62.3	17.0
	37	31.7	8.16	37.8	9.82	43.9	11.6	47.0	12.6	50.1	13.6	56.2	15.7	62.3	18.0
	39	31.7	8.61	37.8	10.37	43.9	12.3	47.0	13.3	50.1	14.4	56.2	16.7	62.3	19.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ36PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	86.0	15.1	103	18.5	119	22.0	123	22.5	125	22.0	128	21.1	131	20.1
	12	86.0	15.4	103	18.8	119	22.4	122	22.3	123	21.9	126	20.9	130	20.6
	14	86.0	15.7	103	19.2	119	22.7	120	22.2	122	21.7	125	21.6	128	21.8
	16	86.0	16.0	103	19.6	117	22.6	119	22.4	120	22.5	123	22.7	126	23.0
	18	86.0	16.3	103	20.0	116	23.4	117	23.6	119	23.7	122	23.9	125	24.1
	20	86.0	16.6	103	21.3	114	24.6	115	24.7	117	24.8	120	25.1	123	25.3
	21	86.0	17.1	103	22.0	113	25.2	115	25.3	116	25.4	119	25.7	122	25.9
	23	86.0	18.3	103	23.6	112	26.3	113	26.4	115	26.6	118	26.8	121	27.1
	25	86.0	19.6	103	25.3	110	27.5	111	27.6	113	27.7	116	28.0	119	28.3
	27	86.0	20.9	103	27.0	108	28.6	110	28.8	111	28.9	115	29.2	118	29.5
	29	86.0	22.3	103	28.9	107	29.8	108	29.9	110	30.1	113	30.4	116	30.7
	31	86.0	23.8	102	30.6	105	30.9	107	31.1	108	31.3	111	31.6	114	31.9
	33	86.0	25.3	100	31.7	104	32.1	105	32.3	107	32.5	110	32.8	113	33.2
	35	86.0	27.0	99	32.9	102	33.3	104	33.5	105	33.7	108	34.0	111	34.4
	37	86.0	28.7	97	34.1	100	34.5	102	34.7	103	34.9	107	35.3	110	35.7
	39	86.0	30.6	95.7	35.2	99	35.6	100	35.9	102	36.1	105	36.5	108	36.9
120% (1080)	10	79.4	13.8	94.7	16.9	110	20.0	118	21.7	123	22.6	126	21.7	129	20.9
	12	79.4	14.1	94.7	17.2	110	20.4	118	22.1	121	22.5	124	21.6	127	20.7
	14	79.4	14.3	94.7	17.5	110	20.8	118	22.5	120	22.3	123	21.5	126	21.6
	16	79.4	14.6	94.7	17.8	110	21.2	117	22.7	118	22.4	121	22.6	124	22.8
	18	79.4	14.9	94.7	18.2	110	21.9	115	23.4	117	23.5	120	23.7	122	24.0
	20	79.4	15.2	94.7	18.9	110	23.6	114	24.6	115	24.7	118	24.9	121	25.1
	21	79.4	15.3	94.7	19.6	110	24.4	113	25.1	114	25.2	117	25.5	120	25.7
	23	79.4	16.4	94.7	21.0	110	26.2	111	26.3	113	26.4	116	26.7	118	26.9
	25	79.4	17.5	94.7	22.5	108	27.3	110	27.4	111	27.6	114	27.8	117	28.1
	27	79.4	18.7	94.7	24.0	107	28.4	108	28.6	109	28.7	112	29.0	115	29.3
	29	79.4	19.9	94.7	25.6	105	29.6	106	29.7	108	29.9	111	30.2	114	30.5
	31	79.4	21.2	94.7	27.4	103	30.7	105	30.9	106	31.1	109	31.4	112	31.7
	33	79.4	22.6	94.7	29.2	102	31.9	103	32.1	105	32.2	108	32.6	110	32.9
	35	79.4	24.0	94.7	31.1	100	33.1	102	33.2	103	33.4	106	33.8	109	34.1
	37	79.4	25.6	94.7	33.2	99	34.2	100	34.4	102	34.6	104	35.0	107	35.3
	39	79.4	27.2	94.2	35.0	97	35.4	98	35.6	100	35.8	103	36.2	106	36.6
110% (990)	10	72.8	12.5	86.8	15.3	101	18.1	108	19.6	115	21.1	124	22.4	126	21.6
	12	72.8	12.8	86.8	15.5	101	18.5	108	20.0	115	21.5	122	22.3	125	21.5
	14	72.8	13.0	86.8	15.8	101	18.8	108	20.3	115	21.9	121	22.1	123	21.5
	16	72.8	13.2	86.8	16.1	101	19.2	108	20.7	115	22.3	119	22.4	122	22.6
	18	72.8	13.5	86.8	16.5	101	19.6	108	21.3	115	23.4	117	23.6	120	23.8
	20	72.8	13.7	86.8	16.8	101	20.7	108	22.9	113	24.5	116	24.7	118	24.9
	21	72.8	13.9	86.8	17.3	101	21.5	108	23.7	112	25.1	115	25.3	118	25.5
	23	72.8	14.5	86.8	18.5	101	23.0	108	25.4	111	26.2	113	26.5	116	26.7
	25	72.8	15.5	86.8	19.8	101	24.6	108	27.3	109	27.4	112	27.6	114	27.9
	27	72.8	16.6	86.8	21.2	101	26.4	106	28.4	108	28.5	110	28.8	113	29.0
	29	72.8	17.6	86.8	22.6	101	28.2	105	29.6	106	29.7	109	30.0	111	30.2
	31	72.8	18.8	86.8	24.1	101	30.1	103	30.7	104	30.8	107	31.1	110	31.4
	33	72.8	20.0	86.8	25.7	100	31.7	101	31.9	103	32.0	105	32.3	108	32.6
	35	72.8	21.3	86.8	27.4	99	32.9	100	33.0	101	33.2	104	33.5	106	33.8
	37	72.8	22.6	86.8	29.1	96.9	34.0	98	34.2	100	34.4	102	34.7	105	35.0
	39	72.8	24.0	86.8	31.0	95.3	35.2	96.6	35.4	98	35.5	101	35.9	103	36.2
100% (900)	10	66.1	11.3	78.9	13.7	91.6	16.2	98	17.5	104	18.9	117	21.6	124	22.3
	12	66.1	11.5	78.9	14.0	91.6	16.5	98	17.9	104	19.2	117	22.0	122	22.2
	14	66.1	11.7	78.9	14.2	91.6	16.9	98	18.2	104	19.6	117	22.4	121	22.1
	16	66.1	11.9	78.9	14.5	91.6	17.2	98	18.6	104	20.0	117	22.7	119	22.4
	18	66.1	12.1	78.9	14.8	91.6	17.5	98	18.9	104	20.4	115	23.4	118	23.6
	20	66.1	12.4	78.9	15.1	91.6	18.1	98	19.9	104	21.8	114	24.6	116	24.7
	21	66.1	12.5	78.9	15.2	91.6	18.7	98	20.6	104	22.6	113	25.1	115	25.3
	23	66.1	12.8	78.9	16.2	91.6	20.0	98	22.1	104	24.2	111	26.3	114	26.5
	25	66.1	13.7	78.9	17.3	91.6	21.4	98	23.6	104	26.0	110	27.4	112	27.6
	27	66.1	14.6	78.9	18.5	91.6	22.9	98	25.3	104	27.8	108	28.6	110	28.8
	29	66.1	15.5	78.9	19.7	91.6	24.4	98	27.0	104	29.5	106	29.7	109	30.0
	31	66.1	16.5	78.9	21.0	91.6	26.1	98	28.8	102	30.6	105	30.9	107	31.2
	33	66.1	17.6	78.9	22.4	91.6	27.8	98	30.8	101	31.8	103	32.1	106	32.3
	35	66.1	18.7	78.9	23.8	91.6	29.6	98	32.8	99	32.9	102	33.2	104	33.5
	37	66.1	19.8	78.9	25.4	91.6	31.6	96.4	34.0	98	34.1	100	34.4	102	34.7
	39	66.1	21.1	78.9	27.0	91.6	33.6	94.8	35.1	96.0	35.3	98	35.6	101	35.9

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (810)	10	59.5	10.12	71.0	12.2	82.5	14.4	88.2	15.5	93.9	16.7	105	19.1	117	21.5
	12	59.5	10.3	71.0	12.4	82.5	14.7	88.2	15.8	93.9	17.0	105	19.4	117	21.9
	14	59.5	10.5	71.0	12.6	82.5	14.9	88.2	16.1	93.9	17.3	105	19.8	117	22.3
	16	59.5	10.6	71.0	12.9	82.5	15.2	88.2	16.4	93.9	17.7	105	20.2	117	22.7
	18	59.5	10.8	71.0	13.1	82.5	15.5	88.2	16.8	93.9	18.0	105	20.6	115	23.4
	20	59.5	11.0	71.0	13.4	82.5	15.8	88.2	17.1	93.9	18.7	105	22.1	113	24.6
	21	59.5	11.1	71.0	13.5	82.5	16.1	88.2	17.7	93.9	19.4	105	22.9	113	25.1
	23	59.5	11.4	71.0	14.1	82.5	17.2	88.2	19.0	93.9	20.8	105	24.6	111	26.3
	25	59.5	12.0	71.0	15.0	82.5	18.4	88.2	20.3	93.9	22.2	105	26.3	110	27.4
	27	59.5	12.7	71.0	16.0	82.5	19.7	88.2	21.7	93.9	23.7	105	28.2	108	28.6
	29	59.5	13.5	71.0	17.1	82.5	21.0	88.2	23.1	93.9	25.4	104	29.5	106	29.7
	31	59.5	14.4	71.0	18.2	82.5	22.4	88.2	24.7	93.9	27.1	103	30.7	105	30.9
	33	59.5	15.3	71.0	19.3	82.5	23.9	88.2	26.3	93.9	28.9	101	31.8	103	32.1
	35	59.5	16.2	71.0	20.6	82.5	25.4	88.2	28.0	93.9	30.8	99	33.0	102	33.2
	37	59.5	17.2	71.0	21.9	82.5	27.0	88.2	29.8	93.9	32.8	98	34.1	100	34.4
	39	59.5	18.3	71.0	23.2	82.5	28.8	88.2	31.8	93.9	34.9	96.2	35.3	98	35.6
80% (720)	10	52.9	8.98	63.1	10.8	73.3	12.6	78.4	13.6	83.5	14.6	93.7	16.7	104	18.8
	12	52.9	9.13	63.1	10.9	73.3	12.9	78.4	13.9	83.5	14.9	93.7	17.0	104	19.1
	14	52.9	9.28	63.1	11.1	73.3	13.1	78.4	14.1	83.5	15.2	93.7	17.3	104	19.5
	16	52.9	9.43	63.1	11.3	73.3	13.3	78.4	14.4	83.5	15.4	93.7	17.6	104	19.9
	18	52.9	9.60	63.1	11.5	73.3	13.6	78.4	14.7	83.5	15.7	93.7	18.0	104	20.3
	20	52.9	9.77	63.1	11.8	73.3	13.9	78.4	15.0	83.5	16.1	93.7	18.6	104	21.7
	21	52.9	9.85	63.1	11.9	73.3	14.0	78.4	15.1	83.5	16.4	93.7	19.3	104	22.5
	23	52.9	10.04	63.1	12.1	73.3	14.7	78.4	16.1	83.5	17.5	93.7	20.7	104	24.1
	25	52.9	10.4	63.1	12.9	73.3	15.7	78.4	17.2	83.5	18.8	93.7	22.1	104	25.8
	27	52.9	11.0	63.1	13.7	73.3	16.7	78.4	18.3	83.5	20.0	93.7	23.7	104	27.6
	29	52.9	11.7	63.1	14.6	73.3	17.8	78.4	19.6	83.5	21.4	93.7	25.3	104	29.5
	31	52.9	12.4	63.1	15.5	73.3	19.0	78.4	20.8	83.5	22.8	93.7	27.0	102	30.6
	33	52.9	13.2	63.1	16.5	73.3	20.2	78.4	22.2	83.5	24.3	93.7	28.8	101	31.8
	35	52.9	14.0	63.1	17.5	73.3	21.5	78.4	23.6	83.5	25.9	93.7	30.7	99	32.9
	37	52.9	14.8	63.1	18.6	73.3	22.9	78.4	25.1	83.5	27.5	93.7	32.7	98	34.1
	39	52.9	15.7	63.1	19.8	73.3	24.3	78.4	26.7	83.5	29.3	93.7	34.8	95.9	35.3
70% (630)	10	46.3	7.90	55.2	9.37	64.1	10.9	68.6	11.8	73.1	12.6	82.0	14.3	90.9	16.1
	12	46.3	8.02	55.2	9.53	64.1	11.1	68.6	12.0	73.1	12.8	82.0	14.6	90.9	16.4
	14	46.3	8.14	55.2	9.69	64.1	11.3	68.6	12.2	73.1	13.0	82.0	14.8	90.9	16.7
	16	46.3	8.27	55.2	9.85	64.1	11.5	68.6	12.4	73.1	13.3	82.0	15.1	90.9	17.0
	18	46.3	8.41	55.2	10.02	64.1	11.7	68.6	12.6	73.1	13.5	82.0	15.4	90.9	17.4
	20	46.3	8.55	55.2	10.20	64.1	12.0	68.6	12.9	73.1	13.8	82.0	15.7	90.9	17.8
	21	46.3	8.62	55.2	10.3	64.1	12.1	68.6	13.0	73.1	13.9	82.0	16.0	90.9	18.5
	23	46.3	8.77	55.2	10.5	64.1	12.3	68.6	13.4	73.1	14.6	82.0	17.1	90.9	19.8
	25	46.3	8.93	55.2	10.9	64.1	13.1	68.6	14.3	73.1	15.6	82.0	18.3	90.9	21.2
	27	46.3	9.44	55.2	11.6	64.1	14.0	68.6	15.3	73.1	16.6	82.0	19.5	90.9	22.6
	29	46.3	10.02	55.2	12.3	64.1	14.9	68.6	16.3	73.1	17.7	82.0	20.8	90.9	24.2
	31	46.3	10.6	55.2	13.1	64.1	15.9	68.6	17.3	73.1	18.9	82.0	22.2	90.9	25.8
	33	46.3	11.3	55.2	13.9	64.1	16.9	68.6	18.5	73.1	20.1	82.0	23.7	90.9	27.5
	35	46.3	11.9	55.2	14.8	64.1	17.9	68.6	19.6	73.1	21.4	82.0	25.2	90.9	29.3
	37	46.3	12.6	55.2	15.7	64.1	19.0	68.6	20.8	73.1	22.8	82.0	26.8	90.9	31.2
	39	46.3	13.4	55.2	16.6	64.1	20.2	68.6	22.1	73.1	24.2	82.0	28.5	90.9	33.2
60% (540)	10	39.7	6.87	47.3	8.06	55.0	9.33	58.8	9.99	62.6	10.7	70.3	12.1	77.9	13.5
	12	39.7	6.97	47.3	8.19	55.0	9.48	58.8	10.16	62.6	10.8	70.3	12.3	77.9	13.8
	14	39.7	7.07	47.3	8.32	55.0	9.64	58.8	10.3	62.6	11.0	70.3	12.5	77.9	14.0
	16	39.7	7.17	47.3	8.45	55.0	9.81	58.8	10.5	62.6	11.2	70.3	12.7	77.9	14.3
	18	39.7	7.28	47.3	8.59	55.0	9.98	58.8	10.7	62.6	11.4	70.3	13.0	77.9	14.6
	20	39.7	7.40	47.3	8.74	55.0	10.16	58.8	10.9	62.6	11.7	70.3	13.2	77.9	14.8
	21	39.7	7.46	47.3	8.81	55.0	10.3	58.8	11.0	62.6	11.8	70.3	13.4	77.9	15.0
	23	39.7	7.58	47.3	8.97	55.0	10.4	58.8	11.2	62.6	12.0	70.3	13.9	77.9	15.9
	25	39.7	7.71	47.3	9.13	55.0	10.8	58.8	11.8	62.6	12.8	70.3	14.8	77.9	17.0
	27	39.7	7.99	47.3	9.68	55.0	11.5	58.8	12.5	62.6	13.6	70.3	15.8	77.9	18.2
	29	39.7	8.46	47.3	10.3	55.0	12.3	58.8	13.3	62.6	14.5	70.3	16.8	77.9	19.4
	31	39.7	8.96	47.3	10.9	55.0	13.0	58.8	14.2	62.6	15.4	70.3	17.9	77.9	20.7
	33	39.7	9.48	47.3	11.5	55.0	13.8	58.8	15.1	62.6	16.3	70.3	19.1	77.9	22.0
	35	39.7	10.02	47.3	12.2	55.0	14.7	58.8	16.0	62.6	17.4	70.3	20.3	77.9	23.4
	37	39.7	10.6	47.3	13.0	55.0	15.6	58.8	17.0	62.6	18.4	70.3	21.6	77.9	24.9
	39	39.7	11.2	47.3	13.7	55.0	16.5	58.8	18.0	62.6	19.6	70.3	22.9	77.9	26.5
50% (450)	10	33.1	5.90	39.4	6.83	45.8	7.82	49.0	8.33	52.2	8.86	58.6	9.95	64.9	11.1
	12	33.1	5.98	39.4	6.93	45.8	7.94	49.0	8.46	52.2	9.00	58.6	10.12	64.9	11.3
	14	33.1	6.06	39.4	7.03	45.8	8.06	49.0	8.60	52.2	9.15	58.6	10.3	64.9	11.5
	16	33.1	6.14	39.4	7.13	45.8	8.19	49.0	8.74	52.2	9.30	58.6	10.5	64.9	11.7
	18	33.1	6.23	39.4	7.24	45.8	8.32	49.0	8.89	52.2	9.46	58.6	10.7	64.9	11.9
	20	33.1	6.32	39.4	7.36	45.8	8.46	49.0	9.04	52.2	9.63	58.6	10.9	64.9	12.1
	21	33.1	6.36	39.4	7.42	45.8	8.54	49.0	9.12	52.2	9.72	58.6	11.0	64.9	12.2
	23	33.1	6.46	39.4	7.54	45.8	8.68	49.0	9.28	52.2	9.89	58.6	11.2	64.9	12.5
	25	33.1	6.56	39.4	7.66	45.8	8.84	49.0	9.48	52.2	10.20	58.6	11.7	64.9	13.4
	27	33.1	6.66	39.4	7.93	45.8	9.33	49.0	10.07	52.2	10.8	58.6	12.5	64.9	14.2
	29	33.1	7.05	39.4	8.41	45.8	9.90	49.0	10.7	52.2	11.5	58.6	13.3	64.9	15.2
	31	33.1	7.45	39.4	8.90	45.8	10.5	49.0	11.3	52.2	12.2	58.6	14.1	64.9	16.1
	33	33.1	7.86	39.4	9.42	45.8	11.1	49.0	12.0	52.2	13.0	58.6	15.0	64.9	17.1
	35	33.1	8.30	39.4	9.96	45.8	11.8	49.0	12.7	52.2	13.8	58.6	15.9	64.9	18.2
	37	33.1	8.75	39.4	10.5	45.8	12.5	49.0	13.5	52.2	14.6	58.6	16.9	64.9	19.3
	39	33.1	9.23	39.4	11.1	45.8	13.2	49.0	14.3	52.2	15.5	58.6	17.9	64.9	20.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ38PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	92.0	14.1	110	17.2	128	20.5	132	20.9	134	20.5	137	19.7	140	18.8
	12	92.0	14.3	110	17.6	128	20.9	130	20.8	132	20.4	135	19.5	139	19.2
	14	92.0	14.6	110	17.9	127	21.2	129	20.7	130	20.3	134	20.1	137	20.3
	16	92.0	14.9	110	18.3	125	21.1	127	20.9	129	21.0	132	21.2	135	21.4
	18	92.0	15.2	110	18.6	124	21.9	125	22.0	127	22.1	130	22.3	134	22.5
	20	92.0	15.5	110	19.8	122	22.9	124	23.0	125	23.2	129	23.4	132	23.6
	21	92.0	15.9	110	20.5	121	23.5	123	23.6	124	23.7	128	23.9	131	24.2
	23	92.0	17.1	110	22.0	119	24.5	121	24.7	123	24.8	126	25.0	129	25.3
	25	92.0	18.2	110	23.6	118	25.6	119	25.7	121	25.9	124	26.1	128	26.4
	27	92.0	19.5	110	25.2	116	26.7	118	26.8	119	27.0	123	27.3	126	27.5
	29	92.0	20.8	110	27.0	114	27.8	116	27.9	118	28.1	121	28.4	124	28.7
	31	92.0	22.2	109	28.5	113	28.9	114	29.0	116	29.2	119	29.5	122	29.8
	33	92.0	23.6	108	29.6	111	30.0	112	30.1	114	30.3	117	30.6	121	31.0
	35	92.0	25.2	106	30.7	109	31.0	111	31.2	112	31.4	116	31.8	119	32.1
	37	92.0	26.8	104	31.8	107	32.2	109	32.3	111	32.5	114	32.9	117	33.3
	39	92.0	28.5	102	32.9	106	33.3	107	33.5	109	33.6	112	34.0	116	34.4
120% (1140)	10	85.0	12.9	101	15.7	118	18.7	126	20.2	132	21.1	135	20.3	138	19.5
	12	85.0	13.1	101	16.0	118	19.1	126	20.6	130	21.0	133	20.1	136	19.3
	14	85.0	13.4	101	16.3	118	19.4	126	21.0	128	20.8	131	20.0	134	20.2
	16	85.0	13.6	101	16.6	118	19.8	125	21.1	127	20.9	130	21.1	133	21.3
	18	85.0	13.9	101	17.0	118	20.5	123	21.9	125	22.0	128	22.1	131	22.3
	20	85.0	14.1	101	17.6	118	22.0	122	22.9	123	23.0	126	23.2	129	23.4
	21	85.0	14.3	101	18.3	118	22.8	121	23.4	122	23.6	125	23.8	128	24.0
	23	85.0	15.3	101	19.6	118	24.4	119	24.5	121	24.6	124	24.9	127	25.1
	25	85.0	16.3	101	21.0	116	25.5	117	25.6	119	25.7	122	26.0	125	26.2
	27	85.0	17.4	101	22.4	114	26.5	116	26.7	117	26.8	120	27.1	123	27.3
	29	85.0	18.6	101	23.9	112	27.6	114	27.7	115	27.9	119	28.2	122	28.4
	31	85.0	19.8	101	25.5	111	28.7	112	28.8	114	29.0	117	29.3	120	29.6
	33	85.0	21.1	101	27.2	109	29.8	111	29.9	112	30.1	115	30.4	118	30.7
	35	85.0	22.4	101	29.0	107	30.9	109	31.0	110	31.2	113	31.5	116	31.8
	37	85.0	23.9	101	30.9	106	31.9	107	32.1	109	32.3	112	32.6	115	33.0
	39	85.0	25.4	101	32.7	104	33.0	105	33.2	107	33.4	110	33.8	113	34.1
110% (1045)	10	77.9	11.7	92.9	14.2	108	16.9	115	18.3	123	19.7	132	20.9	135	20.1
	12	77.9	11.9	92.9	14.5	108	17.2	115	18.6	123	20.0	131	20.8	134	20.0
	14	77.9	12.1	92.9	14.8	108	17.6	115	19.0	123	20.4	129	20.7	132	20.0
	16	77.9	12.3	92.9	15.1	108	17.9	115	19.3	123	20.8	127	20.9	130	21.1
	18	77.9	12.6	92.9	15.4	108	18.3	115	19.9	123	21.8	126	22.0	128	22.2
	20	77.9	12.8	92.9	15.7	108	19.3	115	21.4	121	22.9	124	23.1	127	23.3
	21	77.9	12.9	92.9	16.1	108	20.0	115	22.1	120	23.4	123	23.6	126	23.8
	23	77.9	13.6	92.9	17.3	108	21.5	115	23.7	119	24.5	121	24.7	124	24.9
	25	77.9	14.5	92.9	18.5	108	23.0	115	25.4	117	25.5	120	25.8	122	26.0
	27	77.9	15.4	92.9	19.7	108	24.6	114	26.5	115	26.6	118	26.9	121	27.1
	29	77.9	16.5	92.9	21.1	108	26.3	112	27.6	113	27.7	116	27.9	119	28.2
	31	77.9	17.5	92.9	22.5	108	28.1	110	28.6	112	28.8	114	29.0	117	29.3
	33	77.9	18.7	92.9	24.0	107	29.6	109	29.7	110	29.9	113	30.1	116	30.4
	35	77.9	19.8	92.9	25.5	105	30.7	107	30.8	108	31.0	111	31.3	114	31.6
	37	77.9	21.1	92.9	27.2	104	31.7	105	31.9	107	32.1	109	32.4	112	32.7
	39	77.9	22.4	92.9	28.9	102	32.8	103	33.0	105	33.2	108	33.5	110	33.8
100% (950)	10	70.8	10.5	84.4	12.8	98	15.1	105	16.4	112	17.6	125	20.1	133	20.8
	12	70.8	10.7	84.4	13.0	98	15.4	105	16.7	112	17.9	125	20.5	131	20.7
	14	70.8	10.9	84.4	13.3	98	15.7	105	17.0	112	18.3	125	20.9	129	20.6
	16	70.8	11.1	84.4	13.5	98	16.0	105	17.3	112	18.6	125	21.2	127	20.9
	18	70.8	11.3	84.4	13.8	98	16.3	105	17.7	112	19.0	123	21.8	126	22.0
	20	70.8	11.5	84.4	14.0	98	16.8	105	18.6	112	20.4	122	22.9	124	23.1
	21	70.8	11.7	84.4	14.2	98	17.4	105	19.2	112	21.1	121	23.4	123	23.6
	23	70.8	12.0	84.4	15.1	98	18.7	105	20.6	112	22.6	119	24.5	122	24.7
	25	70.8	12.8	84.4	16.2	98	20.0	105	22.0	112	24.2	117	25.6	120	25.8
	27	70.8	13.6	84.4	17.3	98	21.4	105	23.6	112	25.9	116	26.7	118	26.9
	29	70.8	14.5	84.4	18.4	98	22.8	105	25.2	111	27.5	114	27.7	116	28.0
	31	70.8	15.4	84.4	19.6	98	24.3	105	26.9	110	28.6	112	28.8	115	29.1
	33	70.8	16.4	84.4	20.9	98	26.0	105	28.7	108	29.7	110	29.9	113	30.2
	35	70.8	17.4	84.4	22.2	98	27.7	105	30.6	106	30.7	109	31.0	111	31.3
	37	70.8	18.5	84.4	23.7	98	29.5	103	31.7	104	31.8	107	32.1	110	32.4
	39	70.8	19.7	84.4	25.2	98	31.4	101	32.8	103	32.9	105	33.2	108	33.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (855)	10	63.7	9.4	76.0	11.4	88.3	13.4	94.4	14.5	101	15.6	113	17.8	125	20.1
	12	63.7	9.6	76.0	11.6	88.3	13.7	94.4	14.8	101	15.9	113	18.1	125	20.4
	14	63.7	9.8	76.0	11.8	88.3	13.9	94.4	15.1	101	16.2	113	18.5	125	20.8
	16	63.7	9.9	76.0	12.0	88.3	14.2	94.4	15.3	101	16.5	113	18.9	125	21.2
	18	63.7	10.1	76.0	12.2	88.3	14.5	94.4	15.6	101	16.8	113	19.2	123	21.8
	20	63.7	10.3	76.0	12.5	88.3	14.8	94.4	16.0	101	17.5	113	20.7	121	22.9
	21	63.7	10.4	76.0	12.6	88.3	15.0	94.4	16.5	101	18.1	113	21.4	121	23.4
	23	63.7	10.6	76.0	13.1	88.3	16.1	94.4	17.7	101	19.4	113	23.0	119	24.5
	25	63.7	11.2	76.0	14.0	88.3	17.2	94.4	18.9	101	20.7	113	24.6	117	25.6
	27	63.7	11.9	76.0	14.9	88.3	18.4	94.4	20.2	101	22.1	113	26.3	116	26.7
	29	63.7	12.6	76.0	15.9	88.3	19.6	94.4	21.6	101	23.7	112	27.5	114	27.7
	31	63.7	13.4	76.0	17.0	88.3	20.9	94.4	23.0	101	25.2	110	28.6	112	28.8
	33	63.7	14.3	76.0	18.0	88.3	22.3	94.4	24.5	101	26.9	108	29.7	110	29.9
	35	63.7	15.2	76.0	19.2	88.3	23.7	94.4	26.1	101	28.7	106	30.8	109	31.0
	37	63.7	16.1	76.0	20.4	88.3	25.2	94.4	27.8	101	30.6	105	31.8	107	32.1
	39	63.7	17.1	76.0	21.7	88.3	26.8	94.4	29.6	101	32.6	103	32.9	105	33.2
80% (760)	10	56.6	8.38	67.5	10.0	78.5	11.8	83.9	12.7	89.4	13.6	100	15.5	111	17.5
	12	56.6	8.51	67.5	10.2	78.5	12.0	83.9	12.9	89.4	13.9	100	15.8	111	17.8
	14	56.6	8.65	67.5	10.4	78.5	12.2	83.9	13.2	89.4	14.1	100	16.1	111	18.2
	16	56.6	8.80	67.5	10.6	78.5	12.4	83.9	13.4	89.4	14.4	100	16.4	111	18.5
	18	56.6	8.95	67.5	10.8	78.5	12.7	83.9	13.7	89.4	14.7	100	16.8	111	18.9
	20	56.6	9.11	67.5	11.0	78.5	12.9	83.9	13.9	89.4	15.0	100	17.4	111	20.2
	21	56.6	9.19	67.5	11.1	78.5	13.1	83.9	14.1	89.4	15.3	100	18.0	111	20.9
	23	56.6	9.4	67.5	11.3	78.5	13.7	83.9	15.0	89.4	16.4	100	19.3	111	22.5
	25	56.6	9.7	67.5	12.0	78.5	14.6	83.9	16.0	89.4	17.5	100	20.6	111	24.1
	27	56.6	10.3	67.5	12.8	78.5	15.6	83.9	17.1	89.4	18.7	100	22.1	111	25.7
	29	56.6	10.9	67.5	13.6	78.5	16.6	83.9	18.2	89.4	19.9	100	23.6	111	27.5
	31	56.6	11.6	67.5	14.5	78.5	17.7	83.9	19.4	89.4	21.3	100	25.2	109	28.6
	33	56.6	12.3	67.5	15.4	78.5	18.8	83.9	20.7	89.4	22.7	100	26.8	108	29.6
	35	56.6	13.1	67.5	16.4	78.5	20.1	83.9	22.0	89.4	24.1	100	28.6	106	30.7
	37	56.6	13.8	67.5	17.4	78.5	21.3	83.9	23.5	89.4	25.7	100	30.5	104	31.8
	39	56.6	14.7	67.5	18.4	78.5	22.7	83.9	24.9	89.4	27.3	100	32.5	103	32.9
70% (665)	10	49.6	7.37	59.1	8.74	68.7	10.2	73.4	11.0	78.2	11.7	87.8	13.4	97.3	15.0
	12	49.6	7.48	59.1	8.89	68.7	10.4	73.4	11.2	78.2	12.0	87.8	13.6	97.3	15.3
	14	49.6	7.60	59.1	9.04	68.7	10.6	73.4	11.4	78.2	12.2	87.8	13.9	97.3	15.6
	16	49.6	7.72	59.1	9.19	68.7	10.8	73.4	11.6	78.2	12.4	87.8	14.1	97.3	15.9
	18	49.6	7.84	59.1	9.4	68.7	11.0	73.4	11.8	78.2	12.6	87.8	14.4	97.3	16.2
	20	49.6	7.98	59.1	9.5	68.7	11.2	73.4	12.0	78.2	12.9	87.8	14.7	97.3	16.6
	21	49.6	8.04	59.1	9.6	68.7	11.3	73.4	12.1	78.2	13.0	87.8	14.9	97.3	17.2
	23	49.6	8.18	59.1	9.8	68.7	11.5	73.4	12.5	78.2	13.6	87.8	16.0	97.3	18.5
	25	49.6	8.33	59.1	10.2	68.7	12.3	73.4	13.4	78.2	14.6	87.8	17.1	97.3	19.8
	27	49.6	8.81	59.1	10.8	68.7	13.1	73.4	14.3	78.2	15.5	87.8	18.2	97.3	21.1
	29	49.6	9.3	59.1	11.5	68.7	13.9	73.4	15.2	78.2	16.6	87.8	19.4	97.3	22.5
	31	49.6	9.9	59.1	12.2	68.7	14.8	73.4	16.2	78.2	17.6	87.8	20.7	97.3	24.1
	33	49.6	10.5	59.1	13.0	68.7	15.7	73.4	17.2	78.2	18.8	87.8	22.1	97.3	25.6
	35	49.6	11.1	59.1	13.8	68.7	16.7	73.4	18.3	78.2	20.0	87.8	23.5	97.3	27.3
	37	49.6	11.8	59.1	14.6	68.7	17.8	73.4	19.4	78.2	21.2	87.8	25.0	97.3	29.1
	39	49.6	12.5	59.1	15.5	68.7	18.9	73.4	20.7	78.2	22.6	87.8	26.6	97.3	31.0
60% (570)	10	42.5	6.41	50.7	7.52	58.8	8.70	62.9	9.3	67.0	10.0	75.2	11.3	83.4	12.6
	12	42.5	6.50	50.7	7.64	58.8	8.85	62.9	9.5	67.0	10.1	75.2	11.5	83.4	12.8
	14	42.5	6.59	50.7	7.76	58.8	9.00	62.9	9.6	67.0	10.3	75.2	11.7	83.4	13.1
	16	42.5	6.69	50.7	7.88	58.8	9.15	62.9	9.8	67.0	10.5	75.2	11.9	83.4	13.3
	18	42.5	6.80	50.7	8.01	58.8	9.3	62.9	10.0	67.0	10.7	75.2	12.1	83.4	13.6
	20	42.5	6.90	50.7	8.15	58.8	9.5	62.9	10.2	67.0	10.9	75.2	12.3	83.4	13.9
	21	42.5	6.96	50.7	8.22	58.8	9.6	62.9	10.3	67.0	11.0	75.2	12.5	83.4	14.0
	23	42.5	7.07	50.7	8.36	58.8	9.7	62.9	10.5	67.0	11.2	75.2	12.9	83.4	14.9
	25	42.5	7.19	50.7	8.52	58.8	10.1	62.9	11.0	67.0	11.9	75.2	13.8	83.4	15.9
	27	42.5	7.45	50.7	9.03	58.8	10.8	62.9	11.7	67.0	12.7	75.2	14.7	83.4	17.0
	29	42.5	7.89	50.7	9.6	58.8	11.4	62.9	12.4	67.0	13.5	75.2	15.7	83.4	18.1
	31	42.5	8.36	50.7	10.2	58.8	12.2	62.9	13.2	67.0	14.3	75.2	16.7	83.4	19.3
	33	42.5	8.84	50.7	10.8	58.8	12.9	62.9	14.1	67.0	15.2	75.2	17.8	83.4	20.5
	35	42.5	9.3	50.7	11.4	58.8	13.7	62.9	14.9	67.0	16.2	75.2	18.9	83.4	21.8
	37	42.5	9.9	50.7	12.1	58.8	14.5	62.9	15.8	67.0	17.2	75.2	20.1	83.4	23.2
	39	42.5	10.4	50.7	12.8	58.8	15.4	62.9	16.8	67.0	18.3	75.2	21.4	83.4	24.7
50% (475)	10	35.4	5.51	42.2	6.37	49.0	7.29	52.5	7.77	55.9	8.26	62.7	9.3	69.5	10.3
	12	35.4	5.58	42.2	6.46	49.0	7.41	52.5	7.90	55.9	8.40	62.7	9.4	69.5	10.5
	14	35.4	5.65	42.2	6.56	49.0	7.52	52.5	8.02	55.9	8.54	62.7	9.6	69.5	10.7
	16	35.4	5.73	42.2	6.66	49.0	7.64	52.5	8.15	55.9	8.68	62.7	9.8	69.5	10.9
	18	35.4	5.81	42.2	6.76	49.0	7.77	52.5	8.29	55.9	8.83	62.7	9.9	69.5	11.1
	20	35.4	5.89	42.2	6.86	49.0	7.90	52.5	8.43	55.9	8.98	62.7	10.1	69.5	11.3
	21	35.4	5.94	42.2	6.92	49.0	7.96	52.5	8.51	55.9	9.06	62.7	10.2	69.5	11.4
	23	35.4	6.02	42.2	7.03	49.0	8.10	52.5	8.66	55.9	9.2	62.7	10.4	69.5	11.7
	25	35.4	6.12	42.2	7.15	49.0	8.25	52.5	8.84	55.9	9.5	62.7	10.9	69.5	12.5
	27	35.4	6.21	42.2	7.40	49.0	8.70	52.5	9.4	55.9	10.1	62.7	11.6	69.5	13.3
	29	35.4	6.57	42.2	7.84	49.0	9.2	52.5	10.0	55.9	10.7	62.7	12.4	69.5	14.1
	31	35.4	6.95	42.2	8.30	49.0	9.8	52.5	10.6	55.9	11.4	62.7	13.2	69.5	15.0
	33	35.4	7.33	42.2	8.78	49.0	10.4	52.5	11.2	55.9	12.1	62.7	14.0	69.5	16.0
	35	35.4	7.74	42.2	9.3	49.0	11.0	52.5	11.9	55.9	12.8	62.7	14.8	69.5	17.0
	37	35.4	8.16	42.2	9.8	49.0	11.6	52.5	12.6	55.9	13.6	62.7	15.7	69.5	18.0
	39	35.4	8.61	42.2	10.4	49.0	12.3	52.5	13.3	55.9	14.4	62.7	16.7	69.5	19.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ40PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	98.6	15.5	118	18.9	137	22.5	142	23.0	143	22.5	147	21.6	150	20.6
	12	98.6	15.8	118	19.3	137	23.0	140	22.9	142	22.4	145	21.4	149	21.1
	14	98.6	16.1	118	19.7	136	23.2	138	22.8	140	22.3	143	22.1	147	22.3
	16	98.6	16.4	118	20.0	134	23.1	136	23.0	138	23.1	141	23.3	145	23.5
	18	98.6	16.7	118	20.4	132	24.0	134	24.1	136	24.3	140	24.5	143	24.7
	20	98.6	17.0	118	21.8	131	25.2	132	25.3	134	25.4	138	25.7	141	25.9
	21	98.6	17.5	118	22.6	130	25.8	132	25.9	133	26.0	137	26.3	140	26.5
	23	98.6	18.7	118	24.2	128	26.9	130	27.1	131	27.2	135	27.5	139	27.8
	25	98.6	20.0	118	25.9	126	28.1	128	28.3	130	28.4	133	28.7	137	29.0
	27	98.6	21.4	118	27.7	124	29.3	126	29.5	128	29.6	131	29.9	135	30.2
	29	98.6	22.8	118	29.6	122	30.5	124	30.7	126	30.8	130	31.2	133	31.5
	31	98.6	24.4	117	31.3	121	31.7	122	31.9	124	32.0	128	32.4	131	32.7
	33	98.6	26.0	115	32.5	119	32.9	121	33.1	122	33.3	126	33.6	129	34.0
	35	98.6	27.7	113	33.7	117	34.1	119	34.3	120	34.5	124	34.9	128	35.3
	37	98.6	29.4	112	34.9	115	35.3	117	35.5	119	35.7	122	36.1	126	36.5
	39	98.6	31.3	110	36.1	113	36.5	115	36.7	117	36.9	120	37.4	124	37.8
120% (1200)	10	91.0	14.1	109	17.3	126	20.5	135	22.2	141	23.1	144	22.3	148	21.4
	12	91.0	14.4	109	17.6	126	20.9	135	22.6	139	23.0	143	22.1	146	21.2
	14	91.0	14.7	109	17.9	126	21.3	135	23.0	137	22.9	141	22.0	144	22.1
	16	91.0	14.9	109	18.3	126	21.7	134	23.2	136	22.9	139	23.1	142	23.3
	18	91.0	15.2	109	18.6	126	22.5	132	24.0	134	24.1	137	24.3	140	24.5
	20	91.0	15.5	109	19.4	126	24.2	130	25.2	132	25.3	135	25.5	139	25.7
	21	91.0	15.7	109	20.1	126	25.0	129	25.7	131	25.9	134	26.1	138	26.3
	23	91.0	16.7	109	21.5	126	26.8	128	26.9	129	27.0	133	27.3	136	27.6
	25	91.0	17.9	109	23.0	124	28.0	126	28.1	127	28.2	131	28.5	134	28.8
	27	91.0	19.1	109	24.6	122	29.1	124	29.3	126	29.4	129	29.7	132	30.0
	29	91.0	20.4	109	26.3	120	30.3	122	30.5	124	30.6	127	30.9	130	31.2
	31	91.0	21.7	109	28.0	119	31.5	120	31.7	122	31.8	125	32.1	128	32.5
	33	91.0	23.1	109	29.9	117	32.7	118	32.9	120	33.0	123	33.4	127	33.7
	35	91.0	24.6	109	31.9	115	33.9	117	34.1	118	34.2	122	34.6	125	34.9
	37	91.0	26.2	109	34.0	113	35.1	115	35.3	116	35.5	120	35.8	123	36.2
	39	91.0	27.9	108	35.9	111	36.3	113	36.5	115	36.7	118	37.1	121	37.5
110% (1100)	10	83.4	12.8	100	15.6	116	18.6	124	20.1	132	21.6	142	22.9	145	22.1
	12	83.4	13.1	100	15.9	116	18.9	124	20.4	132	22.0	140	22.8	143	22.0
	14	83.4	13.3	100	16.2	116	19.3	124	20.8	132	22.4	138	22.7	141	22.0
	16	83.4	13.6	100	16.5	116	19.7	124	21.2	132	22.9	136	23.0	139	23.2
	18	83.4	13.8	100	16.9	116	20.0	124	21.8	132	24.0	135	24.2	138	24.4
	20	83.4	14.1	100	17.2	116	21.2	124	23.5	130	25.1	133	25.3	136	25.5
	21	83.4	14.2	100	17.7	116	22.0	124	24.3	129	25.7	132	25.9	135	26.1
	23	83.4	14.9	100	19.0	116	23.6	124	26.1	127	26.9	130	27.1	133	27.3
	25	83.4	15.9	100	20.3	116	25.2	124	27.9	125	28.0	128	28.3	131	28.5
	27	83.4	17.0	100	21.7	116	27.0	122	29.1	123	29.2	126	29.5	129	29.8
	29	83.4	18.1	100	23.1	116	28.8	120	30.3	121	30.4	125	30.7	128	31.0
	31	83.4	19.2	100	24.7	116	30.8	118	31.5	120	31.6	123	31.9	126	32.2
	33	83.4	20.5	100	26.3	115	32.5	116	32.6	118	32.8	121	33.1	124	33.4
	35	83.4	21.8	100	28.0	113	33.7	115	33.8	116	34.0	119	34.3	122	34.6
	37	83.4	23.2	100	29.8	111	34.9	113	35.0	114	35.2	117	35.5	120	35.9
	39	83.4	24.6	100	31.8	109	36.0	111	36.2	112	36.4	115	36.8	118	37.1
100% (1000)	10	75.9	11.6	90.5	14.0	105	16.6	112	18.0	120	19.3	134	22.1	142	22.9
	12	75.9	11.8	90.5	14.3	105	16.9	112	18.3	120	19.7	134	22.5	140	22.7
	14	75.9	12.0	90.5	14.6	105	17.3	112	18.7	120	20.1	134	22.9	138	22.6
	16	75.9	12.2	90.5	14.8	105	17.6	112	19.0	120	20.5	134	23.2	137	23.0
	18	75.9	12.4	90.5	15.1	105	17.9	112	19.4	120	20.9	132	24.0	135	24.2
	20	75.9	12.7	90.5	15.4	105	18.5	112	20.4	120	22.4	130	25.2	133	25.3
	21	75.9	12.8	90.5	15.6	105	19.1	112	21.1	120	23.2	129	25.7	132	25.9
	23	75.9	13.1	90.5	16.6	105	20.5	112	22.6	120	24.8	127	26.9	130	27.1
	25	75.9	14.0	90.5	17.7	105	21.9	112	24.2	120	26.6	126	28.1	128	28.3
	27	75.9	14.9	90.5	18.9	105	23.5	112	25.9	120	28.5	124	29.3	127	29.5
	29	75.9	15.9	90.5	20.2	105	25.0	112	27.7	119	30.2	122	30.5	125	30.7
	31	75.9	16.9	90.5	21.5	105	26.7	112	29.5	117	31.4	120	31.6	123	31.9
	33	75.9	18.0	90.5	22.9	105	28.5	112	31.5	116	32.6	118	32.8	121	33.1
	35	75.9	19.1	90.5	24.4	105	30.4	112	33.6	114	33.7	117	34.0	119	34.3
	37	75.9	20.3	90.5	26.0	105	32.4	111	34.8	112	34.9	115	35.3	117	35.6
	39	75.9	21.6	90.5	27.6	105	34.5	109	36.0	110	36.1	113	36.5	116	36.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (900)	10	68.3	10.4	81.4	12.5	94.6	14.8	101	15.9	108	17.1	121	19.6	134	22.0
	12	68.3	10.5	81.4	12.7	94.6	15.0	101	16.2	108	17.4	121	19.9	134	22.5
	14	68.3	10.7	81.4	13.0	94.6	15.3	101	16.5	108	17.8	121	20.3	134	22.9
	16	68.3	10.9	81.4	13.2	94.6	15.6	101	16.8	108	18.1	121	20.7	134	23.3
	18	68.3	11.1	81.4	13.4	94.6	15.9	101	17.2	108	18.5	121	21.1	132	24.0
	20	68.3	11.3	81.4	13.7	94.6	16.2	101	17.5	108	19.2	121	22.7	130	25.2
	21	68.3	11.4	81.4	13.8	94.6	16.5	101	18.1	108	19.8	121	23.5	129	25.7
	23	68.3	11.6	81.4	14.4	94.6	17.7	101	19.4	108	21.3	121	25.2	127	26.9
	25	68.3	12.3	81.4	15.4	94.6	18.9	101	20.8	108	22.8	121	27.0	126	28.1
	27	68.3	13.0	81.4	16.4	94.6	20.2	101	22.2	108	24.3	121	28.9	124	29.3
	29	68.3	13.9	81.4	17.5	94.6	21.5	101	23.7	108	26.0	119	30.2	122	30.5
	31	68.3	14.8	81.4	18.6	94.6	22.9	101	25.3	108	27.7	118	31.4	120	31.6
	33	68.3	15.7	81.4	19.8	94.6	24.4	101	26.9	108	29.6	116	32.6	118	32.8
	35	68.3	16.6	81.4	21.1	94.6	26.0	101	28.7	108	31.5	114	33.8	116	34.0
	37	68.3	17.7	81.4	22.4	94.6	27.7	101	30.6	108	33.6	112	35.0	115	35.2
	39	68.3	18.7	81.4	23.8	94.6	29.5	101	32.6	108	35.8	110	36.2	113	36.5
80% (800)	10	60.7	9.2	72.4	11.0	84.1	12.9	89.9	13.9	95.8	15.0	107	17.1	119	19.2
	12	60.7	9.3	72.4	11.2	84.1	13.2	89.9	14.2	95.8	15.2	107	17.4	119	19.6
	14	60.7	9.5	72.4	11.4	84.1	13.4	89.9	14.5	95.8	15.5	107	17.7	119	20.0
	16	60.7	9.7	72.4	11.6	84.1	13.7	89.9	14.7	95.8	15.8	107	18.1	119	20.4
	18	60.7	9.8	72.4	11.8	84.1	13.9	89.9	15.0	95.8	16.1	107	18.4	119	20.8
	20	60.7	10.0	72.4	12.0	84.1	14.2	89.9	15.3	95.8	16.5	107	19.1	119	22.2
	21	60.7	10.1	72.4	12.2	84.1	14.3	89.9	15.5	95.8	16.8	107	19.8	119	23.0
	23	60.7	10.3	72.4	12.4	84.1	15.0	89.9	16.5	95.8	18.0	107	21.2	119	24.7
	25	60.7	10.6	72.4	13.2	84.1	16.1	89.9	17.6	95.8	19.2	107	22.7	119	26.4
	27	60.7	11.3	72.4	14.1	84.1	17.1	89.9	18.8	95.8	20.5	107	24.2	119	28.3
	29	60.7	12.0	72.4	15.0	84.1	18.3	89.9	20.0	95.8	21.9	107	25.9	119	30.2
	31	60.7	12.7	72.4	15.9	84.1	19.4	89.9	21.3	95.8	23.3	107	27.6	117	31.4
	33	60.7	13.5	72.4	16.9	84.1	20.7	89.9	22.7	95.8	24.9	107	29.5	115	32.6
	35	60.7	14.3	72.4	18.0	84.1	22.0	89.9	24.2	95.8	26.5	107	31.4	114	33.7
	37	60.7	15.2	72.4	19.1	84.1	23.4	89.9	25.8	95.8	28.2	107	33.5	112	34.9
	39	60.7	16.1	72.4	20.3	84.1	24.9	89.9	27.4	95.8	30.0	107	35.6	110	36.1
70% (700)	10	53.1	8.09	63.3	9.6	73.6	11.2	78.7	12.0	83.8	12.9	94.0	14.7	104	16.5
	12	53.1	8.21	63.3	9.8	73.6	11.4	78.7	12.3	83.8	13.1	94.0	14.9	104	16.8
	14	53.1	8.34	63.3	9.9	73.6	11.6	78.7	12.5	83.8	13.4	94.0	15.2	104	17.1
	16	53.1	8.47	63.3	10.1	73.6	11.8	78.7	12.7	83.8	13.6	94.0	15.5	104	17.4
	18	53.1	8.61	63.3	10.3	73.6	12.0	78.7	12.9	83.8	13.9	94.0	15.8	104	17.8
	20	53.1	8.76	63.3	10.5	73.6	12.3	78.7	13.2	83.8	14.1	94.0	16.1	104	18.3
	21	53.1	8.83	63.3	10.5	73.6	12.4	78.7	13.3	83.8	14.3	94.0	16.4	104	18.9
	23	53.1	9.0	63.3	10.7	73.6	12.6	78.7	13.8	83.8	15.0	94.0	17.5	104	20.3
	25	53.1	9.1	63.3	11.2	73.6	13.5	78.7	14.7	83.8	16.0	94.0	18.7	104	21.7
	27	53.1	9.7	63.3	11.9	73.6	14.3	78.7	15.7	83.8	17.1	94.0	20.0	104	23.2
	29	53.1	10.3	63.3	12.6	73.6	15.3	78.7	16.7	83.8	18.2	94.0	21.3	104	24.8
	31	53.1	10.9	63.3	13.4	73.6	16.3	78.7	17.8	83.8	19.4	94.0	22.7	104	26.4
	33	53.1	11.5	63.3	14.3	73.6	17.3	78.7	18.9	83.8	20.6	94.0	24.2	104	28.2
	35	53.1	12.2	63.3	15.1	73.6	18.4	78.7	20.1	83.8	21.9	94.0	25.8	104	30.0
	37	53.1	12.9	63.3	16.0	73.6	19.5	78.7	21.4	83.8	23.3	94.0	27.5	104	32.0
	39	53.1	13.7	63.3	17.0	73.6	20.7	78.7	22.7	83.8	24.8	94.0	29.2	104	34.1
60% (600)	10	45.5	7.04	54.3	8.26	63.1	9.6	67.4	10.2	71.8	10.9	80.6	12.4	89.4	13.8
	12	45.5	7.14	54.3	8.39	63.1	9.7	67.4	10.4	71.8	11.1	80.6	12.6	89.4	14.1
	14	45.5	7.24	54.3	8.52	63.1	9.9	67.4	10.6	71.8	11.3	80.6	12.8	89.4	14.4
	16	45.5	7.35	54.3	8.66	63.1	10.0	67.4	10.8	71.8	11.5	80.6	13.0	89.4	14.6
	18	45.5	7.46	54.3	8.80	63.1	10.2	67.4	11.0	71.8	11.7	80.6	13.3	89.4	14.9
	20	45.5	7.58	54.3	8.95	63.1	10.4	67.4	11.2	71.8	11.9	80.6	13.5	89.4	15.2
	21	45.5	7.64	54.3	9.0	63.1	10.5	67.4	11.3	71.8	12.1	80.6	13.7	89.4	15.4
	23	45.5	7.76	54.3	9.2	63.1	10.7	67.4	11.5	71.8	12.3	80.6	14.2	89.4	16.3
	25	45.5	7.89	54.3	9.4	63.1	11.1	67.4	12.1	71.8	13.1	80.6	15.2	89.4	17.4
	27	45.5	8.18	54.3	9.9	63.1	11.8	67.4	12.8	71.8	13.9	80.6	16.2	89.4	18.6
	29	45.5	8.67	54.3	10.5	63.1	12.6	67.4	13.7	71.8	14.8	80.6	17.2	89.4	19.9
	31	45.5	9.2	54.3	11.2	63.1	13.4	67.4	14.5	71.8	15.8	80.6	18.4	89.4	21.2
	33	45.5	9.7	54.3	11.8	63.1	14.2	67.4	15.4	71.8	16.7	80.6	19.5	89.4	22.5
	35	45.5	10.3	54.3	12.5	63.1	15.0	67.4	16.4	71.8	17.8	80.6	20.8	89.4	24.0
	37	45.5	10.8	54.3	13.3	63.1	15.9	67.4	17.4	71.8	18.9	80.6	22.1	89.4	25.5
	39	45.5	11.5	54.3	14.0	63.1	16.9	67.4	18.4	71.8	20.0	80.6	23.5	89.4	27.2
50% (500)	10	37.9	6.05	45.2	7.00	52.5	8.01	56.2	8.54	59.9	9.1	67.2	10.2	74.5	11.4
	12	37.9	6.13	45.2	7.10	52.5	8.13	56.2	8.67	59.9	9.2	67.2	10.4	74.5	11.5
	14	37.9	6.21	45.2	7.20	52.5	8.26	56.2	8.81	59.9	9.4	67.2	10.5	74.5	11.8
	16	37.9	6.29	45.2	7.31	52.5	8.39	56.2	8.95	59.9	9.5	67.2	10.7	74.5	12.0
	18	37.9	6.38	45.2	7.42	52.5	8.53	56.2	9.1	59.9	9.7	67.2	10.9	74.5	12.2
	20	37.9	6.47	45.2	7.54	52.5	8.67	56.2	9.3	59.9	9.9	67.2	11.1	74.5	12.4
	21	37.9	6.52	45.2	7.60	52.5	8.74	56.2	9.3	59.9	10.0	67.2	11.2	74.5	12.5
	23	37.9	6.61	45.2	7.72	52.5	8.90	56.2	9.5	59.9	10.1	67.2	11.4	74.5	12.8
	25	37.9	6.72	45.2	7.85	52.5	9.1	56.2	9.7	59.9	10.4	67.2	12.0	74.5	13.7
	27	37.9	6.82	45.2	8.13	52.5	9.6	56.2	10.3	59.9	11.1	67.2	12.8	74.5	14.6
	29	37.9	7.22	45.2	8.61	52.5	10.1	56.2	11.0	59.9	11.8	67.2	13.6	74.5	15.5
	31	37.9	7.63	45.2	9.1	52.5	10.8	56.2	11.6	59.9	12.5	67.2	14.5	74.5	16.5
	33	37.9	8.05	45.2	9.6	52.5	11.4	56.2	12.3	59.9	13.3	67.2	15.3	74.5	17.6
	35	37.9	8.50	45.2	10.2	52.5	12.1	56.2	13.1	59.9	14.1	67.2	16.3	74.5	18.7
	37	37.9	8.96	45.2	10.8	52.5	12.8	56.2	13.8	59.9	14.9	67.2	17.3	74.5	19.8
	39	37.9	9.5	45.2	11.4	52.5	13.5	56.2	14.6	59.9	15.8	67.2	18.3	74.5	21.0

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ42PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	102	16.5	122	20.2	141	24.0	147	24.5	148	24.0	152	23.0	156	22.0
	12	102	16.8	122	20.6	141	24.5	145	24.4	147	23.9	150	22.8	154	22.5
	14	102	17.1	122	21.0	141	24.8	143	24.3	145	23.7	148	23.5	152	23.8
	16	102	17.4	122	21.4	139	24.6	141	24.5	143	24.6	146	24.8	150	25.1
	18	102	17.8	122	21.8	137	25.6	139	25.7	141	25.8	145	26.1	148	26.3
	20	102	18.1	122	23.2	135	26.8	137	27.0	139	27.1	143	27.4	146	27.6
	21	102	18.6	122	24.0	134	27.5	136	27.6	138	27.7	142	28.0	145	28.3
	23	102	20.0	122	25.8	132	28.7	134	28.9	136	29.0	140	29.3	144	29.6
	25	102	21.3	122	27.6	131	30.0	132	30.1	134	30.3	138	30.6	142	30.9
	27	102	22.8	122	29.5	129	31.2	131	31.4	132	31.6	136	31.9	140	32.2
	29	102	24.3	122	31.5	127	32.5	129	32.7	130	32.8	134	33.2	138	33.5
	31	102	25.9	121	33.4	125	33.8	127	33.9	129	34.1	132	34.5	136	34.9
	33	102	27.7	119	34.7	123	35.0	125	35.2	127	35.4	130	35.8	134	36.2
	35	102	29.5	117	35.9	121	36.3	123	36.5	125	36.7	128	37.1	132	37.6
	37	102	31.4	116	37.2	119	37.6	121	37.8	123	38.0	127	38.5	130	38.9
	39	102	33.4	114	38.5	117	38.9	119	39.1	121	39.4	125	39.8	128	40.3
120% (1260)	10	94.3	15.1	112	18.4	131	21.9	140	23.6	146	24.6	150	23.7	153	22.8
	12	94.3	15.3	112	18.7	131	22.3	140	24.1	144	24.5	148	23.6	151	22.6
	14	94.3	15.6	112	19.1	131	22.7	140	24.6	142	24.4	146	23.4	149	23.6
	16	94.3	15.9	112	19.5	131	23.2	139	24.7	140	24.4	144	24.6	147	24.9
	18	94.3	16.2	112	19.9	131	24.0	137	25.6	139	25.7	142	25.9	145	26.1
	20	94.3	16.5	112	20.6	131	25.7	135	26.8	137	26.9	140	27.2	143	27.4
	21	94.3	16.7	112	21.4	131	26.7	134	27.4	136	27.6	139	27.8	143	28.1
	23	94.3	17.8	112	22.9	130	28.5	132	28.7	134	28.8	137	29.1	141	29.4
	25	94.3	19.1	112	24.5	129	29.8	130	29.9	132	30.1	135	30.4	139	30.7
	27	94.3	20.4	112	26.2	127	31.0	128	31.2	130	31.3	133	31.7	137	32.0
	29	94.3	21.7	112	28.0	125	32.3	126	32.5	128	32.6	132	32.9	135	33.3
	31	94.3	23.1	112	29.9	123	33.6	125	33.7	126	33.9	130	34.2	133	34.6
	33	94.3	24.7	112	31.9	121	34.8	123	35.0	124	35.2	128	35.5	131	35.9
	35	94.3	26.2	112	34.0	119	36.1	121	36.3	122	36.5	126	36.9	129	37.2
	37	94.3	27.9	112	36.2	117	37.4	119	37.6	121	37.8	124	38.2	127	38.6
	39	94.3	29.7	112	38.2	115	38.7	117	38.9	119	39.1	122	39.5	125	39.9
110% (1155)	10	86.4	13.7	103	16.7	120	19.8	128	21.4	136	23.0	147	24.4	150	23.6
	12	86.4	13.9	103	17.0	120	20.2	128	21.8	136	23.4	145	24.3	148	23.4
	14	86.4	14.2	103	17.3	120	20.5	128	22.2	136	23.9	143	24.2	146	23.4
	16	86.4	14.4	103	17.6	120	20.9	128	22.6	136	24.3	141	24.5	144	24.7
	18	86.4	14.7	103	18.0	120	21.4	128	23.3	136	25.5	139	25.7	142	25.9
	20	86.4	15.0	103	18.3	120	22.6	128	25.0	134	26.8	137	27.0	141	27.2
	21	86.4	15.1	103	18.9	120	23.4	128	25.9	133	27.4	137	27.6	140	27.9
	23	86.4	15.9	103	20.2	120	25.1	128	27.8	131	28.6	135	28.9	138	29.1
	25	86.4	16.9	103	21.6	120	26.9	128	29.8	130	29.9	133	30.1	136	30.4
	27	86.4	18.1	103	23.1	120	28.8	126	31.0	128	31.1	131	31.4	134	31.7
	29	86.4	19.3	103	24.7	120	30.7	124	32.3	126	32.4	129	32.7	132	33.0
	31	86.4	20.5	103	26.3	120	32.8	122	33.5	124	33.7	127	34.0	130	34.3
	33	86.4	21.8	103	28.0	119	34.6	120	34.8	122	34.9	125	35.3	128	35.6
	35	86.4	23.2	103	29.9	117	35.9	119	36.0	120	36.2	123	36.6	126	36.9
	37	86.4	24.7	103	31.8	115	37.1	117	37.3	118	37.5	121	37.9	124	38.2
	39	86.4	26.2	103	33.9	113	38.4	115	38.6	116	38.8	119	39.2	123	39.6
100% (1050)	10	78.6	12.3	93.7	15.0	109	17.7	116	19.1	124	20.6	139	23.5	147	24.4
	12	78.6	12.6	93.7	15.2	109	18.1	116	19.5	124	21.0	139	24.0	145	24.2
	14	78.6	12.8	93.7	15.5	109	18.4	116	19.9	124	21.4	139	24.4	143	24.1
	16	78.6	13.0	93.7	15.8	109	18.8	116	20.3	124	21.8	139	24.8	141	24.5
	18	78.6	13.2	93.7	16.1	109	19.1	116	20.7	124	22.2	137	25.6	140	25.8
	20	78.6	13.5	93.7	16.4	109	19.7	116	21.7	124	23.8	135	26.8	138	27.0
	21	78.6	13.6	93.7	16.6	109	20.4	116	22.5	124	24.7	134	27.4	137	27.6
	23	78.6	14.0	93.7	17.7	109	21.9	116	24.1	124	26.5	132	28.7	135	28.9
	25	78.6	14.9	93.7	18.9	109	23.4	116	25.8	124	28.3	130	29.9	133	30.2
	27	78.6	15.9	93.7	20.2	109	25.0	116	27.6	124	30.3	128	31.2	131	31.4
	29	78.6	16.9	93.7	21.5	109	26.7	116	29.5	123	32.2	126	32.5	129	32.7
	31	78.6	18.0	93.7	22.9	109	28.5	116	31.5	122	33.4	124	33.7	127	34.0
	33	78.6	19.2	93.7	24.4	109	30.4	116	33.6	120	34.7	123	35.0	125	35.3
	35	78.6	20.4	93.7	26.0	109	32.4	116	35.8	118	36.0	121	36.3	123	36.6
	37	78.6	21.6	93.7	27.7	109	34.5	115	37.1	116	37.2	119	37.6	122	37.9
	39	78.6	23.0	93.7	29.4	109	36.7	113	38.3	114	38.5	117	38.9	120	39.2

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (945)	10	70.7	11.0	84.3	13.3	97.9	15.7	105	17.0	112	18.2	125	20.8	139	23.5
	12	70.7	11.2	84.3	13.6	97.9	16.0	105	17.3	112	18.6	125	21.2	139	23.9
	14	70.7	11.4	84.3	13.8	97.9	16.3	105	17.6	112	18.9	125	21.6	139	24.4
	16	70.7	11.6	84.3	14.1	97.9	16.6	105	18.0	112	19.3	125	22.1	139	24.8
	18	70.7	11.8	84.3	14.3	97.9	16.9	105	18.3	112	19.7	125	22.5	137	25.6
	20	70.7	12.1	84.3	14.6	97.9	17.3	105	18.7	112	20.4	125	24.2	135	26.8
	21	70.7	12.2	84.3	14.7	97.9	17.6	105	19.3	112	21.1	125	25.0	134	27.4
	23	70.7	12.4	84.3	15.4	97.9	18.8	105	20.7	112	22.7	125	26.9	132	28.7
	25	70.7	13.1	84.3	16.4	97.9	20.1	105	22.1	112	24.2	125	28.8	130	29.9
	27	70.7	13.9	84.3	17.5	97.9	21.5	105	23.6	112	25.9	125	30.8	128	31.2
	29	70.7	14.8	84.3	18.6	97.9	22.9	105	25.2	112	27.7	124	32.2	126	32.4
	31	70.7	15.7	84.3	19.8	97.9	24.4	105	26.9	112	29.5	122	33.5	124	33.7
	33	70.7	16.7	84.3	21.1	97.9	26.0	105	28.7	112	31.5	120	34.7	122	35.0
	35	70.7	17.7	84.3	22.4	97.9	27.7	105	30.6	112	33.6	118	36.0	121	36.3
	37	70.7	18.8	84.3	23.9	97.9	29.5	105	32.6	112	35.8	116	37.3	119	37.6
	39	70.7	20.0	84.3	25.4	97.9	31.4	105	34.7	112	38.1	114	38.5	117	38.8
80% (840)	10	62.8	9.8	75.0	11.7	87.1	13.8	93.1	14.9	99	15.9	111	18.2	123	20.5
	12	62.8	10.0	75.0	11.9	87.1	14.0	93.1	15.1	99	16.2	111	18.5	123	20.9
	14	62.8	10.1	75.0	12.1	87.1	14.3	93.1	15.4	99	16.5	111	18.9	123	21.3
	16	62.8	10.3	75.0	12.4	87.1	14.6	93.1	15.7	99	16.9	111	19.2	123	21.7
	18	62.8	10.5	75.0	12.6	87.1	14.8	93.1	16.0	99	17.2	111	19.6	123	22.1
	20	62.8	10.7	75.0	12.8	87.1	15.1	93.1	16.3	99	17.5	111	20.3	123	23.7
	21	62.8	10.8	75.0	13.0	87.1	15.3	93.1	16.5	99	17.9	111	21.1	123	24.5
	23	62.8	11.0	75.0	13.2	87.1	16.0	93.1	17.5	99	19.1	111	22.6	123	26.3
	25	62.8	11.3	75.0	14.1	87.1	17.1	93.1	18.8	99	20.5	111	24.1	123	28.1
	27	62.8	12.0	75.0	15.0	87.1	18.3	93.1	20.0	99	21.9	111	25.8	123	30.1
	29	62.8	12.8	75.0	15.9	87.1	19.5	93.1	21.3	99	23.3	111	27.6	123	32.2
	31	62.8	13.6	75.0	17.0	87.1	20.7	93.1	22.7	99	24.9	111	29.4	121	33.4
	33	62.8	14.4	75.0	18.0	87.1	22.1	93.1	24.2	99	26.5	111	31.4	120	34.7
	35	62.8	15.3	75.0	19.1	87.1	23.5	93.1	25.8	99	28.2	111	33.5	118	35.9
	37	62.8	16.2	75.0	20.3	87.1	24.9	93.1	27.4	99	30.1	111	35.7	116	37.2
	39	62.8	17.2	75.0	21.6	87.1	26.5	93.1	29.2	99	32.0	111	38.0	114	38.5
70% (735)	10	55.0	8.62	65.6	10.2	76.2	11.9	81.5	12.8	86.8	13.7	97.4	15.6	108	17.6
	12	55.0	8.75	65.6	10.4	76.2	12.1	81.5	13.1	86.8	14.0	97.4	15.9	108	17.9
	14	55.0	8.89	65.6	10.6	76.2	12.4	81.5	13.3	86.8	14.2	97.4	16.2	108	18.2
	16	55.0	9.0	65.6	10.8	76.2	12.6	81.5	13.5	86.8	14.5	97.4	16.5	108	18.6
	18	55.0	9.2	65.6	10.9	76.2	12.8	81.5	13.8	86.8	14.8	97.4	16.8	108	19.0
	20	55.0	9.3	65.6	11.1	76.2	13.1	81.5	14.1	86.8	15.1	97.4	17.2	108	19.5
	21	55.0	9.4	65.6	11.2	76.2	13.2	81.5	14.2	86.8	15.2	97.4	17.4	108	20.2
	23	55.0	9.6	65.6	11.4	76.2	13.5	81.5	14.7	86.8	15.9	97.4	18.7	108	21.6
	25	55.0	9.7	65.6	11.9	76.2	14.3	81.5	15.7	86.8	17.0	97.4	20.0	108	23.1
	27	55.0	10.3	65.6	12.7	76.2	15.3	81.5	16.7	86.8	18.2	97.4	21.3	108	24.7
	29	55.0	10.9	65.6	13.5	76.2	16.3	81.5	17.8	86.8	19.4	97.4	22.7	108	26.4
	31	55.0	11.6	65.6	14.3	76.2	17.3	81.5	18.9	86.8	20.6	97.4	24.2	108	28.1
	33	55.0	12.3	65.6	15.2	76.2	18.4	81.5	20.1	86.8	22.0	97.4	25.8	108	30.0
	35	55.0	13.0	65.6	16.1	76.2	19.6	81.5	21.4	86.8	23.4	97.4	27.5	108	32.0
	37	55.0	13.8	65.6	17.1	76.2	20.8	81.5	22.8	86.8	24.8	97.4	29.3	108	34.1
	39	55.0	14.6	65.6	18.1	76.2	22.1	81.5	24.2	86.8	26.4	97.4	31.1	108	36.3
60% (630)	10	47.1	7.50	56.2	8.80	65.3	10.2	69.8	10.9	74.4	11.6	83.5	13.2	92.5	14.8
	12	47.1	7.60	56.2	8.94	65.3	10.4	69.8	11.1	74.4	11.8	83.5	13.4	92.5	15.0
	14	47.1	7.71	56.2	9.1	65.3	10.5	69.8	11.3	74.4	12.0	83.5	13.6	92.5	15.3
	16	47.1	7.83	56.2	9.2	65.3	10.7	69.8	11.5	74.4	12.3	83.5	13.9	92.5	15.6
	18	47.1	7.95	56.2	9.4	65.3	10.9	69.8	11.7	74.4	12.5	83.5	14.2	92.5	15.9
	20	47.1	8.07	56.2	9.5	65.3	11.1	69.8	11.9	74.4	12.7	83.5	14.4	92.5	16.2
	21	47.1	8.14	56.2	9.6	65.3	11.2	69.8	12.0	74.4	12.8	83.5	14.6	92.5	16.4
	23	47.1	8.27	56.2	9.8	65.3	11.4	69.8	12.2	74.4	13.1	83.5	15.1	92.5	17.4
	25	47.1	8.41	56.2	10.0	65.3	11.8	69.8	12.9	74.4	13.9	83.5	16.2	92.5	18.6
	27	47.1	8.72	56.2	10.6	65.3	12.6	69.8	13.7	74.4	14.8	83.5	17.2	92.5	19.8
	29	47.1	9.2	56.2	11.2	65.3	13.4	69.8	14.6	74.4	15.8	83.5	18.4	92.5	21.2
	31	47.1	9.8	56.2	11.9	65.3	14.2	69.8	15.5	74.4	16.8	83.5	19.6	92.5	22.6
	33	47.1	10.3	56.2	12.6	65.3	15.1	69.8	16.4	74.4	17.8	83.5	20.8	92.5	24.0
	35	47.1	10.9	56.2	13.4	65.3	16.0	69.8	17.5	74.4	18.9	83.5	22.1	92.5	25.6
	37	47.1	11.6	56.2	14.1	65.3	17.0	69.8	18.5	74.4	20.1	83.5	23.5	92.5	27.2
	39	47.1	12.2	56.2	15.0	65.3	18.0	69.8	19.6	74.4	21.4	83.5	25.0	92.5	28.9
50% (525)	10	39.3	6.44	46.8	7.46	54.4	8.53	58.2	9.1	62.0	9.7	69.6	10.9	77.1	12.1
	12	39.3	6.53	46.8	7.56	54.4	8.66	58.2	9.2	62.0	9.8	69.6	11.0	77.1	12.3
	14	39.3	6.61	46.8	7.67	54.4	8.80	58.2	9.4	62.0	10.0	69.6	11.2	77.1	12.5
	16	39.3	6.70	46.8	7.79	54.4	8.94	58.2	9.5	62.0	10.2	69.6	11.4	77.1	12.8
	18	39.3	6.80	46.8	7.91	54.4	9.1	58.2	9.7	62.0	10.3	69.6	11.6	77.1	13.0
	20	39.3	6.89	46.8	8.03	54.4	9.2	58.2	9.9	62.0	10.5	69.6	11.8	77.1	13.2
	21	39.3	6.94	46.8	8.09	54.4	9.3	58.2	10.0	62.0	10.6	69.6	12.0	77.1	13.4
	23	39.3	7.05	46.8	8.23	54.4	9.5	58.2	10.1	62.0	10.8	69.6	12.2	77.1	13.7
	25	39.3	7.16	46.8	8.36	54.4	9.6	58.2	10.3	62.0	11.1	69.6	12.8	77.1	14.6
	27	39.3	7.27	46.8	8.66	54.4	10.2	58.2	11.0	62.0	11.8	69.6	13.6	77.1	15.5
	29	39.3	7.69	46.8	9.2	54.4	10.8	58.2	11.7	62.0	12.6	69.6	14.5	77.1	16.5
	31	39.3	8.13	46.8	9.7	54.4	11.5	58.2	12.4	62.0	13.4	69.6	15.4	77.1	17.6
	33	39.3	8.58	46.8	10.3	54.4	12.1	58.2	13.1	62.0	14.2	69.6	16.4	77.1	18.7
	35	39.3	9.1	46.8	10.9	54.4	12.9	58.2	13.9	62.0	15.0	69.6	17.4	77.1	19.9
	37	39.3	9.6	46.8	11.5	54.4	13.6	58.2	14.7	62.0	15.9	69.6	18.4	77.1	21.1
	39	39.3	10.1	46.8	12.1	54.4	14.4	58.2	15.6	62.0	16.9	69.6	19.5	77.1	22.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ44PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	106	17.5	126	21.4	146	25.5	152	26.0	154	25.5	157	24.4	161	23.3
	12	106	17.8	126	21.8	146	26.0	150	25.9	152	25.3	155	24.2	159	23.9
	14	106	18.2	126	22.2	146	26.3	148	25.7	150	25.2	153	25.0	157	25.2
	16	106	18.5	126	22.7	144	26.2	146	26.0	148	26.1	151	26.3	155	26.6
	18	106	18.9	126	23.1	142	27.2	144	27.3	146	27.4	150	27.7	153	28.0
	20	106	19.2	126	24.6	140	28.5	142	28.6	144	28.8	148	29.0	151	29.3
	21	106	19.8	126	25.5	139	29.1	141	29.3	143	29.4	147	29.7	150	30.0
	23	106	21.2	126	27.4	137	30.5	139	30.6	141	30.8	145	31.1	148	31.4
	25	106	22.7	126	29.3	135	31.8	137	32.0	139	32.1	143	32.5	146	32.8
	27	106	24.2	126	31.3	133	33.1	135	33.3	137	33.5	141	33.8	145	34.2
	29	106	25.8	126	33.5	131	34.5	133	34.7	135	34.9	139	35.2	143	35.6
	31	106	27.5	125	35.4	129	35.8	131	36.0	133	36.2	137	36.6	141	37.0
	33	106	29.4	123	36.8	127	37.2	129	37.4	131	37.6	135	38.0	139	38.4
	35	106	31.3	121	38.1	125	38.6	127	38.8	129	39.0	133	39.4	137	39.9
	37	106	33.3	119	39.5	123	39.9	125	40.2	127	40.4	131	40.8	135	41.3
	39	106	35.5	118	40.8	121	41.3	123	41.5	125	41.8	129	42.3	133	42.8
120% (1320)	10	98	16.0	116	19.5	135	23.2	144	25.1	151	26.1	155	25.2	158	24.2
	12	98	16.3	116	19.9	135	23.7	144	25.6	149	26.0	153	25.0	156	24.0
	14	98	16.6	116	20.3	135	24.1	144	26.1	147	25.9	151	24.9	154	25.0
	16	98	16.9	116	20.7	135	24.6	144	26.3	145	25.9	149	26.2	152	26.4
	18	98	17.2	116	21.1	135	25.4	142	27.1	143	27.3	147	27.5	150	27.7
	20	98	17.6	116	21.9	135	27.3	140	28.5	141	28.6	145	28.8	148	29.1
	21	98	17.7	116	22.7	135	28.3	139	29.1	140	29.3	144	29.5	147	29.8
	23	98	18.9	116	24.3	135	30.3	137	30.4	138	30.6	142	30.9	145	31.2
	25	98	20.2	116	26.0	133	31.6	135	31.8	136	31.9	140	32.2	143	32.5
	27	98	21.6	116	27.8	131	33.0	133	33.1	134	33.3	138	33.6	142	33.9
	29	98	23.0	116	29.7	129	34.3	131	34.5	133	34.6	136	35.0	140	35.3
	31	98	24.6	116	31.7	127	35.6	129	35.8	131	36.0	134	36.3	138	36.7
	33	98	26.2	116	33.8	125	37.0	127	37.2	129	37.3	132	37.7	136	38.1
	35	98	27.9	116	36.1	123	38.3	125	38.5	127	38.7	130	39.1	134	39.5
	37	98	29.6	116	38.4	121	39.7	123	39.9	125	40.1	128	40.5	132	40.9
	39	98	31.5	116	40.6	119	41.0	121	41.3	123	41.5	126	41.9	130	42.4
110% (1210)	10	89.4	14.5	107	17.7	124	21.0	132	22.7	141	24.4	152	25.9	155	25.0
	12	89.4	14.8	107	18.0	124	21.4	132	23.1	141	24.9	150	25.8	153	24.9
	14	89.4	15.0	107	18.3	124	21.8	132	23.6	141	25.4	148	25.6	151	24.9
	16	89.4	15.3	107	18.7	124	22.2	132	24.0	141	25.8	146	26.0	149	26.2
	18	89.4	15.6	107	19.1	124	22.7	132	24.7	141	27.1	144	27.3	147	27.5
	20	89.4	15.9	107	19.4	124	24.0	132	26.5	139	28.4	142	28.6	145	28.9
	21	89.4	16.1	107	20.0	124	24.9	132	27.5	138	29.1	141	29.3	144	29.6
	23	89.4	16.8	107	21.5	124	26.7	132	29.5	136	30.4	139	30.7	142	30.9
	25	89.4	18.0	107	22.9	124	28.5	132	31.6	134	31.7	137	32.0	141	32.3
	27	89.4	19.2	107	24.5	124	30.5	130	32.9	132	33.1	135	33.4	139	33.6
	29	89.4	20.4	107	26.2	124	32.6	129	34.2	130	34.4	133	34.7	137	35.0
	31	89.4	21.8	107	27.9	124	34.8	127	35.6	128	35.7	131	36.1	135	36.4
	33	89.4	23.2	107	29.7	123	36.7	125	36.9	126	37.1	129	37.4	133	37.8
	35	89.4	24.6	107	31.7	121	38.1	123	38.3	124	38.4	127	38.8	131	39.2
	37	89.4	26.2	107	33.8	119	39.4	121	39.6	122	39.8	126	40.2	129	40.6
	39	89.4	27.9	107	35.9	117	40.8	119	41.0	120	41.2	124	41.6	127	42.0
100% (1100)	10	81.3	13.1	96.9	15.9	113	18.8	120	20.3	128	21.9	144	25.0	152	25.9
	12	81.3	13.3	96.9	16.2	113	19.2	120	20.7	128	22.3	144	25.5	150	25.7
	14	81.3	13.6	96.9	16.5	113	19.5	120	21.1	128	22.7	144	25.9	148	25.6
	16	81.3	13.8	96.9	16.8	113	19.9	120	21.5	128	23.1	143	26.3	146	26.0
	18	81.3	14.1	96.9	17.1	113	20.3	120	21.9	128	23.6	141	27.1	144	27.3
	20	81.3	14.3	96.9	17.4	113	20.9	120	23.0	128	25.3	139	28.4	142	28.7
	21	81.3	14.5	96.9	17.6	113	21.7	120	23.9	128	26.2	139	29.1	141	29.3
	23	81.3	14.9	96.9	18.8	113	23.2	120	25.6	128	28.1	137	30.4	139	30.7
	25	81.3	15.8	96.9	20.1	113	24.8	120	27.4	128	30.1	135	31.8	138	32.0
	27	81.3	16.9	96.9	21.4	113	26.5	120	29.3	128	32.2	133	33.1	136	33.4
	29	81.3	18.0	96.9	22.9	113	28.3	120	31.3	128	34.2	131	34.4	134	34.7
	31	81.3	19.1	96.9	24.4	113	30.2	120	33.4	126	35.5	129	35.8	132	36.1
	33	81.3	20.4	96.9	25.9	113	32.2	120	35.6	124	36.8	127	37.1	130	37.5
	35	81.3	21.6	96.9	27.6	113	34.3	120	38.0	122	38.2	125	38.5	128	38.8
	37	81.3	23.0	96.9	29.4	113	36.6	118	39.3	120	39.5	123	39.9	126	40.2
	39	81.3	24.4	96.9	31.3	113	39.0	116	40.7	118	40.9	121	41.2	124	41.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (990)	10	73.1	11.7	87.2	14.1	101	16.7	108	18.0	115	19.4	129	22.1	144	24.9
	12	73.1	11.9	87.2	14.4	101	17.0	108	18.3	115	19.7	129	22.5	144	25.4
	14	73.1	12.1	87.2	14.6	101	17.3	108	18.7	115	20.1	129	23.0	144	25.9
	16	73.1	12.3	87.2	14.9	101	17.6	108	19.1	115	20.5	129	23.4	143	26.3
	18	73.1	12.6	87.2	15.2	101	18.0	108	19.4	115	20.9	129	23.9	141	27.1
	20	73.1	12.8	87.2	15.5	101	18.3	108	19.8	115	21.7	129	25.7	139	28.4
	21	73.1	12.9	87.2	15.6	101	18.7	108	20.5	115	22.4	129	26.6	138	29.1
	23	73.1	13.2	87.2	16.3	101	20.0	108	22.0	115	24.0	129	28.5	136	30.4
	25	73.1	13.9	87.2	17.4	101	21.4	108	23.5	115	25.7	129	30.5	135	31.8
	27	73.1	14.8	87.2	18.6	101	22.8	108	25.1	115	27.5	129	32.7	133	33.1
	29	73.1	15.7	87.2	19.8	101	24.3	108	26.8	115	29.4	128	34.2	131	34.4
	31	73.1	16.7	87.2	21.0	101	25.9	108	28.6	115	31.4	126	35.5	129	35.8
	33	73.1	17.7	87.2	22.4	101	27.6	108	30.5	115	33.4	124	36.9	127	37.1
	35	73.1	18.8	87.2	23.8	101	29.4	108	32.5	115	35.6	122	38.2	125	38.5
	37	73.1	20.0	87.2	25.3	101	31.3	108	34.6	115	38.0	120	39.5	123	39.9
	39	73.1	21.2	87.2	26.9	101	33.3	108	36.8	115	40.5	118	40.9	121	41.2
80% (880)	10	65.0	10.4	77.5	12.5	90.1	14.6	96.3	15.8	103	16.9	115	19.3	128	21.7
	12	65.0	10.6	77.5	12.7	90.1	14.9	96.3	16.1	103	17.2	115	19.7	128	22.2
	14	65.0	10.7	77.5	12.9	90.1	15.2	96.3	16.4	103	17.6	115	20.0	128	22.6
	16	65.0	10.9	77.5	13.1	90.1	15.5	96.3	16.7	103	17.9	115	20.4	128	23.0
	18	65.0	11.1	77.5	13.4	90.1	15.8	96.3	17.0	103	18.2	115	20.8	128	23.5
	20	65.0	11.3	77.5	13.6	90.1	16.1	96.3	17.3	103	18.6	115	21.6	128	25.1
	21	65.0	11.4	77.5	13.7	90.1	16.2	96.3	17.5	103	19.0	115	22.4	128	26.0
	23	65.0	11.6	77.5	14.0	90.1	17.0	96.3	18.6	103	20.3	115	24.0	128	27.9
	25	65.0	12.0	77.5	14.9	90.1	18.2	96.3	19.9	103	21.7	115	25.6	128	29.9
	27	65.0	12.8	77.5	15.9	90.1	19.4	96.3	21.2	103	23.2	115	27.4	128	32.0
	29	65.0	13.6	77.5	16.9	90.1	20.6	96.3	22.7	103	24.8	115	29.3	128	34.1
	31	65.0	14.4	77.5	18.0	90.1	22.0	96.3	24.1	103	26.4	115	31.2	126	35.5
	33	65.0	15.3	77.5	19.1	90.1	23.4	96.3	25.7	103	28.1	115	33.3	124	36.8
	35	65.0	16.2	77.5	20.3	90.1	24.9	96.3	27.4	103	30.0	115	35.5	122	38.2
	37	65.0	17.2	77.5	21.6	90.1	26.5	96.3	29.1	103	31.9	115	37.8	120	39.5
	39	65.0	18.2	77.5	22.9	90.1	28.1	96.3	31.0	103	34.0	115	40.3	118	40.9
70% (770)	10	56.9	9.15	67.8	10.9	78.8	12.7	84.3	13.6	89.8	14.6	101	16.6	112	18.6
	12	56.9	9.3	67.8	11.0	78.8	12.9	84.3	13.9	89.8	14.8	101	16.9	112	19.0
	14	56.9	9.4	67.8	11.2	78.8	13.1	84.3	14.1	89.8	15.1	101	17.2	112	19.4
	16	56.9	9.6	67.8	11.4	78.8	13.4	84.3	14.4	89.8	15.4	101	17.5	112	19.7
	18	56.9	9.7	67.8	11.6	78.8	13.6	84.3	14.6	89.8	15.7	101	17.9	112	20.1
	20	56.9	9.9	67.8	11.8	78.8	13.9	84.3	14.9	89.8	16.0	101	18.2	112	20.7
	21	56.9	10.0	67.8	11.9	78.8	14.0	84.3	15.1	89.8	16.2	101	18.5	112	21.4
	23	56.9	10.2	67.8	12.2	78.8	14.3	84.3	15.6	89.8	16.9	101	19.8	112	22.9
	25	56.9	10.3	67.8	12.6	78.8	15.2	84.3	16.6	89.8	18.1	101	21.2	112	24.5
	27	56.9	10.9	67.8	13.4	78.8	16.2	84.3	17.7	89.8	19.3	101	22.6	112	26.2
	29	56.9	11.6	67.8	14.3	78.8	17.3	84.3	18.9	89.8	20.6	101	24.1	112	28.0
	31	56.9	12.3	67.8	15.2	78.8	18.4	84.3	20.1	89.8	21.9	101	25.7	112	29.9
	33	56.9	13.0	67.8	16.1	78.8	19.5	84.3	21.4	89.8	23.3	101	27.4	112	31.9
	35	56.9	13.8	67.8	17.1	78.8	20.8	84.3	22.7	89.8	24.8	101	29.2	112	33.9
	37	56.9	14.6	67.8	18.1	78.8	22.0	84.3	24.2	89.8	26.4	101	31.1	112	36.2
	39	56.9	15.5	67.8	19.2	78.8	23.4	84.3	25.7	89.8	28.0	101	33.1	112	38.5
60% (660)	10	48.8	7.96	58.1	9.3	67.5	10.8	72.2	11.6	76.9	12.4	86.3	14.0	95.7	15.7
	12	48.8	8.07	58.1	9.5	67.5	11.0	72.2	11.8	76.9	12.6	86.3	14.2	95.7	15.9
	14	48.8	8.19	58.1	9.6	67.5	11.2	72.2	12.0	76.9	12.8	86.3	14.5	95.7	16.2
	16	48.8	8.31	58.1	9.8	67.5	11.4	72.2	12.2	76.9	13.0	86.3	14.8	95.7	16.5
	18	48.8	8.44	58.1	10.0	67.5	11.6	72.2	12.4	76.9	13.3	86.3	15.0	95.7	16.9
	20	48.8	8.57	58.1	10.1	67.5	11.8	72.2	12.6	76.9	13.5	86.3	15.3	95.7	17.2
	21	48.8	8.64	58.1	10.2	67.5	11.9	72.2	12.7	76.9	13.6	86.3	15.5	95.7	17.4
	23	48.8	8.78	58.1	10.4	67.5	12.1	72.2	13.0	76.9	13.9	86.3	16.1	95.7	18.5
	25	48.8	8.93	58.1	10.6	67.5	12.6	72.2	13.6	76.9	14.8	86.3	17.2	95.7	19.7
	27	48.8	9.3	58.1	11.2	67.5	13.4	72.2	14.5	76.9	15.7	86.3	18.3	95.7	21.1
	29	48.8	9.8	58.1	11.9	67.5	14.2	72.2	15.5	76.9	16.7	86.3	19.5	95.7	22.5
	31	48.8	10.4	58.1	12.6	67.5	15.1	72.2	16.4	76.9	17.8	86.3	20.8	95.7	23.9
	33	48.8	11.0	58.1	13.4	67.5	16.0	72.2	17.5	76.9	18.9	86.3	22.1	95.7	25.5
	35	48.8	11.6	58.1	14.2	67.5	17.0	72.2	18.5	76.9	20.1	86.3	23.5	95.7	27.1
	37	48.8	12.3	58.1	15.0	67.5	18.0	72.2	19.7	76.9	21.4	86.3	25.0	95.7	28.9
	39	48.8	13.0	58.1	15.9	67.5	19.1	72.2	20.9	76.9	22.7	86.3	26.5	95.7	30.7
50% (550)	10	40.6	6.84	48.5	7.92	56.3	9.06	60.2	9.7	64.1	10.3	71.9	11.5	79.8	12.8
	12	40.6	6.93	48.5	8.03	56.3	9.2	60.2	9.8	64.1	10.4	71.9	11.7	79.8	13.1
	14	40.6	7.02	48.5	8.14	56.3	9.3	60.2	10.0	64.1	10.6	71.9	11.9	79.8	13.3
	16	40.6	7.12	48.5	8.27	56.3	9.5	60.2	10.1	64.1	10.8	71.9	12.1	79.8	13.5
	18	40.6	7.21	48.5	8.39	56.3	9.6	60.2	10.3	64.1	11.0	71.9	12.3	79.8	13.8
	20	40.6	7.32	48.5	8.52	56.3	9.8	60.2	10.5	64.1	11.2	71.9	12.6	79.8	14.0
	21	40.6	7.37	48.5	8.59	56.3	9.9	60.2	10.6	64.1	11.3	71.9	12.7	79.8	14.2
	23	40.6	7.48	48.5	8.73	56.3	10.1	60.2	10.8	64.1	11.5	71.9	12.9	79.8	14.5
	25	40.6	7.59	48.5	8.88	56.3	10.2	60.2	11.0	64.1	11.8	71.9	13.6	79.8	15.5
	27	40.6	7.72	48.5	9.19	56.3	10.8	60.2	11.7	64.1	12.6	71.9	14.5	79.8	16.5
	29	40.6	8.16	48.5	9.7	56.3	11.5	60.2	12.4	64.1	13.3	71.9	15.4	79.8	17.6
	31	40.6	8.63	48.5	10.3	56.3	12.2	60.2	13.1	64.1	14.2	71.9	16.3	79.8	18.7
	33	40.6	9.11	48.5	10.9	56.3	12.9	60.2	13.9	64.1	15.0	71.9	17.4	79.8	19.9
	35	40.6	9.6	48.5	11.5	56.3	13.6	60.2	14.8	64.1	15.9	71.9	18.4	79.8	21.1
	37	40.6	10.1	48.5	12.2	56.3	14.4	60.2	15.6	64.1	16.9	71.9	19.6	79.8	22.4
	39	40.6	10.7	48.5	12.9	56.3	15.3	60.2	16.6	64.1	17.9	71.9	20.7	79.8	23.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ46PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	111	18.7	132	22.9	153	27.3	159	27.9	161	27.3	165	26.1	169	25.0
	12	111	19.1	132	23.4	153	27.8	157	27.7	159	27.1	163	26.0	167	25.6
	14	111	19.4	132	23.8	153	28.2	155	27.6	157	27.0	161	26.8	165	27.0
	16	111	19.8	132	24.3	151	28.0	153	27.8	155	27.9	159	28.2	163	28.5
	18	111	20.2	132	24.8	149	29.1	150	29.2	152	29.4	156	29.7	160	29.9
	20	111	20.6	132	26.4	146	30.5	148	30.7	150	30.8	154	31.1	158	31.4
	21	111	21.2	132	27.3	145	31.2	147	31.4	149	31.5	153	31.8	157	32.2
	23	111	22.7	132	29.3	143	32.6	145	32.8	147	33.0	151	33.3	155	33.6
	25	111	24.3	132	31.4	141	34.1	143	34.2	145	34.4	149	34.8	153	35.1
	27	111	25.9	132	33.6	139	35.5	141	35.7	143	35.9	147	36.2	151	36.6
	29	111	27.7	132	35.9	137	36.9	139	37.1	141	37.3	145	37.7	149	38.1
	31	111	29.5	131	38.0	135	38.4	137	38.6	139	38.8	143	39.2	147	39.6
	33	111	31.4	129	39.4	133	39.8	135	40.1	137	40.3	141	40.7	145	41.2
	35	111	33.5	127	40.8	131	41.3	133	41.5	135	41.8	139	42.2	143	42.7
	37	111	35.7	125	42.3	129	42.8	131	43.0	133	43.3	137	43.7	141	44.2
	39	111	38.0	123	43.7	127	44.2	129	44.5	131	44.8	135	45.3	139	45.8
120% (1380)	10	102	17.1	122	20.9	141	24.9	151	26.9	158	28.0	162	27.0	166	25.9
	12	102	17.4	122	21.3	141	25.3	151	27.4	156	27.9	160	26.8	163	25.7
	14	102	17.8	122	21.7	141	25.8	151	27.9	154	27.7	158	26.6	161	26.8
	16	102	18.1	122	22.1	141	26.3	150	28.1	152	27.8	156	28.0	159	28.3
	18	102	18.4	122	22.6	141	27.2	148	29.1	150	29.2	154	29.5	157	29.7
	20	102	18.8	122	23.5	141	29.3	146	30.5	148	30.6	152	30.9	155	31.2
	21	102	19.0	122	24.3	141	30.3	145	31.2	147	31.3	151	31.6	154	31.9
	23	102	20.3	122	26.0	141	32.5	143	32.6	145	32.8	149	33.1	152	33.4
	25	102	21.7	122	27.9	139	33.9	141	34.0	143	34.2	146	34.5	150	34.8
	27	102	23.1	122	29.8	137	35.3	139	35.5	141	35.6	144	36.0	148	36.3
	29	102	24.7	122	31.8	135	36.7	137	36.9	139	37.1	142	37.5	146	37.8
	31	102	26.3	122	34.0	133	38.2	135	38.3	137	38.5	140	38.9	144	39.3
	33	102	28.0	122	36.2	131	39.6	133	39.8	135	40.0	138	40.4	142	40.8
	35	102	29.8	122	38.6	129	41.0	131	41.3	133	41.5	136	41.9	140	42.3
	37	102	31.7	122	41.2	127	42.5	129	42.7	131	42.9	134	43.4	138	43.9
	39	102	33.8	121	43.5	125	43.9	127	44.2	128	44.4	132	44.9	136	45.4
110% (1265)	10	93.5	15.5	112	18.9	130	22.5	139	24.3	148	26.1	159	27.8	162	26.8
	12	93.5	15.8	112	19.3	130	22.9	139	24.8	148	26.6	157	27.6	160	26.6
	14	93.5	16.1	112	19.7	130	23.3	139	25.2	148	27.2	155	27.5	158	26.6
	16	93.5	16.4	112	20.0	130	23.8	139	25.7	148	27.7	153	27.8	156	28.1
	18	93.5	16.7	112	20.4	130	24.3	139	26.4	147	29.0	151	29.3	154	29.5
	20	93.5	17.1	112	20.8	130	25.7	139	28.4	145	30.4	149	30.7	152	30.9
	21	93.5	17.2	112	21.5	130	26.6	139	29.4	144	31.1	148	31.4	151	31.7
	23	93.5	18.0	112	23.0	130	28.6	139	31.6	142	32.6	146	32.8	149	33.1
	25	93.5	19.3	112	24.6	130	30.6	139	33.8	140	34.0	144	34.3	147	34.6
	27	93.5	20.5	112	26.3	130	32.7	137	35.2	138	35.4	142	35.7	145	36.0
	29	93.5	21.9	112	28.0	130	34.9	135	36.7	136	36.8	140	37.2	143	37.5
	31	93.5	23.3	112	29.9	130	37.3	132	38.1	134	38.3	138	38.6	141	39.0
	33	93.5	24.8	112	31.9	129	39.3	130	39.5	132	39.7	135	40.1	139	40.5
	35	93.5	26.4	112	33.9	127	40.8	128	41.0	130	41.2	133	41.6	137	42.0
	37	93.5	28.1	112	36.2	125	42.2	126	42.4	128	42.6	131	43.1	135	43.5
	39	93.5	29.8	112	38.5	123	43.7	124	43.9	126	44.1	129	44.5	133	45.0
100% (1150)	10	85.0	14.0	101	17.0	118	20.1	126	21.8	134	23.4	151	26.8	159	27.7
	12	85.0	14.3	101	17.3	118	20.5	126	22.2	134	23.9	151	27.3	157	27.5
	14	85.0	14.5	101	17.6	118	20.9	126	22.6	134	24.3	151	27.8	155	27.4
	16	85.0	14.8	101	18.0	118	21.3	126	23.0	134	24.8	150	28.2	153	27.9
	18	85.0	15.1	101	18.3	118	21.7	126	23.5	134	25.3	148	29.1	151	29.3
	20	85.0	15.3	101	18.7	118	22.4	126	24.7	134	27.1	146	30.5	149	30.7
	21	85.0	15.5	101	18.9	118	23.2	126	25.6	134	28.1	145	31.2	148	31.4
	23	85.0	15.9	101	20.1	118	24.8	126	27.4	134	30.1	143	32.6	146	32.9
	25	85.0	17.0	101	21.5	118	26.6	126	29.3	134	32.2	141	34.0	144	34.3
	27	85.0	18.1	101	22.9	118	28.4	126	31.4	134	34.5	139	35.5	142	35.7
	29	85.0	19.3	101	24.5	118	30.3	126	33.5	134	36.6	137	36.9	140	37.2
	31	85.0	20.5	101	26.1	118	32.4	126	35.8	132	38.0	135	38.3	138	38.7
	33	85.0	21.8	101	27.8	118	34.5	126	38.2	130	39.4	133	39.8	136	40.1
	35	85.0	23.2	101	29.6	118	36.8	126	40.7	128	40.9	131	41.2	134	41.6
	37	85.0	24.6	101	31.5	118	39.2	124	42.1	125	42.3	129	42.7	132	43.1
	39	85.0	26.1	101	33.5	118	41.8	122	43.6	123	43.8	127	44.2	130	44.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1035)	10	76.5	12.6	91.3	15.1	106	17.9	113	19.3	121	20.7	136	23.7	150	26.7
	12	76.5	12.8	91.3	15.4	106	18.2	113	19.6	121	21.1	136	24.1	150	27.2
	14	76.5	13.0	91.3	15.7	106	18.5	113	20.0	121	21.5	136	24.6	150	27.7
	16	76.5	13.2	91.3	16.0	106	18.9	113	20.4	121	21.9	136	25.1	150	28.2
	18	76.5	13.5	91.3	16.3	106	19.3	113	20.8	121	22.4	136	25.6	148	29.1
	20	76.5	13.7	91.3	16.6	106	19.7	113	21.2	121	23.2	136	27.5	146	30.5
	21	76.5	13.8	91.3	16.8	106	20.0	113	22.0	121	24.0	136	28.5	145	31.2
	23	76.5	14.1	91.3	17.5	106	21.4	113	23.5	121	25.8	136	30.5	143	32.6
	25	76.5	14.8	91.3	18.6	106	22.9	113	25.2	121	27.6	136	32.7	141	34.0
	27	76.5	15.8	91.3	19.9	106	24.4	113	26.9	121	29.5	136	35.0	139	35.4
	29	76.5	16.8	91.3	21.2	106	26.1	113	28.7	121	31.5	134	36.6	137	36.9
	31	76.5	17.9	91.3	22.5	106	27.8	113	30.6	121	33.6	132	38.0	135	38.3
	33	76.5	19.0	91.3	24.0	106	29.6	113	32.6	121	35.8	130	39.5	133	39.8
	35	76.5	20.2	91.3	25.5	106	31.5	113	34.8	121	38.2	128	40.9	131	41.2
	37	76.5	21.4	91.3	27.1	106	33.6	113	37.0	121	40.7	126	42.4	128	42.7
	39	76.5	22.7	91.3	28.8	106	35.7	113	39.4	121	43.4	124	43.8	126	44.2
80% (920)	10	68.0	11.1	81.1	13.3	94.2	15.7	101	16.9	107	18.1	120	20.7	134	23.3
	12	68.0	11.3	81.1	13.6	94.2	16.0	101	17.2	107	18.5	120	21.1	134	23.7
	14	68.0	11.5	81.1	13.8	94.2	16.3	101	17.5	107	18.8	120	21.5	134	24.2
	16	68.0	11.7	81.1	14.1	94.2	16.6	101	17.8	107	19.2	120	21.9	134	24.7
	18	68.0	11.9	81.1	14.3	94.2	16.9	101	18.2	107	19.5	120	22.3	134	25.1
	20	68.0	12.1	81.1	14.6	94.2	17.2	101	18.6	107	19.9	120	23.1	134	26.9
	21	68.0	12.2	81.1	14.7	94.2	17.4	101	18.7	107	20.3	120	23.9	134	27.9
	23	68.0	12.5	81.1	15.0	94.2	18.2	101	19.9	107	21.8	120	25.7	134	29.9
	25	68.0	12.9	81.1	16.0	94.2	19.4	101	21.3	107	23.3	120	27.5	134	32.0
	27	68.0	13.7	81.1	17.0	94.2	20.7	101	22.8	107	24.9	120	29.3	134	34.2
	29	68.0	14.5	81.1	18.1	94.2	22.1	101	24.3	107	26.5	120	31.3	134	36.6
	31	68.0	15.4	81.1	19.3	94.2	23.6	101	25.9	107	28.3	120	33.5	132	38.0
	33	68.0	16.4	81.1	20.5	94.2	25.1	101	27.5	107	30.1	120	35.7	129	39.4
	35	68.0	17.4	81.1	21.8	94.2	26.7	101	29.3	107	32.1	120	38.0	127	40.9
	37	68.0	18.4	81.1	23.1	94.2	28.4	101	31.2	107	34.2	120	40.5	125	42.3
	39	68.0	19.5	81.1	24.5	94.2	30.2	101	33.2	107	36.4	120	43.2	123	43.8
70% (805)	10	59.5	9.8	71.0	11.6	82.5	13.6	88.2	14.6	93.9	15.6	105	17.8	117	20.0
	12	59.5	9.9	71.0	11.8	82.5	13.8	88.2	14.8	93.9	15.9	105	18.1	117	20.3
	14	59.5	10.1	71.0	12.0	82.5	14.1	88.2	15.1	93.9	16.2	105	18.4	117	20.7
	16	59.5	10.3	71.0	12.2	82.5	14.3	88.2	15.4	93.9	16.5	105	18.8	117	21.1
	18	59.5	10.4	71.0	12.4	82.5	14.6	88.2	15.7	93.9	16.8	105	19.1	117	21.5
	20	59.5	10.6	71.0	12.7	82.5	14.8	88.2	16.0	93.9	17.1	105	19.5	117	22.1
	21	59.5	10.7	71.0	12.8	82.5	15.0	88.2	16.1	93.9	17.3	105	19.8	117	22.9
	23	59.5	10.9	71.0	13.0	82.5	15.3	88.2	16.7	93.9	18.1	105	21.2	117	24.6
	25	59.5	11.1	71.0	13.5	82.5	16.3	88.2	17.8	93.9	19.4	105	22.7	117	26.3
	27	59.5	11.7	71.0	14.4	82.5	17.4	88.2	19.0	93.9	20.7	105	24.2	117	28.1
	29	59.5	12.4	71.0	15.3	82.5	18.5	88.2	20.2	93.9	22.0	105	25.8	117	30.0
	31	59.5	13.2	71.0	16.3	82.5	19.7	88.2	21.5	93.9	23.4	105	27.5	117	32.0
	33	59.5	14.0	71.0	17.3	82.5	20.9	88.2	22.9	93.9	25.0	105	29.4	117	34.1
	35	59.5	14.8	71.0	18.3	82.5	22.2	88.2	24.3	93.9	26.5	105	31.3	117	36.4
	37	59.5	15.7	71.0	19.4	82.5	23.6	88.2	25.9	93.9	28.2	105	33.3	117	38.7
	39	59.5	16.6	71.0	20.6	82.5	25.1	88.2	27.5	93.9	30.0	105	35.4	117	41.3
60% (690)	10	51.0	8.52	60.9	10.0	70.7	11.6	75.6	12.4	80.5	13.2	90.3	15.0	100	16.8
	12	51.0	8.64	60.9	10.2	70.7	11.8	75.6	12.6	80.5	13.5	90.3	15.2	100	17.1
	14	51.0	8.77	60.9	10.3	70.7	12.0	75.6	12.8	80.5	13.7	90.3	15.5	100	17.4
	16	51.0	8.90	60.9	10.5	70.7	12.2	75.6	13.0	80.5	13.9	90.3	15.8	100	17.7
	18	51.0	9.0	60.9	10.7	70.7	12.4	75.6	13.3	80.5	14.2	90.3	16.1	100	18.1
	20	51.0	9.2	60.9	10.8	70.7	12.6	75.6	13.5	80.5	14.5	90.3	16.4	100	18.4
	21	51.0	9.3	60.9	10.9	70.7	12.7	75.6	13.7	80.5	14.6	90.3	16.6	100	18.6
	23	51.0	9.4	60.9	11.1	70.7	13.0	75.6	13.9	80.5	14.9	90.3	17.2	100	19.8
	25	51.0	9.6	60.9	11.3	70.7	13.5	75.6	14.6	80.5	15.8	90.3	18.4	100	21.1
	27	51.0	9.9	60.9	12.0	70.7	14.3	75.6	15.6	80.5	16.9	90.3	19.6	100	22.6
	29	51.0	10.5	60.9	12.7	70.7	15.2	75.6	16.6	80.5	17.9	90.3	20.9	100	24.1
	31	51.0	11.1	60.9	13.5	70.7	16.2	75.6	17.6	80.5	19.1	90.3	22.2	100	25.6
	33	51.0	11.8	60.9	14.3	70.7	17.2	75.6	18.7	80.5	20.3	90.3	23.7	100	27.3
	35	51.0	12.4	60.9	15.2	70.7	18.2	75.6	19.8	80.5	21.5	90.3	25.2	100	29.1
	37	51.0	13.1	60.9	16.1	70.7	19.3	75.6	21.1	80.5	22.9	90.3	26.7	100	30.9
	39	51.0	13.9	60.9	17.0	70.7	20.5	75.6	22.3	80.5	24.3	90.3	28.4	100	32.9
50% (575)	10	42.5	7.33	50.7	8.48	58.9	9.7	63.0	10.3	67.1	11.0	75.3	12.3	83.5	13.8
	12	42.5	7.42	50.7	8.60	58.9	9.9	63.0	10.5	67.1	11.2	75.3	12.6	83.5	14.0
	14	42.5	7.52	50.7	8.72	58.9	10.0	63.0	10.7	67.1	11.4	75.3	12.8	83.5	14.2
	16	42.5	7.62	50.7	8.85	58.9	10.2	63.0	10.8	67.1	11.5	75.3	13.0	83.5	14.5
	18	42.5	7.73	50.7	9.0	58.9	10.3	63.0	11.0	67.1	11.7	75.3	13.2	83.5	14.8
	20	42.5	7.84	50.7	9.1	58.9	10.5	63.0	11.2	67.1	11.9	75.3	13.5	83.5	15.0
	21	42.5	7.89	50.7	9.2	58.9	10.6	63.0	11.3	67.1	12.1	75.3	13.6	83.5	15.2
	23	42.5	8.01	50.7	9.4	58.9	10.8	63.0	11.5	67.1	12.3	75.3	13.8	83.5	15.5
	25	42.5	8.13	50.7	9.5	58.9	11.0	63.0	11.8	67.1	12.7	75.3	14.5	83.5	16.6
	27	42.5	8.27	50.7	9.8	58.9	11.6	63.0	12.5	67.1	13.5	75.3	15.5	83.5	17.7
	29	42.5	8.74	50.7	10.4	58.9	12.3	63.0	13.3	67.1	14.3	75.3	16.5	83.5	18.8
	31	42.5	9.2	50.7	11.0	58.9	13.0	63.0	14.1	67.1	15.2	75.3	17.5	83.5	20.0
	33	42.5	9.8	50.7	11.7	58.9	13.8	63.0	14.9	67.1	16.1	75.3	18.6	83.5	21.3
	35	42.5	10.3	50.7	12.4	58.9	14.6	63.0	15.8	67.1	17.1	75.3	19.7	83.5	22.6
	37	42.5	10.9	50.7	13.1	58.9	15.5	63.0	16.8	67.1	18.1	75.3	20.9	83.5	24.0
	39	42.5	11.4	50.7	13.8	58.9	16.4	63.0	17.7	67.1	19.2	75.3	22.2	83.5	25.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ48PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	115	19.2	138	23.5	160	28.0	166	28.5	168	28.0	172	26.8	176	25.6
	12	115	19.6	138	23.9	160	28.5	163	28.4	166	27.8	170	26.6	174	26.2
	14	115	19.9	138	24.4	159	28.8	161	28.2	163	27.6	168	27.4	172	27.7
	16	115	20.3	138	24.9	157	28.7	159	28.5	161	28.6	165	28.9	170	29.2
	18	115	20.7	138	25.4	155	29.8	157	30.0	159	30.1	163	30.4	167	30.7
	20	115	21.1	138	27.0	153	31.3	155	31.4	157	31.6	161	31.9	165	32.2
	21	115	21.7	138	28.0	152	32.0	154	32.1	156	32.3	160	32.6	164	32.9
	23	115	23.2	138	30.0	150	33.4	152	33.6	154	33.8	158	34.1	162	34.5
	25	115	24.9	138	32.1	147	34.9	150	35.1	152	35.3	156	35.6	160	36.0
	27	115	26.6	138	34.4	145	36.4	147	36.6	150	36.8	154	37.1	158	37.5
	29	115	28.3	138	36.7	143	37.8	145	38.1	147	38.3	152	38.7	156	39.1
	31	115	30.2	137	38.9	141	39.3	143	39.5	145	39.8	149	40.2	154	40.6
	33	115	32.2	135	40.4	139	40.8	141	41.0	143	41.3	147	41.7	151	42.2
	35	115	34.3	133	41.8	137	42.3	139	42.6	141	42.8	145	43.3	149	43.7
	37	115	36.5	131	43.3	135	43.8	137	44.1	139	44.3	143	44.8	147	45.3
	39	115	38.9	128	44.8	133	45.3	135	45.6	137	45.9	141	46.4	145	46.9
120% (1440)	10	106	17.5	127	21.4	148	25.5	158	27.5	165	28.7	169	27.6	173	26.5
	12	106	17.9	127	21.8	148	26.0	158	28.1	163	28.6	167	27.5	171	26.3
	14	106	18.2	127	22.2	148	26.5	158	28.6	161	28.4	165	27.3	168	27.5
	16	106	18.5	127	22.7	148	27.0	157	28.8	159	28.5	163	28.7	166	29.0
	18	106	18.9	127	23.1	148	27.9	155	29.8	157	29.9	160	30.2	164	30.5
	20	106	19.3	127	24.0	148	30.0	152	31.2	154	31.4	158	31.7	162	31.9
	21	106	19.5	127	24.9	148	31.1	151	32.0	153	32.1	157	32.4	161	32.7
	23	106	20.8	127	26.7	147	33.3	149	33.4	151	33.6	155	33.9	159	34.2
	25	106	22.2	127	28.6	145	34.7	147	34.9	149	35.0	153	35.4	157	35.7
	27	106	23.7	127	30.5	143	36.2	145	36.3	147	36.5	151	36.9	155	37.2
	29	106	25.3	127	32.6	141	37.6	143	37.8	145	38.0	149	38.4	152	38.7
	31	106	27.0	127	34.8	139	39.1	141	39.3	143	39.5	146	39.9	150	40.3
	33	106	28.7	127	37.1	137	40.6	139	40.8	140	41.0	144	41.4	148	41.8
	35	106	30.6	127	39.6	135	42.0	136	42.3	138	42.5	142	42.9	146	43.4
	37	106	32.5	127	42.2	132	43.5	134	43.8	136	44.0	140	44.5	144	44.9
	39	106	34.6	126	44.5	130	45.0	132	45.3	134	45.5	138	46.0	142	46.5
110% (1320)	10	98	15.9	116	19.4	135	23.0	145	24.9	154	26.8	166	28.4	169	27.5
	12	98	16.2	116	19.8	135	23.5	145	25.4	154	27.3	164	28.3	167	27.3
	14	98	16.5	116	20.1	135	23.9	145	25.9	154	27.8	162	28.1	165	27.3
	16	98	16.8	116	20.5	135	24.4	145	26.4	154	28.4	160	28.5	163	28.8
	18	98	17.1	116	20.9	135	24.9	145	27.1	154	29.7	157	30.0	161	30.2
	20	98	17.5	116	21.3	135	26.3	145	29.1	152	31.2	155	31.4	159	31.7
	21	98	17.6	116	22.0	135	27.3	145	30.2	151	31.9	154	32.2	158	32.4
	23	98	18.5	116	23.5	135	29.3	145	32.4	149	33.4	152	33.6	156	33.9
	25	98	19.7	116	25.2	135	31.3	145	34.7	146	34.8	150	35.1	153	35.4
	27	98	21.0	116	26.9	135	33.5	143	36.1	144	36.3	148	36.6	151	36.9
	29	98	22.4	116	28.7	135	35.8	140	37.6	142	37.7	146	38.1	149	38.4
	31	98	23.9	116	30.6	135	38.2	138	39.0	140	39.2	144	39.6	147	39.9
	33	98	25.4	116	32.6	134	40.3	136	40.5	138	40.7	141	41.1	145	41.5
	35	98	27.0	116	34.8	132	41.8	134	42.0	136	42.2	139	42.6	143	43.0
	37	98	28.8	116	37.0	130	43.3	132	43.5	134	43.7	137	44.1	141	44.5
	39	98	30.6	116	39.4	128	44.7	130	45.0	131	45.2	135	45.6	138	46.1
100% (1200)	10	88.7	14.4	106	17.4	123	20.6	132	22.3	140	24.0	157	27.4	166	28.4
	12	88.7	14.6	106	17.7	123	21.0	132	22.7	140	24.4	157	27.9	164	28.2
	14	88.7	14.9	106	18.1	123	21.4	132	23.2	140	24.9	157	28.5	162	28.1
	16	88.7	15.2	106	18.4	123	21.8	132	23.6	140	25.4	157	28.8	160	28.5
	18	88.7	15.4	106	18.8	123	22.3	132	24.1	140	25.9	154	29.8	158	30.0
	20	88.7	15.7	106	19.1	123	22.9	132	25.3	140	27.7	152	31.2	156	31.5
	21	88.7	15.9	106	19.3	123	23.8	132	26.2	140	28.7	151	31.9	154	32.2
	23	88.7	16.3	106	20.6	123	25.5	132	28.1	140	30.8	149	33.4	152	33.7
	25	88.7	17.4	106	22.0	123	27.2	132	30.0	140	33.0	147	34.9	150	35.1
	27	88.7	18.5	106	23.5	123	29.1	132	32.1	140	35.3	145	36.3	148	36.6
	29	88.7	19.7	106	25.1	123	31.1	132	34.3	140	37.5	143	37.8	146	38.1
	31	88.7	21.0	106	26.7	123	33.2	132	36.6	137	38.9	141	39.3	144	39.6
	33	88.7	22.3	106	28.5	123	35.4	132	39.1	135	40.4	138	40.8	142	41.1
	35	88.7	23.7	106	30.3	123	37.7	132	41.7	133	41.9	136	42.3	140	42.6
	37	88.7	25.2	106	32.2	123	40.2	129	43.2	131	43.4	134	43.8	137	44.1
	39	88.7	26.8	106	34.3	123	42.8	127	44.6	129	44.8	132	45.3	135	45.7

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1080)	10	79.9	12.9	95.3	15.5	111	18.3	118	19.8	126	21.2	141	24.3	157	27.3
	12	79.9	13.1	95.3	15.8	111	18.7	118	20.1	126	21.6	141	24.7	157	27.9
	14	79.9	13.3	95.3	16.1	111	19.0	118	20.5	126	22.1	141	25.2	157	28.4
	16	79.9	13.5	95.3	16.4	111	19.4	118	20.9	126	22.5	141	25.7	157	28.9
	18	79.9	13.8	95.3	16.7	111	19.7	118	21.3	126	22.9	141	26.2	154	29.8
	20	79.9	14.0	95.3	17.0	111	20.1	118	21.7	126	23.8	141	28.2	152	31.2
	21	79.9	14.2	95.3	17.2	111	20.5	118	22.5	126	24.6	141	29.2	151	31.9
	23	79.9	14.4	95.3	17.9	111	21.9	118	24.1	126	26.4	141	31.3	149	33.4
	25	79.9	15.2	95.3	19.1	111	23.4	118	25.8	126	28.2	141	33.5	147	34.9
	27	79.9	16.2	95.3	20.4	111	25.0	118	27.5	126	30.2	141	35.8	145	36.3
	29	79.9	17.2	95.3	21.7	111	26.7	118	29.4	126	32.2	140	37.5	143	37.8
	31	79.9	18.3	95.3	23.1	111	28.5	118	31.4	126	34.4	138	39.0	141	39.3
	33	79.9	19.5	95.3	24.6	111	30.3	118	33.4	126	36.7	135	40.4	138	40.8
	35	79.9	20.7	95.3	26.1	111	32.3	118	35.6	126	39.1	133	41.9	136	42.2
	37	79.9	21.9	95.3	27.8	111	34.4	118	37.9	126	41.7	131	43.4	134	43.7
	39	79.9	23.3	95.3	29.5	111	36.6	118	40.4	126	44.4	129	44.9	132	45.3
80% (960)	10	71.0	11.4	84.7	13.7	98	16.1	105	17.3	112	18.6	126	21.2	139	23.9
	12	71.0	11.6	84.7	13.9	98	16.4	105	17.6	112	18.9	126	21.6	139	24.3
	14	71.0	11.8	84.7	14.2	98	16.7	105	17.9	112	19.3	126	22.0	139	24.8
	16	71.0	12.0	84.7	14.4	98	17.0	105	18.3	112	19.6	126	22.4	139	25.3
	18	71.0	12.2	84.7	14.7	98	17.3	105	18.6	112	20.0	126	22.9	139	25.8
	20	71.0	12.4	84.7	14.9	98	17.6	105	19.0	112	20.4	126	23.7	139	27.6
	21	71.0	12.5	84.7	15.1	98	17.8	105	19.2	112	20.8	126	24.5	139	28.5
	23	71.0	12.8	84.7	15.4	98	18.7	105	20.4	112	22.3	126	26.3	139	30.6
	25	71.0	13.2	84.7	16.4	98	19.9	105	21.8	112	23.8	126	28.1	139	32.8
	27	71.0	14.0	84.7	17.4	98	21.3	105	23.3	112	25.5	126	30.1	139	35.1
	29	71.0	14.9	84.7	18.6	98	22.7	105	24.9	112	27.2	126	32.1	139	37.5
	31	71.0	15.8	84.7	19.7	98	24.1	105	26.5	112	29.0	126	34.3	137	38.9
	33	71.0	16.8	84.7	21.0	98	25.7	105	28.2	112	30.9	126	36.6	135	40.4
	35	71.0	17.8	84.7	22.3	98	27.3	105	30.0	112	32.9	126	39.0	133	41.9
	37	71.0	18.9	84.7	23.7	98	29.1	105	32.0	112	35.0	126	41.5	131	43.3
	39	71.0	20.0	84.7	25.1	98	30.9	105	34.0	112	37.3	126	44.2	129	44.8
70% (840)	10	62.1	10.0	74.1	11.9	86.1	13.9	92.1	14.9	98	16.0	110	18.2	122	20.5
	12	62.1	10.2	74.1	12.1	86.1	14.1	92.1	15.2	98	16.3	110	18.5	122	20.8
	14	62.1	10.4	74.1	12.3	86.1	14.4	92.1	15.5	98	16.6	110	18.9	122	21.2
	16	62.1	10.5	74.1	12.5	86.1	14.7	92.1	15.8	98	16.9	110	19.2	122	21.6
	18	62.1	10.7	74.1	12.7	86.1	14.9	92.1	16.1	98	17.2	110	19.6	122	22.1
	20	62.1	10.9	74.1	13.0	86.1	15.2	92.1	16.4	98	17.6	110	20.0	122	22.7
	21	62.1	11.0	74.1	13.1	86.1	15.4	92.1	16.5	98	17.7	110	20.3	122	23.5
	23	62.1	11.2	74.1	13.3	86.1	15.7	92.1	17.1	98	18.6	110	21.7	122	25.2
	25	62.1	11.4	74.1	13.9	86.1	16.7	92.1	18.2	98	19.8	110	23.2	122	26.9
	27	62.1	12.0	74.1	14.8	86.1	17.8	92.1	19.4	98	21.2	110	24.8	122	28.8
	29	62.1	12.7	74.1	15.7	86.1	19.0	92.1	20.7	98	22.6	110	26.5	122	30.7
	31	62.1	13.5	74.1	16.7	86.1	20.2	92.1	22.1	98	24.0	110	28.2	122	32.8
	33	62.1	14.3	74.1	17.7	86.1	21.4	92.1	23.5	98	25.6	110	30.1	122	35.0
	35	62.1	15.2	74.1	18.8	86.1	22.8	92.1	24.9	98	27.2	110	32.0	122	37.3
	37	62.1	16.0	74.1	19.9	86.1	24.2	92.1	26.5	98	28.9	110	34.1	122	39.7
	39	62.1	17.0	74.1	21.1	86.1	25.7	92.1	28.2	98	30.7	110	36.3	122	42.3
60% (720)	10	53.2	8.7	63.5	10.2	73.8	11.9	78.9	12.7	84.0	13.6	94.3	15.3	105	17.2
	12	53.2	8.9	63.5	10.4	73.8	12.1	78.9	12.9	84.0	13.8	94.3	15.6	105	17.5
	14	53.2	9.0	63.5	10.6	73.8	12.3	78.9	13.1	84.0	14.0	94.3	15.9	105	17.8
	16	53.2	9.1	63.5	10.7	73.8	12.5	78.9	13.4	84.0	14.3	94.3	16.2	105	18.2
	18	53.2	9.3	63.5	10.9	73.8	12.7	78.9	13.6	84.0	14.5	94.3	16.5	105	18.5
	20	53.2	9.4	63.5	11.1	73.8	12.9	78.9	13.9	84.0	14.8	94.3	16.8	105	18.9
	21	53.2	9.5	63.5	11.2	73.8	13.0	78.9	14.0	84.0	15.0	94.3	17.0	105	19.1
	23	53.2	9.6	63.5	11.4	73.8	13.3	78.9	14.3	84.0	15.3	94.3	17.6	105	20.3
	25	53.2	9.8	63.5	11.6	73.8	13.8	78.9	15.0	84.0	16.2	94.3	18.8	105	21.7
	27	53.2	10.2	63.5	12.3	73.8	14.7	78.9	15.9	84.0	17.3	94.3	20.1	105	23.1
	29	53.2	10.8	63.5	13.1	73.8	15.6	78.9	17.0	84.0	18.4	94.3	21.4	105	24.7
	31	53.2	11.4	63.5	13.9	73.8	16.6	78.9	18.0	84.0	19.5	94.3	22.8	105	26.3
	33	53.2	12.1	63.5	14.7	73.8	17.6	78.9	19.1	84.0	20.8	94.3	24.2	105	28.0
	35	53.2	12.7	63.5	15.6	73.8	18.7	78.9	20.3	84.0	22.1	94.3	25.8	105	29.8
	37	53.2	13.5	63.5	16.5	73.8	19.8	78.9	21.6	84.0	23.4	94.3	27.4	105	31.7
	39	53.2	14.2	63.5	17.4	73.8	21.0	78.9	22.9	84.0	24.9	94.3	29.1	105	33.7
50% (600)	10	44.4	7.51	52.9	8.7	61.5	9.9	65.8	10.6	70.0	11.3	78.6	12.6	87.1	14.1
	12	44.4	7.60	52.9	8.8	61.5	10.1	65.8	10.8	70.0	11.4	78.6	12.9	87.1	14.3
	14	44.4	7.70	52.9	8.9	61.5	10.2	65.8	10.9	70.0	11.6	78.6	13.1	87.1	14.6
	16	44.4	7.81	52.9	9.1	61.5	10.4	65.8	11.1	70.0	11.8	78.6	13.3	87.1	14.9
	18	44.4	7.92	52.9	9.2	61.5	10.6	65.8	11.3	70.0	12.0	78.6	13.5	87.1	15.1
	20	44.4	8.03	52.9	9.4	61.5	10.8	65.8	11.5	70.0	12.2	78.6	13.8	87.1	15.4
	21	44.4	8.09	52.9	9.4	61.5	10.9	65.8	11.6	70.0	12.4	78.6	13.9	87.1	15.6
	23	44.4	8.21	52.9	9.6	61.5	11.0	65.8	11.8	70.0	12.6	78.6	14.2	87.1	15.9
	25	44.4	8.33	52.9	9.7	61.5	11.2	65.8	12.0	70.0	13.0	78.6	14.9	87.1	17.0
	27	44.4	8.47	52.9	10.1	61.5	11.9	65.8	12.8	70.0	13.8	78.6	15.9	87.1	18.1
	29	44.4	9.0	52.9	10.7	61.5	12.6	65.8	13.6	70.0	14.6	78.6	16.9	87.1	19.3
	31	44.4	9.5	52.9	11.3	61.5	13.3	65.8	14.4	70.0	15.6	78.6	17.9	87.1	20.5
	33	44.4	10.0	52.9	12.0	61.5	14.1	65.8	15.3	70.0	16.5	78.6	19.0	87.1	21.8
	35	44.4	10.5	52.9	12.7	61.5	15.0	65.8	16.2	70.0	17.5	78.6	20.2	87.1	23.2
	37	44.4	11.1	52.9	13.4	61.5	15.8	65.8	17.2	70.0	18.5	78.6	21.5	87.1	24.6
	39	44.4	11.7	52.9	14.1	61.5	16.8	65.8	18.2	70.0	19.6	78.6	22.8	87.1	26.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ50PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	121	20.8	144	25.5	168	30.3	174	30.9	176	30.3	180	29.0	185	27.7
	12	121	21.2	144	26.0	168	30.9	172	30.8	174	30.1	178	28.8	182	28.4
	14	121	21.6	144	26.5	167	31.3	169	30.6	172	30.0	176	29.7	180	30.0
	16	121	22.0	144	27.0	165	31.1	167	30.9	169	31.0	174	31.3	178	31.6
	18	121	22.4	144	27.5	163	32.3	165	32.5	167	32.6	171	32.9	176	33.3
	20	121	22.9	144	29.3	160	33.9	163	34.0	165	34.2	169	34.6	173	34.9
	21	121	23.5	144	30.4	159	34.7	161	34.8	164	35.0	168	35.4	172	35.7
	23	121	25.2	144	32.5	157	36.2	159	36.4	161	36.6	166	37.0	170	37.4
	25	121	26.9	144	34.8	155	37.8	157	38.0	159	38.2	164	38.6	168	39.0
	27	121	28.8	144	37.3	153	39.4	155	39.6	157	39.8	161	40.3	166	40.7
	29	121	30.7	144	39.8	150	41.0	152	41.2	155	41.5	159	41.9	163	42.3
	31	121	32.8	144	42.2	148	42.6	150	42.9	152	43.1	157	43.6	161	44.0
	33	121	34.9	141	43.7	146	44.2	148	44.5	150	44.7	155	45.2	159	45.7
	35	121	37.2	139	45.3	144	45.9	146	46.1	148	46.4	152	46.9	157	47.4
	37	121	39.6	137	46.9	141	47.5	144	47.8	146	48.0	150	48.6	154	49.1
	39	121	42.2	135	48.5	139	49.1	141	49.4	143	49.7	148	50.3	152	50.9
120% (1500)	10	112	19.0	133	23.2	155	27.6	166	29.9	173	31.1	177	29.9	181	28.8
	12	112	19.4	133	23.7	155	28.1	166	30.4	171	30.9	175	29.8	179	28.6
	14	112	19.7	133	24.1	155	28.7	166	31.0	169	30.8	173	29.6	177	29.8
	16	112	20.1	133	24.6	155	29.2	164	31.2	167	30.8	171	31.1	175	31.4
	18	112	20.5	133	25.1	155	30.2	162	32.3	164	32.4	168	32.7	172	33.0
	20	112	20.9	133	26.1	155	32.5	160	33.8	162	34.0	166	34.3	170	34.6
	21	112	21.1	133	27.0	155	33.7	159	34.6	161	34.8	165	35.1	169	35.4
	23	112	22.5	133	28.9	155	36.0	157	36.2	159	36.4	163	36.7	167	37.1
	25	112	24.1	133	31.0	152	37.6	154	37.8	156	38.0	160	38.3	164	38.7
	27	112	25.7	133	33.1	150	39.2	152	39.4	154	39.6	158	40.0	162	40.3
	29	112	27.4	133	35.3	148	40.8	150	41.0	152	41.2	156	41.6	160	42.0
	31	112	29.2	133	37.7	146	42.4	148	42.6	150	42.8	154	43.2	158	43.7
	33	112	31.1	133	40.2	143	44.0	145	44.2	147	44.4	151	44.9	155	45.3
	35	112	33.1	133	42.9	141	45.6	143	45.8	145	46.1	149	46.5	153	47.0
	37	112	35.3	133	45.7	139	47.2	141	47.4	143	47.7	147	48.2	151	48.7
	39	112	37.5	133	48.3	137	48.8	139	49.1	141	49.3	145	49.9	149	50.4
110% (1375)	10	102	17.3	122	21.0	142	25.0	152	27.0	162	29.0	174	30.8	178	29.8
	12	102	17.6	122	21.4	142	25.4	152	27.5	162	29.6	172	30.7	176	29.6
	14	102	17.9	122	21.8	142	25.9	152	28.0	162	30.2	170	30.5	173	29.6
	16	102	18.2	122	22.2	142	26.4	152	28.6	162	30.7	167	30.9	171	31.2
	18	102	18.6	122	22.7	142	27.0	152	29.4	162	32.2	165	32.5	169	32.8
	20	102	18.9	122	23.1	142	28.6	152	31.6	159	33.8	163	34.1	167	34.4
	21	102	19.1	122	23.8	142	29.6	152	32.7	158	34.6	162	34.9	166	35.2
	23	102	20.0	122	25.5	142	31.7	152	35.1	156	36.2	160	36.5	163	36.8
	25	102	21.4	122	27.3	142	34.0	152	37.6	154	37.7	157	38.1	161	38.4
	27	102	22.8	122	29.2	142	36.3	150	39.1	151	39.3	155	39.7	159	40.0
	29	102	24.3	122	31.1	142	38.8	147	40.7	149	40.9	153	41.3	157	41.7
	31	102	25.9	122	33.2	142	41.4	145	42.3	147	42.5	151	42.9	154	43.3
	33	102	27.6	122	35.4	141	43.7	143	43.9	145	44.1	148	44.5	152	44.9
	35	102	29.3	122	37.7	139	45.3	141	45.5	142	45.7	146	46.2	150	46.6
	37	102	31.2	122	40.1	136	46.9	138	47.1	140	47.3	144	47.8	148	48.3
	39	102	33.1	122	42.7	134	48.5	136	48.7	138	49.0	142	49.5	145	50.0
100% (1250)	10	93.1	15.6	111	18.9	129	22.4	138	24.2	147	26.0	165	29.7	174	30.8
	12	93.1	15.8	111	19.2	129	22.8	138	24.6	147	26.5	165	30.3	172	30.6
	14	93.1	16.1	111	19.6	129	23.2	138	25.1	147	27.0	165	30.9	170	30.4
	16	93.1	16.4	111	20.0	129	23.7	138	25.6	147	27.5	164	31.3	168	30.9
	18	93.1	16.7	111	20.3	129	24.1	138	26.1	147	28.1	162	32.3	165	32.5
	20	93.1	17.0	111	20.7	129	24.9	138	27.4	147	30.1	160	33.8	163	34.1
	21	93.1	17.2	111	21.0	129	25.8	138	28.4	147	31.2	159	34.6	162	34.9
	23	93.1	17.7	111	22.3	129	27.6	138	30.4	147	33.4	157	36.2	160	36.5
	25	93.1	18.8	111	23.9	129	29.5	138	32.6	147	35.8	154	37.8	158	38.1
	27	93.1	20.1	111	25.5	129	31.5	138	34.8	147	38.3	152	39.4	155	39.7
	29	93.1	21.4	111	27.2	129	33.7	138	37.2	146	40.6	150	41.0	153	41.3
	31	93.1	22.8	111	29.0	129	35.9	138	39.7	144	42.2	148	42.6	151	42.9
	33	93.1	24.2	111	30.9	129	38.3	138	42.4	142	43.8	145	44.2	149	44.6
	35	93.1	25.7	111	32.8	129	40.9	138	45.2	140	45.4	143	45.8	146	46.2
	37	93.1	27.3	111	35.0	129	43.5	136	46.8	137	47.0	141	47.4	144	47.8
	39	93.1	29.0	111	37.2	129	46.4	134	48.4	135	48.6	139	49.1	142	49.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1125)	10	83.8	13.9	100.0	16.8	116	19.9	124	21.4	132	23.0	148	26.3	165	29.6
	12	83.8	14.2	100.0	17.1	116	20.2	124	21.8	132	23.5	148	26.8	165	30.2
	14	83.8	14.4	100.0	17.4	116	20.6	124	22.2	132	23.9	148	27.3	165	30.8
	16	83.8	14.7	100.0	17.7	116	21.0	124	22.7	132	24.4	148	27.8	164	31.3
	18	83.8	14.9	100.0	18.1	116	21.4	124	23.1	132	24.8	148	28.4	162	32.3
	20	83.8	15.2	100.0	18.4	116	21.8	124	23.6	132	25.8	148	30.5	160	33.8
	21	83.8	15.4	100.0	18.6	116	22.2	124	24.4	132	26.7	148	31.6	159	34.6
	23	83.8	15.7	100.0	19.4	116	23.8	124	26.1	132	28.6	148	33.9	156	36.2
	25	83.8	16.5	100.0	20.7	116	25.4	124	27.9	132	30.6	148	36.3	154	37.8
	27	83.8	17.6	100.0	22.1	116	27.1	124	29.9	132	32.7	148	38.8	152	39.4
	29	83.8	18.7	100.0	23.5	116	28.9	124	31.9	132	34.9	147	40.7	150	41.0
	31	83.8	19.8	100.0	25.0	116	30.9	124	34.0	132	37.3	144	42.2	147	42.6
	33	83.8	21.1	100.0	26.6	116	32.9	124	36.2	132	39.8	142	43.8	145	44.2
	35	83.8	22.4	100.0	28.3	116	35.0	124	38.6	132	42.4	140	45.4	143	45.8
	37	83.8	23.8	100.0	30.1	116	37.3	124	41.1	132	45.2	138	47.0	141	47.4
	39	83.8	25.2	100.0	32.0	116	39.7	124	43.8	132	48.1	135	48.6	138	49.0
80% (1000)	10	74.5	12.4	88.9	14.8	103	17.4	110	18.8	118	20.1	132	23.0	146	25.9
	12	74.5	12.6	88.9	15.1	103	17.7	110	19.1	118	20.5	132	23.4	146	26.4
	14	74.5	12.8	88.9	15.3	103	18.0	110	19.5	118	20.9	132	23.8	146	26.9
	16	74.5	13.0	88.9	15.6	103	18.4	110	19.8	118	21.3	132	24.3	146	27.4
	18	74.5	13.2	88.9	15.9	103	18.7	110	20.2	118	21.7	132	24.8	146	27.9
	20	74.5	13.5	88.9	16.2	103	19.1	110	20.6	118	22.1	132	25.7	146	29.9
	21	74.5	13.6	88.9	16.4	103	19.3	110	20.8	118	22.6	132	26.6	146	30.9
	23	74.5	13.8	88.9	16.7	103	20.2	110	22.2	118	24.2	132	28.5	146	33.2
	25	74.5	14.3	88.9	17.7	103	21.6	110	23.7	118	25.8	132	30.5	146	35.5
	27	74.5	15.2	88.9	18.9	103	23.0	110	25.3	118	27.6	132	32.6	146	38.0
	29	74.5	16.1	88.9	20.1	103	24.6	110	27.0	118	29.5	132	34.8	146	40.6
	31	74.5	17.1	88.9	21.4	103	26.2	110	28.7	118	31.4	132	37.2	144	42.2
	33	74.5	18.2	88.9	22.7	103	27.8	110	30.6	118	33.5	132	39.6	142	43.8
	35	74.5	19.3	88.9	24.2	103	29.6	110	32.6	118	35.6	132	42.2	140	45.4
	37	74.5	20.4	88.9	25.7	103	31.5	110	34.6	118	37.9	132	45.0	137	47.0
	39	74.5	21.7	88.9	27.2	103	33.5	110	36.9	118	40.4	132	48.0	135	48.6
70% (875)	10	65.2	10.9	77.8	12.9	90.3	15.1	96.6	16.2	103	17.3	115	19.7	128	22.2
	12	65.2	11.0	77.8	13.1	90.3	15.3	96.6	16.5	103	17.7	115	20.1	128	22.6
	14	65.2	11.2	77.8	13.3	90.3	15.6	96.6	16.8	103	18.0	115	20.5	128	23.0
	16	65.2	11.4	77.8	13.6	90.3	15.9	96.6	17.1	103	18.3	115	20.8	128	23.5
	18	65.2	11.6	77.8	13.8	90.3	16.2	96.6	17.4	103	18.7	115	21.3	128	23.9
	20	65.2	11.8	77.8	14.1	90.3	16.5	96.6	17.7	103	19.0	115	21.7	128	24.6
	21	65.2	11.9	77.8	14.2	90.3	16.6	96.6	17.9	103	19.2	115	22.0	128	25.5
	23	65.2	12.1	77.8	14.5	90.3	17.0	96.6	18.5	103	20.1	115	23.6	128	27.3
	25	65.2	12.3	77.8	15.0	90.3	18.1	96.6	19.8	103	21.5	115	25.2	128	29.2
	27	65.2	13.0	77.8	16.0	90.3	19.3	96.6	21.1	103	22.9	115	26.9	128	31.2
	29	65.2	13.8	77.8	17.0	90.3	20.6	96.6	22.5	103	24.4	115	28.7	128	33.3
	31	65.2	14.6	77.8	18.1	90.3	21.9	96.6	23.9	103	26.0	115	30.6	128	35.5
	33	65.2	15.5	77.8	19.2	90.3	23.2	96.6	25.4	103	27.7	115	32.6	128	37.9
	35	65.2	16.4	77.8	20.3	90.3	24.7	96.6	27.0	103	29.5	115	34.7	128	40.4
	37	65.2	17.4	77.8	21.6	90.3	26.2	96.6	28.7	103	31.4	115	36.9	128	43.0
	39	65.2	18.4	77.8	22.9	90.3	27.8	96.6	30.5	103	33.3	115	39.3	128	45.8
60% (750)	10	55.9	9.5	66.6	11.1	77.4	12.9	82.8	13.8	88.2	14.7	99.0	16.6	110	18.6
	12	55.9	9.6	66.6	11.3	77.4	13.1	82.8	14.0	88.2	15.0	99.0	16.9	110	19.0
	14	55.9	9.7	66.6	11.5	77.4	13.3	82.8	14.2	88.2	15.2	99.0	17.2	110	19.3
	16	55.9	9.9	66.6	11.6	77.4	13.5	82.8	14.5	88.2	15.5	99.0	17.5	110	19.7
	18	55.9	10.0	66.6	11.8	77.4	13.8	82.8	14.7	88.2	15.8	99.0	17.9	110	20.1
	20	55.9	10.2	66.6	12.0	77.4	14.0	82.8	15.0	88.2	16.1	99.0	18.2	110	20.5
	21	55.9	10.3	66.6	12.1	77.4	14.1	82.8	15.2	88.2	16.2	99.0	18.4	110	20.7
	23	55.9	10.4	66.6	12.4	77.4	14.4	82.8	15.4	88.2	16.5	99.0	19.1	110	22.0
	25	55.9	10.6	66.6	12.6	77.4	15.0	82.8	16.2	88.2	17.6	99.0	20.4	110	23.5
	27	55.9	11.0	66.6	13.3	77.4	15.9	82.8	17.3	88.2	18.7	99.0	21.8	110	25.1
	29	55.9	11.7	66.6	14.2	77.4	16.9	82.8	18.4	88.2	19.9	99.0	23.2	110	26.7
	31	55.9	12.3	66.6	15.0	77.4	18.0	82.8	19.5	88.2	21.2	99.0	24.7	110	28.5
	33	55.9	13.1	66.6	15.9	77.4	19.1	82.8	20.8	88.2	22.5	99.0	26.3	110	30.3
	35	55.9	13.8	66.6	16.9	77.4	20.2	82.8	22.0	88.2	23.9	99.0	27.9	110	32.3
	37	55.9	14.6	66.6	17.9	77.4	21.5	82.8	23.4	88.2	25.4	99.0	29.7	110	34.3
	39	55.9	15.4	66.6	18.9	77.4	22.7	82.8	24.8	88.2	27.0	99.0	31.6	110	36.5
50% (625)	10	46.6	8.14	55.5	9.4	64.5	10.8	69.0	11.5	73.5	12.2	82.5	13.7	91.4	15.3
	12	46.6	8.24	55.5	9.5	64.5	10.9	69.0	11.7	73.5	12.4	82.5	13.9	91.4	15.5
	14	46.6	8.35	55.5	9.7	64.5	11.1	69.0	11.8	73.5	12.6	82.5	14.2	91.4	15.8
	16	46.6	8.46	55.5	9.8	64.5	11.3	69.0	12.0	73.5	12.8	82.5	14.4	91.4	16.1
	18	46.6	8.58	55.5	10.0	64.5	11.5	69.0	12.2	73.5	13.0	82.5	14.7	91.4	16.4
	20	46.6	8.70	55.5	10.1	64.5	11.7	69.0	12.5	73.5	13.3	82.5	15.0	91.4	16.7
	21	46.6	8.77	55.5	10.2	64.5	11.8	69.0	12.6	73.5	13.4	82.5	15.1	91.4	16.9
	23	46.6	8.90	55.5	10.4	64.5	12.0	69.0	12.8	73.5	13.6	82.5	15.4	91.4	17.3
	25	46.6	9.03	55.5	10.6	64.5	12.2	69.0	13.1	73.5	14.0	82.5	16.2	91.4	18.4
	27	46.6	9.18	55.5	10.9	64.5	12.9	69.0	13.9	73.5	14.9	82.5	17.2	91.4	19.6
	29	46.6	9.7	55.5	11.6	64.5	13.6	69.0	14.7	73.5	15.9	82.5	18.3	91.4	20.9
	31	46.6	10.3	55.5	12.3	64.5	14.5	69.0	15.6	73.5	16.9	82.5	19.4	91.4	22.2
	33	46.6	10.8	55.5	13.0	64.5	15.3	69.0	16.6	73.5	17.9	82.5	20.6	91.4	23.6
	35	46.6	11.4	55.5	13.7	64.5	16.2	69.0	17.6	73.5	19.0	82.5	21.9	91.4	25.1
	37	46.6	12.1	55.5	14.5	64.5	17.2	69.0	18.6	73.5	20.1	82.5	23.3	91.4	26.7
	39	46.6	12.7	55.5	15.3	64.5	18.2	69.0	19.7	73.5	21.3	82.5	24.7	91.4	28.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

RXYQ52PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1690)	10	125	21.6	150	26.5	174	31.5	180	32.2	182	31.5	187	30.2	191	28.8
	12	125	22.0	150	27.0	174	32.1	178	32.0	180	31.3	185	30.0	189	29.5
	14	125	22.5	150	27.5	173	32.5	175	31.8	178	31.2	182	30.9	187	31.2
	16	125	22.9	150	28.0	171	32.3	173	32.1	175	32.3	180	32.6	184	32.9
	18	125	23.3	150	28.6	169	33.6	171	33.8	173	33.9	178	34.3	182	34.6
	20	125	23.8	150	30.5	166	35.2	168	35.4	171	35.6	175	35.9	180	36.3
	21	125	24.5	150	31.6	165	36.0	167	36.2	170	36.4	174	36.8	179	37.1
	23	125	26.2	150	33.8	163	37.7	165	37.9	167	38.1	172	38.5	176	38.8
	25	125	28.0	150	36.2	160	39.3	163	39.5	165	39.7	169	40.2	174	40.6
	27	125	29.9	150	38.8	158	41.0	160	41.2	163	41.4	167	41.9	172	42.3
	29	125	31.9	150	41.4	156	42.7	158	42.9	160	43.1	165	43.6	169	44.0
	31	125	34.1	149	43.8	153	44.3	156	44.6	158	44.8	162	45.3	167	45.8
	33	125	36.3	147	45.5	151	46.0	153	46.3	156	46.5	160	47.0	165	47.5
	35	125	38.7	144	47.1	149	47.7	151	48.0	153	48.2	158	48.8	162	49.3
	37	125	41.2	142	48.8	146	49.4	149	49.7	151	50.0	155	50.5	160	51.1
	39	125	43.8	140	50.5	144	51.1	146	51.4	149	51.7	153	52.3	158	52.9
120% (1560)	10	116	19.8	138	24.2	160	28.7	172	31.0	180	32.3	184	31.1	188	29.9
	12	116	20.1	138	24.6	160	29.3	172	31.6	177	32.2	181	30.9	186	29.7
	14	116	20.5	138	25.1	160	29.8	172	32.2	175	32.0	179	30.8	183	31.0
	16	116	20.9	138	25.6	160	30.4	170	32.5	173	32.1	177	32.4	181	32.6
	18	116	21.3	138	26.1	160	31.4	168	33.6	170	33.7	174	34.0	179	34.3
	20	116	21.7	138	27.1	160	33.8	166	35.2	168	35.4	172	35.7	176	36.0
	21	116	21.9	138	28.1	160	35.0	165	36.0	167	36.2	171	36.5	175	36.8
	23	116	23.4	138	30.1	160	37.5	162	37.7	164	37.8	169	38.2	173	38.5
	25	116	25.0	138	32.2	158	39.1	160	39.3	162	39.5	166	39.9	170	40.2
	27	116	26.7	138	34.4	156	40.8	158	41.0	160	41.2	164	41.6	168	42.0
	29	116	28.5	138	36.7	153	42.4	155	42.6	157	42.8	162	43.2	166	43.7
	31	116	30.4	138	39.2	151	44.1	153	44.3	155	44.5	159	45.0	163	45.4
	33	116	32.4	138	41.8	149	45.7	151	46.0	153	46.2	157	46.7	161	47.1
	35	116	34.5	138	44.6	146	47.4	148	47.6	150	47.9	155	48.4	159	48.9
	37	116	36.7	138	47.5	144	49.1	146	49.3	148	49.6	152	50.1	156	50.6
	39	116	39.0	137	50.2	142	50.8	144	51.0	146	51.3	150	51.9	154	52.4
110% (1430)	10	106	18.0	127	21.9	147	26.0	157	28.1	168	30.2	180	32.1	184	30.9
	12	106	18.3	127	22.3	147	26.5	157	28.6	168	30.8	178	31.9	182	30.8
	14	106	18.6	127	22.7	147	27.0	157	29.1	168	31.4	176	31.7	180	30.8
	16	106	19.0	127	23.1	147	27.5	157	29.7	168	32.0	174	32.1	177	32.4
	18	106	19.3	127	23.6	147	28.0	157	30.5	167	33.5	171	33.8	175	34.1
	20	106	19.7	127	24.1	147	29.7	157	32.8	165	35.1	169	35.4	173	35.7
	21	106	19.9	127	24.8	147	30.8	157	34.0	164	36.0	168	36.3	172	36.6
	23	106	20.8	127	26.5	147	33.0	157	36.5	162	37.6	165	37.9	169	38.2
	25	106	22.2	127	28.4	147	35.3	157	39.1	159	39.2	163	39.6	167	39.9
	27	106	23.7	127	30.3	147	37.8	155	40.7	157	40.9	161	41.2	165	41.6
	29	106	25.3	127	32.4	147	40.4	153	42.3	155	42.5	158	42.9	162	43.3
	31	106	26.9	127	34.5	147	43.1	150	44.0	152	44.2	156	44.6	160	45.0
	33	106	28.7	127	36.8	146	45.4	148	45.7	150	45.9	154	46.3	158	46.7
	35	106	30.5	127	39.2	144	47.1	146	47.3	148	47.5	151	48.0	155	48.5
	37	106	32.4	127	41.7	141	48.8	143	49.0	145	49.2	149	49.7	153	50.2
	39	106	34.4	127	44.4	139	50.4	141	50.7	143	50.9	147	51.4	151	51.9
100% (1300)	10	96.5	16.2	115	19.6	134	23.3	143	25.1	152	27.0	171	30.9	181	32.0
	12	96.5	16.5	115	20.0	134	23.7	143	25.6	152	27.5	171	31.5	178	31.8
	14	96.5	16.8	115	20.4	134	24.2	143	26.1	152	28.1	171	32.1	176	31.6
	16	96.5	17.1	115	20.8	134	24.6	143	26.6	152	28.6	170	32.5	174	32.2
	18	96.5	17.4	115	21.2	134	25.1	143	27.1	152	29.2	168	33.6	171	33.8
	20	96.5	17.7	115	21.6	134	25.9	143	28.5	152	31.3	166	35.2	169	35.5
	21	96.5	17.9	115	21.8	134	26.8	143	29.5	152	32.4	165	36.0	168	36.3
	23	96.5	18.4	115	23.2	134	28.7	143	31.6	152	34.7	162	37.6	166	37.9
	25	96.5	19.6	115	24.8	134	30.7	143	33.9	152	37.2	160	39.3	163	39.6
	27	96.5	20.9	115	26.5	134	32.8	143	36.2	152	39.8	158	40.9	161	41.3
	29	96.5	22.2	115	28.3	134	35.0	143	38.7	152	42.3	155	42.6	159	43.0
	31	96.5	23.7	115	30.1	134	37.4	143	41.3	149	43.9	153	44.3	156	44.6
	33	96.5	25.2	115	32.1	134	39.9	143	44.1	147	45.5	151	45.9	154	46.3
	35	96.5	26.8	115	34.2	134	42.5	143	47.0	145	47.2	148	47.6	152	48.0
	37	96.5	28.4	115	36.3	134	45.3	141	48.7	142	48.9	146	49.3	149	49.8
	39	96.5	30.2	115	38.7	134	48.2	138	50.3	140	50.5	144	51.0	147	51.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1170)	10	86.9	14.5	103.6	17.5	120	20.6	129	22.3	137	23.9	154	27.3	171	30.8
	12	86.9	14.7	103.6	17.8	120	21.0	129	22.7	137	24.4	154	27.9	171	31.4
	14	86.9	15.0	103.6	18.1	120	21.4	129	23.1	137	24.9	154	28.4	171	32.0
	16	86.9	15.3	103.6	18.5	120	21.8	129	23.6	137	25.3	154	29.0	170	32.5
	18	86.9	15.5	103.6	18.8	120	22.2	129	24.0	137	25.8	154	29.5	168	33.5
	20	86.9	15.8	103.6	19.2	120	22.7	129	24.5	137	26.8	154	31.7	166	35.2
	21	86.9	16.0	103.6	19.4	120	23.1	129	25.4	137	27.8	154	32.9	164	36.0
	23	86.9	16.3	103.6	20.2	120	24.7	129	27.2	137	29.7	154	35.3	162	37.6
	25	86.9	17.1	103.6	21.5	120	26.4	129	29.1	137	31.8	154	37.8	160	39.3
	27	86.9	18.2	103.6	22.9	120	28.2	129	31.0	137	34.0	154	40.4	157	40.9
	29	86.9	19.4	103.6	24.5	120	30.1	129	33.1	137	36.3	152	42.3	155	42.6
	31	86.9	20.6	103.6	26.0	120	32.1	129	35.3	137	38.8	150	43.9	153	44.3
	33	86.9	21.9	103.6	27.7	120	34.2	129	37.7	137	41.4	147	45.6	150	45.9
	35	86.9	23.3	103.6	29.5	120	36.4	129	40.2	137	44.1	145	47.2	148	47.6
	37	86.9	24.7	103.6	31.3	120	38.7	129	42.8	137	47.0	143	48.9	146	49.3
	39	86.9	26.2	103.6	33.3	120	41.2	129	45.5	137	50.1	140	50.6	144	51.0
80% (1040)	10	77.2	12.9	92.1	15.4	107	18.1	114	19.5	122	20.9	137	23.9	152	26.9
	12	77.2	13.1	92.1	15.7	107	18.4	114	19.9	122	21.3	137	24.3	152	27.4
	14	77.2	13.3	92.1	15.9	107	18.8	114	20.2	122	21.7	137	24.8	152	27.9
	16	77.2	13.5	92.1	16.2	107	19.1	114	20.6	122	22.1	137	25.3	152	28.5
	18	77.2	13.8	92.1	16.5	107	19.5	114	21.0	122	22.6	137	25.8	152	29.0
	20	77.2	14.0	92.1	16.8	107	19.9	114	21.4	122	23.0	137	26.7	152	31.1
	21	77.2	14.1	92.1	17.0	107	20.1	114	21.6	122	23.5	137	27.7	152	32.2
	23	77.2	14.4	92.1	17.3	107	21.0	114	23.0	122	25.1	137	29.6	152	34.5
	25	77.2	14.8	92.1	18.4	107	22.5	114	24.6	122	26.9	137	31.7	152	36.9
	27	77.2	15.8	92.1	19.7	107	24.0	114	26.3	122	28.7	137	33.9	152	39.5
	29	77.2	16.8	92.1	20.9	107	25.5	114	28.0	122	30.6	137	36.2	152	42.2
	31	77.2	17.8	92.1	22.3	107	27.2	114	29.9	122	32.7	137	38.6	149	43.9
	33	77.2	18.9	92.1	23.7	107	29.0	114	31.8	122	34.8	137	41.2	147	45.5
	35	77.2	20.1	92.1	25.1	107	30.8	114	33.9	122	37.1	137	43.9	145	47.2
	37	77.2	21.3	92.1	26.7	107	32.8	114	36.0	122	39.5	137	46.8	142	48.9
	39	77.2	22.5	92.1	28.3	107	34.8	114	38.3	122	42.0	137	49.9	140	50.5
70% (910)	10	67.6	11.3	80.6	13.4	93.6	15.7	100.1	16.8	107	18.0	120	20.5	133	23.1
	12	67.6	11.5	80.6	13.6	93.6	15.9	100.1	17.1	107	18.4	120	20.9	133	23.5
	14	67.6	11.7	80.6	13.9	93.6	16.2	100.1	17.4	107	18.7	120	21.3	133	23.9
	16	67.6	11.9	80.6	14.1	93.6	16.5	100.1	17.8	107	19.0	120	21.7	133	24.4
	18	67.6	12.0	80.6	14.4	93.6	16.8	100.1	18.1	107	19.4	120	22.1	133	24.9
	20	67.6	12.3	80.6	14.6	93.6	17.1	100.1	18.5	107	19.8	120	22.5	133	25.6
	21	67.6	12.4	80.6	14.8	93.6	17.3	100.1	18.6	107	20.0	120	22.9	133	26.5
	23	67.6	12.6	80.6	15.0	93.6	17.7	100.1	19.3	107	20.9	120	24.5	133	28.4
	25	67.6	12.8	80.6	15.6	93.6	18.8	100.1	20.6	107	22.4	120	26.2	133	30.3
	27	67.6	13.5	80.6	16.6	93.6	20.1	100.1	21.9	107	23.9	120	28.0	133	32.4
	29	67.6	14.4	80.6	17.7	93.6	21.4	100.1	23.4	107	25.4	120	29.8	133	34.6
	31	67.6	15.2	80.6	18.8	93.6	22.7	100.1	24.9	107	27.1	120	31.8	133	36.9
	33	67.6	16.1	80.6	19.9	93.6	24.2	100.1	26.4	107	28.8	120	33.9	133	39.4
	35	67.6	17.1	80.6	21.2	93.6	25.7	100.1	28.1	107	30.7	120	36.1	133	42.0
	37	67.6	18.1	80.6	22.4	93.6	27.3	100.1	29.9	107	32.6	120	38.4	133	44.7
	39	67.6	19.1	80.6	23.8	93.6	29.0	100.1	31.7	107	34.7	120	40.9	133	47.6
60% (780)	10	57.9	9.8	69.1	11.6	80.2	13.4	85.8	14.3	91.4	15.3	102.5	17.3	114	19.4
	12	57.9	10.0	69.1	11.7	80.2	13.6	85.8	14.6	91.4	15.5	102.5	17.6	114	19.7
	14	57.9	10.1	69.1	11.9	80.2	13.8	85.8	14.8	91.4	15.8	102.5	17.9	114	20.1
	16	57.9	10.3	69.1	12.1	80.2	14.1	85.8	15.1	91.4	16.1	102.5	18.2	114	20.5
	18	57.9	10.4	69.1	12.3	80.2	14.3	85.8	15.3	91.4	16.4	102.5	18.6	114	20.9
	20	57.9	10.6	69.1	12.5	80.2	14.6	85.8	15.6	91.4	16.7	102.5	18.9	114	21.3
	21	57.9	10.7	69.1	12.6	80.2	14.7	85.8	15.8	91.4	16.9	102.5	19.1	114	21.5
	23	57.9	10.9	69.1	12.8	80.2	15.0	85.8	16.1	91.4	17.2	102.5	19.9	114	22.8
	25	57.9	11.0	69.1	13.1	80.2	15.5	85.8	16.9	91.4	18.3	102.5	21.2	114	24.4
	27	57.9	11.4	69.1	13.9	80.2	16.5	85.8	18.0	91.4	19.5	102.5	22.6	114	26.1
	29	57.9	12.1	69.1	14.7	80.2	17.6	85.8	19.1	91.4	20.7	102.5	24.1	114	27.8
	31	57.9	12.8	69.1	15.6	80.2	18.7	85.8	20.3	91.4	22.0	102.5	25.7	114	29.6
	33	57.9	13.6	69.1	16.5	80.2	19.8	85.8	21.6	91.4	23.4	102.5	27.3	114	31.5
	35	57.9	14.4	69.1	17.5	80.2	21.0	85.8	22.9	91.4	24.9	102.5	29.1	114	33.6
	37	57.9	15.2	69.1	18.6	80.2	22.3	85.8	24.3	91.4	26.4	102.5	30.9	114	35.7
	39	57.9	16.0	69.1	19.6	80.2	23.6	85.8	25.8	91.4	28.0	102.5	32.8	114	38.0
50% (650)	10	48.3	8.46	57.6	9.8	66.9	11.2	71.5	11.9	76.1	12.7	85.4	14.3	94.7	15.9
	12	48.3	8.57	57.6	9.9	66.9	11.4	71.5	12.1	76.1	12.9	85.4	14.5	94.7	16.2
	14	48.3	8.68	57.6	10.1	66.9	11.6	71.5	12.3	76.1	13.1	85.4	14.7	94.7	16.4
	16	48.3	8.80	57.6	10.2	66.9	11.7	71.5	12.5	76.1	13.3	85.4	15.0	94.7	16.7
	18	48.3	8.92	57.6	10.4	66.9	11.9	71.5	12.7	76.1	13.6	85.4	15.3	94.7	17.0
	20	48.3	9.05	57.6	10.5	66.9	12.1	71.5	13.0	76.1	13.8	85.4	15.5	94.7	17.4
	21	48.3	9.12	57.6	10.6	66.9	12.2	71.5	13.1	76.1	13.9	85.4	15.7	94.7	17.5
	23	48.3	9.25	57.6	10.8	66.9	12.4	71.5	13.3	76.1	14.2	85.4	16.0	94.7	17.9
	25	48.3	9.39	57.6	11.0	66.9	12.7	71.5	13.6	76.1	14.6	85.4	16.8	94.7	19.1
	27	48.3	9.55	57.6	11.4	66.9	13.4	71.5	14.4	76.1	15.5	85.4	17.9	94.7	20.4
	29	48.3	10.1	57.6	12.0	66.9	14.2	71.5	15.3	76.1	16.5	85.4	19.0	94.7	21.7
	31	48.3	10.7	57.6	12.8	66.9	15.0	71.5	16.3	76.1	17.5	85.4	20.2	94.7	23.1
	33	48.3	11.3	57.6	13.5	66.9	15.9	71.5	17.2	76.1	18.6	85.4	21.5	94.7	24.6
	35	48.3	11.9	57.6	14.3	66.9	16.9	71.5	18.3	76.1	19.7	85.4	22.8	94.7	26.1
	37	48.3	12.5	57.6	15.1	66.9	17.9	71.5	19.3	76.1	20.9	85.4	24.2	94.7	27.7
	39	48.3	13.2	57.6	15.9	66.9	18.9	71.5	20.5	76.1	22.1	85.4	25.7	94.7	29.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

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RXYQ54PAY1, PAYL, PTL [50/60Hz] Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1755)	10	129	22.7	154	27.7	179	33.0	185	33.7	187	33.0	192	31.6	197	30.2
	12	129	23.1	154	28.3	179	33.6	183	33.5	185	32.8	190	31.4	194	30.9
	14	129	23.5	154	28.8	178	34.0	180	33.3	183	32.6	187	32.4	192	32.7
	16	129	24.0	154	29.4	176	33.9	178	33.6	180	33.8	185	34.1	190	34.4
	18	129	24.4	154	29.9	173	35.2	176	35.3	178	35.5	183	35.9	187	36.2
	20	129	24.9	154	31.9	171	36.9	173	37.1	176	37.2	180	37.6	185	38.0
	21	129	25.6	154	33.0	170	37.7	172	37.9	174	38.1	179	38.5	184	38.9
	23	129	27.4	154	35.4	167	39.5	170	39.7	172	39.9	177	40.3	181	40.7
	25	129	29.3	154	37.9	165	41.2	167	41.4	170	41.6	174	42.0	179	42.5
	27	129	31.3	154	40.6	162	42.9	165	43.1	167	43.4	172	43.8	176	44.3
	29	129	33.4	154	43.4	160	44.7	162	44.9	165	45.1	169	45.6	174	46.1
	31	129	35.7	153	45.9	158	46.4	160	46.7	162	46.9	167	47.4	172	47.9
	33	129	38.0	151	47.6	155	48.2	158	48.4	160	48.7	165	49.2	169	49.8
	35	129	40.5	148	49.4	153	49.9	155	50.2	158	50.5	162	51.1	167	51.6
	37	129	43.1	146	51.1	151	51.7	153	52.0	155	52.3	160	52.9	164	53.5
	39	129	45.9	143	52.8	148	53.5	150	53.8	153	54.1	157	54.7	162	55.4
120% (1620)	10	119	20.7	142	25.3	165	30.1	176	32.5	185	33.9	189	32.6	193	31.3
	12	119	21.1	142	25.8	165	30.6	176	33.1	182	33.7	186	32.4	191	31.1
	14	119	21.5	142	26.3	165	31.2	176	33.7	180	33.5	184	32.2	188	32.4
	16	119	21.9	142	26.8	165	31.8	175	34.0	177	33.6	182	33.9	186	34.2
	18	119	22.3	142	27.3	165	32.9	173	35.1	175	35.3	179	35.6	184	35.9
	20	119	22.7	142	28.4	165	35.4	170	36.8	173	37.0	177	37.4	181	37.7
	21	119	23.0	142	29.4	165	36.7	169	37.7	171	37.9	176	38.2	180	38.6
	23	119	24.5	142	31.5	165	39.2	167	39.4	169	39.6	173	40.0	178	40.3
	25	119	26.2	142	33.7	162	40.9	164	41.1	167	41.3	171	41.7	175	42.1
	27	119	28.0	142	36.0	160	42.7	162	42.9	164	43.1	169	43.5	173	43.9
	29	119	29.8	142	38.5	158	44.4	160	44.6	162	44.8	166	45.3	170	45.7
	31	119	31.8	142	41.1	155	46.1	157	46.4	159	46.6	164	47.1	168	47.5
	33	119	33.9	142	43.8	153	47.9	155	48.1	157	48.4	161	48.8	166	49.3
	35	119	36.1	142	46.7	150	49.6	153	49.9	155	50.1	159	50.7	163	51.2
	37	119	38.4	142	49.8	148	51.4	150	51.6	152	51.9	157	52.5	161	53.0
	39	119	40.8	141	52.5	146	53.1	148	53.4	150	53.7	154	54.3	158	54.9
110% (1485)	10	109	18.8	130	22.9	151	27.2	162	29.4	172	31.6	186	33.6	189	32.4
	12	109	19.1	130	23.3	151	27.7	162	29.9	172	32.2	183	33.4	187	32.2
	14	109	19.5	130	23.8	151	28.2	162	30.5	172	32.8	181	33.2	185	32.2
	16	109	19.8	130	24.2	151	28.8	162	31.1	172	33.5	178	33.6	182	33.9
	18	109	20.2	130	24.7	151	29.3	162	32.0	172	35.1	176	35.4	180	35.7
	20	109	20.6	130	25.2	151	31.1	162	34.4	170	36.8	174	37.1	178	37.4
	21	109	20.8	130	25.9	151	32.2	162	35.6	168	37.6	172	38.0	176	38.3
	23	109	21.8	130	27.8	151	34.5	162	38.2	166	39.4	170	39.7	174	40.0
	25	109	23.3	130	29.7	151	37.0	162	40.9	164	41.1	168	41.4	172	41.8
	27	109	24.8	130	31.7	151	39.5	159	42.6	161	42.8	165	43.2	169	43.6
	29	109	26.5	130	33.9	151	42.2	157	44.3	159	44.5	163	44.9	167	45.3
	31	109	28.2	130	36.1	151	45.1	155	46.1	157	46.3	160	46.7	164	47.1
	33	109	30.0	130	38.5	150	47.6	152	47.8	154	48.0	158	48.5	162	48.9
	35	109	31.9	130	41.0	148	49.3	150	49.5	152	49.8	156	50.3	160	50.7
	37	109	33.9	130	43.7	145	51.0	147	51.3	149	51.5	153	52.0	157	52.5
	39	109	36.1	130	46.5	143	52.8	145	53.0	147	53.3	151	53.8	155	54.4
100% (1350)	10	99.2	17.0	118	20.6	137	24.4	147	26.3	157	28.3	176	32.3	186	33.5
	12	99.2	17.2	118	20.9	137	24.8	147	26.8	157	28.8	176	33.0	183	33.3
	14	99.2	17.6	118	21.3	137	25.3	147	27.3	157	29.4	176	33.6	181	33.1
	16	99.2	17.9	118	21.7	137	25.8	147	27.9	157	30.0	175	34.0	179	33.7
	18	99.2	18.2	118	22.1	137	26.3	147	28.4	157	30.6	173	35.1	176	35.4
	20	99.2	18.6	118	22.6	137	27.1	147	29.8	157	32.7	170	36.8	174	37.1
	21	99.2	18.7	118	22.8	137	28.0	147	30.9	157	33.9	169	37.7	173	38.0
	23	99.2	19.2	118	24.3	137	30.0	147	33.1	157	36.4	167	39.4	170	39.7
	25	99.2	20.5	118	26.0	137	32.1	147	35.5	157	38.9	164	41.1	168	41.5
	27	99.2	21.9	118	27.7	137	34.3	147	37.9	157	41.7	162	42.9	166	43.2
	29	99.2	23.3	118	29.6	137	36.7	147	40.5	156	44.2	160	44.6	163	45.0
	31	99.2	24.8	118	31.5	137	39.1	147	43.2	154	46.0	157	46.3	161	46.7
	33	99.2	26.3	118	33.6	137	41.7	147	46.1	151	47.7	155	48.1	158	48.5
	35	99.2	28.0	118	35.8	137	44.5	147	49.2	149	49.4	152	49.9	156	50.3
	37	99.2	29.8	118	38.0	137	47.4	145	50.9	146	51.2	150	51.6	154	52.1
	39	99.2	31.6	118	40.5	137	50.5	142	52.7	144	52.9	148	53.4	151	53.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1215)	10	89.3	15.2	106.5	18.3	124	21.6	132	23.3	141	25.1	158	28.6	175	32.3
	12	89.3	15.4	106.5	18.6	124	22.0	132	23.8	141	25.5	158	29.2	175	32.9
	14	89.3	15.7	106.5	19.0	124	22.4	132	24.2	141	26.0	158	29.7	175	33.5
	16	89.3	16.0	106.5	19.3	124	22.8	132	24.7	141	26.5	158	30.3	175	34.1
	18	89.3	16.3	106.5	19.7	124	23.3	132	25.2	141	27.0	158	30.9	173	35.1
	20	89.3	16.6	106.5	20.1	124	23.8	132	25.7	141	28.1	158	33.2	170	36.8
	21	89.3	16.7	106.5	20.3	124	24.2	132	26.6	141	29.1	158	34.4	169	37.7
	23	89.3	17.0	106.5	21.1	124	25.9	132	28.4	141	31.1	158	36.9	167	39.4
	25	89.3	17.9	106.5	22.5	124	27.6	132	30.4	141	33.3	158	39.5	164	41.1
	27	89.3	19.1	106.5	24.0	124	29.5	132	32.5	141	35.6	158	42.3	162	42.9
	29	89.3	20.3	106.5	25.6	124	31.5	132	34.7	141	38.0	156	44.3	159	44.6
	31	89.3	21.6	106.5	27.3	124	33.6	132	37.0	141	40.6	154	46.0	157	46.3
	33	89.3	23.0	106.5	29.0	124	35.8	132	39.4	141	43.3	151	47.7	155	48.1
	35	89.3	24.4	106.5	30.8	124	38.1	132	42.0	141	46.2	149	49.5	152	49.8
	37	89.3	25.9	106.5	32.8	124	40.6	132	44.8	141	49.2	147	51.2	150	51.6
	39	89.3	27.4	106.5	34.8	124	43.2	132	47.7	141	52.4	144	53.0	148	53.4
80% (1080)	10	79.4	13.5	94.7	16.1	110	19.0	118	20.4	125	21.9	141	25.0	156	28.2
	12	79.4	13.7	94.7	16.4	110	19.3	118	20.8	125	22.3	141	25.5	156	28.7
	14	79.4	13.9	94.7	16.7	110	19.6	118	21.2	125	22.7	141	25.9	156	29.2
	16	79.4	14.1	94.7	17.0	110	20.0	118	21.6	125	23.2	141	26.4	156	29.8
	18	79.4	14.4	94.7	17.3	110	20.4	118	22.0	125	23.6	141	27.0	156	30.4
	20	79.4	14.6	94.7	17.6	110	20.8	118	22.4	125	24.1	141	28.0	156	32.5
	21	79.4	14.8	94.7	17.8	110	21.0	118	22.6	125	24.6	141	29.0	156	33.7
	23	79.4	15.1	94.7	18.1	110	22.0	118	24.1	125	26.3	141	31.0	156	36.1
	25	79.4	15.5	94.7	19.3	110	23.5	118	25.8	125	28.1	141	33.2	156	38.7
	27	79.4	16.5	94.7	20.6	110	25.1	118	27.5	125	30.0	141	35.5	156	41.4
	29	79.4	17.6	94.7	21.9	110	26.7	118	29.3	125	32.1	141	37.9	156	44.2
	31	79.4	18.7	94.7	23.3	110	28.5	118	31.3	125	34.2	141	40.4	153	45.9
	33	79.4	19.8	94.7	24.8	110	30.3	118	33.3	125	36.4	141	43.1	151	47.7
	35	79.4	21.0	94.7	26.3	110	32.2	118	35.4	125	38.8	141	46.0	149	49.4
	37	79.4	22.3	94.7	27.9	110	34.3	118	37.7	125	41.3	141	49.0	146	51.1
	39	79.4	23.6	94.7	29.7	110	36.4	118	40.1	125	44.0	141	52.2	144	52.9
70% (945)	10	69.4	11.8	82.8	14.1	96.2	16.4	102.9	17.6	110	18.9	123	21.5	136	24.1
	12	69.4	12.0	82.8	14.3	96.2	16.7	102.9	17.9	110	19.2	123	21.9	136	24.6
	14	69.4	12.2	82.8	14.5	96.2	17.0	102.9	18.3	110	19.6	123	22.3	136	25.1
	16	69.4	12.4	82.8	14.8	96.2	17.3	102.9	18.6	110	19.9	123	22.7	136	25.5
	18	69.4	12.6	82.8	15.0	96.2	17.6	102.9	19.0	110	20.3	123	23.1	136	26.0
	20	69.4	12.8	82.8	15.3	96.2	17.9	102.9	19.3	110	20.7	123	23.6	136	26.8
	21	69.4	12.9	82.8	15.4	96.2	18.1	102.9	19.5	110	20.9	123	24.0	136	27.7
	23	69.4	13.2	82.8	15.7	96.2	18.5	102.9	20.2	110	21.9	123	25.7	136	29.7
	25	69.4	13.4	82.8	16.4	96.2	19.7	102.9	21.5	110	23.4	123	27.4	136	31.8
	27	69.4	14.2	82.8	17.4	96.2	21.0	102.9	22.9	110	25.0	123	29.3	136	33.9
	29	69.4	15.0	82.8	18.5	96.2	22.4	102.9	24.4	110	26.6	123	31.2	136	36.2
	31	69.4	15.9	82.8	19.7	96.2	23.8	102.9	26.0	110	28.3	123	33.3	136	38.7
	33	69.4	16.9	82.8	20.9	96.2	25.3	102.9	27.7	110	30.2	123	35.5	136	41.2
	35	69.4	17.9	82.8	22.1	96.2	26.9	102.9	29.4	110	32.1	123	37.8	136	44.0
	37	69.4	18.9	82.8	23.5	96.2	28.5	102.9	31.3	110	34.1	123	40.2	136	46.8
	39	69.4	20.0	82.8	24.9	96.2	30.3	102.9	33.2	110	36.3	123	42.8	136	49.9
60% (810)	10	59.5	10.3	71.0	12.1	82.5	14.0	88.2	15.0	93.9	16.0	105.4	18.1	117	20.3
	12	59.5	10.5	71.0	12.3	82.5	14.2	88.2	15.2	93.9	16.3	105.4	18.4	117	20.6
	14	59.5	10.6	71.0	12.5	82.5	14.5	88.2	15.5	93.9	16.6	105.4	18.8	117	21.0
	16	59.5	10.8	71.0	12.7	82.5	14.7	88.2	15.8	93.9	16.9	105.4	19.1	117	21.4
	18	59.5	10.9	71.0	12.9	82.5	15.0	88.2	16.1	93.9	17.2	105.4	19.5	117	21.8
	20	59.5	11.1	71.0	13.1	82.5	15.2	88.2	16.3	93.9	17.5	105.4	19.8	117	22.3
	21	59.5	11.2	71.0	13.2	82.5	15.4	88.2	16.5	93.9	17.7	105.4	20.0	117	22.5
	23	59.5	11.4	71.0	13.4	82.5	15.7	88.2	16.8	93.9	18.0	105.4	20.8	117	23.9
	25	59.5	11.6	71.0	13.7	82.5	16.3	88.2	17.7	93.9	19.1	105.4	22.2	117	25.6
	27	59.5	12.0	71.0	14.5	82.5	17.3	88.2	18.8	93.9	20.4	105.4	23.7	117	27.3
	29	59.5	12.7	71.0	15.4	82.5	18.4	88.2	20.0	93.9	21.7	105.4	25.2	117	29.1
	31	59.5	13.4	71.0	16.3	82.5	19.6	88.2	21.3	93.9	23.1	105.4	26.9	117	31.0
	33	59.5	14.2	71.0	17.3	82.5	20.8	88.2	22.6	93.9	24.5	105.4	28.6	117	33.0
	35	59.5	15.0	71.0	18.4	82.5	22.0	88.2	24.0	93.9	26.0	105.4	30.4	117	35.1
	37	59.5	15.9	71.0	19.4	82.5	23.4	88.2	25.5	93.9	27.6	105.4	32.3	117	37.4
	39	59.5	16.8	71.0	20.6	82.5	24.8	88.2	27.0	93.9	29.3	105.4	34.4	117	39.8
50% (675)	10	49.6	8.86	59.2	10.2	68.7	11.7	73.5	12.5	78.3	13.3	87.8	14.9	97.4	16.6
	12	49.6	8.97	59.2	10.4	68.7	11.9	73.5	12.7	78.3	13.5	87.8	15.2	97.4	16.9
	14	49.6	9.09	59.2	10.5	68.7	12.1	73.5	12.9	78.3	13.7	87.8	15.4	97.4	17.2
	16	49.6	9.21	59.2	10.7	68.7	12.3	73.5	13.1	78.3	14.0	87.8	15.7	97.4	17.5
	18	49.6	9.34	59.2	10.9	68.7	12.5	73.5	13.3	78.3	14.2	87.8	16.0	97.4	17.8
	20	49.6	9.47	59.2	11.0	68.7	12.7	73.5	13.6	78.3	14.4	87.8	16.3	97.4	18.2
	21	49.6	9.54	59.2	11.1	68.7	12.8	73.5	13.7	78.3	14.6	87.8	16.4	97.4	18.4
	23	49.6	9.69	59.2	11.3	68.7	13.0	73.5	13.9	78.3	14.8	87.8	16.7	97.4	18.8
	25	49.6	9.83	59.2	11.5	68.7	13.3	73.5	14.2	78.3	15.3	87.8	17.6	97.4	20.0
	27	49.6	9.99	59.2	11.9	68.7	14.0	73.5	15.1	78.3	16.3	87.8	18.7	97.4	21.3
	29	49.6	10.6	59.2	12.6	68.7	14.8	73.5	16.0	78.3	17.3	87.8	19.9	97.4	22.7
	31	49.6	11.2	59.2	13.4	68.7	15.7	73.5	17.0	78.3	18.3	87.8	21.2	97.4	24.2
	33	49.6	11.8	59.2	14.1	68.7	16.7	73.5	18.0	78.3	19.5	87.8	22.5	97.4	25.7
	35	49.6	12.4	59.2	14.9	68.7	17.7	73.5	19.1	78.3	20.6	87.8	23.9	97.4	27.3
	37	49.6	13.1	59.2	15.8	68.7	18.7	73.5	20.3	78.3	21.9	87.8	25.3	97.4	29.0
	39	49.6	13.8	59.2	16.7	68.7	19.8	73.5	21.4	78.3	23.2	87.8	26.9	97.4	30.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note1: The above table shows the average value of conditions which may occur.

9.2 Heating Capacity (RXYQ-P(A))

RXYQ5PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (162.5)	-19.8	-20.0	10.6	2.83	10.5	3.02	10.5	3.22	10.5	3.31	10.4	3.41	10.4	3.60
	-18.8	-19.0	10.9	2.94	10.8	3.12	10.8	3.31	10.8	3.40	10.8	3.50	10.7	3.68
	-16.7	-17.0	11.5	3.13	11.5	3.30	11.4	3.48	11.4	3.57	11.4	3.66	11.3	3.83
	-14.7	-15.0	12.1	3.30	12.1	3.47	12.0	3.63	12.0	3.72	12.0	3.80	12.0	3.96
	-12.6	-13.0	12.7	3.45	12.7	3.61	12.7	3.77	12.7	3.85	12.6	3.93	12.6	4.08
	-10.5	-11.0	13.4	3.59	13.3	3.74	13.3	3.89	13.3	3.97	13.3	4.04	13.2	4.19
	-9.5	-10.0	13.7	3.66	13.7	3.80	13.6	3.95	13.6	4.02	13.6	4.10	13.5	4.24
	-8.5	-9.1	14.0	3.71	13.9	3.86	13.9	4.00	13.9	4.07	13.9	4.14	13.8	4.29
	-7.0	-7.6	14.4	3.80	14.4	3.94	14.4	4.08	14.3	4.15	14.3	4.22	14.3	4.36
	-5.0	-5.6	15.1	3.91	15.0	4.04	15.0	4.18	15.0	4.24	15.0	4.31	14.9	4.44
	-3.0	-3.7	15.7	4.01	15.6	4.13	15.6	4.26	15.6	4.32	15.5	4.39	15.5	4.52
	0.0	-0.7	16.6	4.14	16.6	4.26	16.5	4.38	16.5	4.44	16.5	4.50	16.5	4.62
	3.0	2.2	17.5	4.26	17.5	4.37	17.4	4.49	17.4	4.55	17.4	4.60	17.4	4.72
	5.0	4.1	18.1	4.33	18.1	4.44	18.0	4.55	18.0	4.61	18.0	4.66	18.0	4.77
	7.0	6.0	18.7	4.40	18.7	4.51	18.6	4.61	18.6	4.67	18.6	4.72	18.1	4.65
	9.0	7.9	19.3	4.46	19.3	4.57	19.2	4.67	19.2	4.72	19.2	4.77	18.1	4.48
	11.0	9.8	19.9	4.52	19.8	4.62	19.8	4.72	19.8	4.77	19.5	4.70	18.1	4.31
	13.0	11.8	20.5	4.58	20.5	4.68	20.4	4.78	20.1	4.72	19.5	4.53	18.1	4.15
	15.0	13.7	21.1	4.63	21.1	4.73	20.8	4.74	20.1	4.55	19.5	4.37	18.1	4.01
120% (150)	-19.8	-20.0	10.5	3.09	10.5	3.27	10.4	3.45	10.4	3.54	10.4	3.62	10.4	3.80
	-18.8	-19.0	10.8	3.19	10.8	3.36	10.8	3.53	10.7	3.62	10.7	3.71	10.7	3.88
	-16.7	-17.0	11.4	3.37	11.4	3.53	11.4	3.69	11.4	3.77	11.3	3.85	11.3	4.02
	-14.7	-15.0	12.1	3.52	12.0	3.68	12.0	3.83	12.0	3.91	12.0	3.98	11.9	4.14
	-12.6	-13.0	12.7	3.67	12.7	3.81	12.6	3.96	12.6	4.03	12.6	4.10	12.6	4.25
	-10.5	-11.0	13.3	3.80	13.3	3.93	13.3	4.07	13.2	4.14	13.2	4.21	13.2	4.35
	-9.5	-10.0	13.6	3.86	13.6	3.99	13.6	4.13	13.6	4.19	13.5	4.26	13.5	4.40
	-8.5	-9.1	13.9	3.91	13.9	4.04	13.9	4.17	13.8	4.24	13.8	4.30	13.8	4.44
	-7.0	-7.6	14.4	3.99	14.4	4.12	14.3	4.24	14.3	4.31	14.3	4.37	14.3	4.50
	-5.0	-5.6	15.0	4.09	15.0	4.21	14.9	4.33	14.9	4.40	14.9	4.46	14.9	4.58
	-3.0	-3.7	15.6	4.18	15.6	4.30	15.5	4.41	15.5	4.47	15.5	4.53	15.5	4.65
	0.0	-0.7	16.5	4.30	16.5	4.42	16.5	4.53	16.5	4.58	16.4	4.64	16.4	4.75
	3.0	2.2	17.5	4.41	17.4	4.52	17.4	4.63	17.4	4.68	17.4	4.73	16.7	4.58
	5.0	4.1	18.1	4.48	18.0	4.58	18.0	4.68	18.0	4.74	17.9	4.79	16.7	4.39
	7.0	6.0	18.6	4.54	18.6	4.64	18.6	4.74	18.6	4.79	18.0	4.60	16.7	4.22
	9.0	7.9	19.2	4.60	19.2	4.70	19.2	4.79	18.6	4.61	18.0	4.43	16.7	4.06
	11.0	9.8	19.8	4.66	19.8	4.75	19.2	4.62	18.6	4.44	18.0	4.26	16.7	3.92
	13.0	11.8	20.5	4.71	20.4	4.80	19.2	4.45	18.6	4.28	18.0	4.11	16.7	3.77
	15.0	13.7	21.1	4.76	20.4	4.64	19.2	4.30	18.6	4.13	18.0	3.97	16.7	3.65
110% (137.5)	-19.8	-20.0	10.5	3.35	10.4	3.51	10.4	3.68	10.4	3.76	10.4	3.84	10.3	4.00
	-18.8	-19.0	10.8	3.44	10.7	3.60	10.7	3.76	10.7	3.84	10.7	3.91	10.6	4.07
	-16.7	-17.0	11.4	3.60	11.4	3.75	11.3	3.90	11.3	3.98	11.3	4.05	11.3	4.20
	-14.7	-15.0	12.0	3.75	12.0	3.89	12.0	4.03	11.9	4.10	11.9	4.17	11.9	4.31
	-12.6	-13.0	12.6	3.88	12.6	4.01	12.6	4.15	12.6	4.21	12.6	4.28	12.5	4.41
	-10.5	-11.0	13.3	4.00	13.2	4.13	13.2	4.25	13.2	4.32	13.2	4.38	13.2	4.51
	-9.5	-10.0	13.6	4.05	13.6	4.18	13.5	4.30	13.5	4.36	13.5	4.43	13.5	4.55
	-8.5	-9.1	13.9	4.10	13.8	4.22	13.8	4.34	13.8	4.40	13.8	4.47	13.7	4.59
	-7.0	-7.6	14.3	4.18	14.3	4.29	14.3	4.41	14.3	4.47	14.2	4.53	14.2	4.65
	-5.0	-5.6	15.0	4.27	14.9	4.38	14.9	4.49	14.9	4.55	14.9	4.61	14.8	4.72
	-3.0	-3.7	15.6	4.35	15.5	4.46	15.5	4.57	15.5	4.62	15.5	4.67	15.3	4.73
	0.0	-0.7	16.5	4.47	16.5	4.57	16.4	4.67	16.4	4.72	16.4	4.77	15.3	4.40
	3.0	2.2	17.4	4.57	17.4	4.67	17.3	4.76	17.0	4.68	16.5	4.49	15.3	4.12
	5.0	4.1	18.0	4.63	18.0	4.72	17.6	4.67	17.0	4.49	16.5	4.31	15.3	3.96
	7.0	6.0	18.6	4.69	18.6	4.78	17.6	4.49	17.0	4.31	16.5	4.14	15.3	3.80
	9.0	7.9	19.2	4.74	18.7	4.66	17.6	4.32	17.0	4.15	16.5	3.99	15.3	3.66
	11.0	9.8	19.8	4.79	18.7	4.49	17.6	4.16	17.0	4.00	16.5	3.84	15.3	3.53
	13.0	11.8	19.9	4.64	18.7	4.32	17.6	4.01	17.0	3.85	16.5	3.70	15.3	3.41
	15.0	13.7	19.9	4.48	18.7	4.17	17.6	3.87	17.0	3.72	16.5	3.58	15.3	3.30
100% (125)	-19.8	-20.0	10.4	3.61	10.4	3.76	10.4	3.91	10.3	3.98	10.3	4.06	10.3	4.20
	-18.8	-19.0	10.7	3.69	10.7	3.84	10.7	3.98	10.7	4.05	10.6	4.12	10.6	4.27
	-16.7	-17.0	11.3	3.84	11.3	3.98	11.3	4.11	11.3	4.18	11.3	4.25	11.2	4.38
	-14.7	-15.0	12.0	3.97	11.9	4.10	11.9	4.23	11.9	4.29	11.9	4.36	11.9	4.49
	-12.6	-13.0	12.6	4.09	12.6	4.21	12.5	4.34	12.5	4.40	12.5	4.46	12.5	4.58
	-10.5	-11.0	13.2	4.20	13.2	4.32	13.2	4.43	13.2	4.49	13.1	4.55	13.1	4.66
	-9.5	-10.0	13.5	4.25	13.5	4.36	13.5	4.48	13.5	4.53	13.5	4.59	13.4	4.70
	-8.5	-9.1	13.8	4.30	13.8	4.41	13.8	4.52	13.7	4.57	13.7	4.63	13.7	4.74
	-7.0	-7.6	14.3	4.36	14.3	4.47	14.2	4.58	14.2	4.63	14.2	4.68	13.9	4.67
	-5.0	-5.6	14.9	4.45	14.9	4.55	14.9	4.65	14.8	4.70	14.8	4.76	13.9	4.42
	-3.0	-3.7	15.5	4.52	15.5	4.62	15.5	4.72	15.4	4.77	15.0	4.60	13.9	4.21
	0.0	-0.7	16.4	4.63	16.4	4.72	16.0	4.63	15.5	4.45	15.0	4.27	13.9	3.92
	3.0	2.2	17.4	4.72	17.0	4.68	16.0	4.34	15.5	4.17	15.0	4.00	13.9	3.68
	5.0	4.1	18.0	4.78	17.0	4.49	16.0	4.16	15.5	4.00	15.0	3.84	13.9	3.54
	7.0	6.0	18.1	4.63	17.0	4.31	16.0	4.00	15.5	3.85	15.0	3.70	13.9	3.40
	9.0	7.9	18.1	4.45	17.0	4.15	16.0	3.85	15.5	3.71	15.0	3.56	13.9	3.28
	11.0	9.8	18.1	4.29	17.0	4.00	16.0	3.71	15.5	3.57	15.0	3.44	13.9	3.17
	13.0	11.8	18.1	4.13	17.0	3.85	16.0	3.58	15.5	3.45	15.0	3.32	13.9	3.06
	15.0	13.7	18.1	3.99	17.0	3.72	16.0	3.46	15.5	3.33	15.0	3.21	13.9	2.96

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (112.5)	-19.8	-20.0	10.4	3.87	10.3	4.00	10.3	4.14	10.3	4.20	10.3	4.27	10.3	4.40
	-18.8	-19.0	10.7	3.94	10.6	4.07	10.6	4.20	10.6	4.27	10.6	4.33	10.6	4.46
	-16.7	-17.0	11.3	4.08	11.3	4.20	11.2	4.32	11.2	4.38	11.2	4.44	11.2	4.57
	-14.7	-15.0	11.9	4.20	11.9	4.31	11.9	4.43	11.9	4.49	11.8	4.54	11.8	4.66
	-12.6	-13.0	12.6	4.31	12.5	4.42	12.5	4.53	12.5	4.58	12.5	4.63	12.4	4.74
	-10.5	-11.0	13.2	4.40	13.2	4.51	13.1	4.61	13.1	4.66	13.1	4.72	12.5	4.52
	-9.5	-10.0	13.5	4.45	13.5	4.55	13.4	4.65	13.4	4.70	13.4	4.75	12.5	4.39
	-8.5	-9.1	13.8	4.49	13.7	4.59	13.7	4.69	13.7	4.74	13.5	4.67	12.5	4.28
	-7.0	-7.6	14.2	4.55	14.2	4.65	14.2	4.74	13.9	4.66	13.5	4.47	12.5	4.10
	-5.0	-5.6	14.9	4.63	14.8	4.72	14.4	4.60	13.9	4.42	13.5	4.24	12.5	3.90
	-3.0	-3.7	15.5	4.70	15.3	4.73	14.4	4.38	13.9	4.21	13.5	4.04	12.5	3.72
	0.0	-0.7	16.3	4.72	15.3	4.40	14.4	4.08	13.9	3.92	13.5	3.77	12.5	3.47
	3.0	2.2	16.3	4.42	15.3	4.12	14.4	3.82	13.9	3.68	13.5	3.53	12.5	3.26
	5.0	4.1	16.3	4.24	15.3	3.95	14.4	3.67	13.9	3.53	13.5	3.40	12.5	3.13
	7.0	6.0	16.3	4.07	15.3	3.80	14.4	3.53	13.9	3.40	13.5	3.27	12.5	3.02
	9.0	7.9	16.3	3.92	15.3	3.66	14.4	3.40	13.9	3.28	13.5	3.16	12.5	2.91
	11.0	9.8	16.3	3.78	15.3	3.53	14.4	3.29	13.9	3.17	13.5	3.05	12.5	2.82
	13.0	11.8	16.3	3.65	15.3	3.41	14.4	3.17	13.9	3.06	13.5	2.94	12.5	2.72
	15.0	13.7	16.3	3.52	15.3	3.29	14.4	3.07	13.9	2.96	13.5	2.85	12.5	2.64
80% (100)	-19.8	-20.0	10.3	4.13	10.3	4.25	10.3	4.37	10.3	4.43	10.2	4.49	10.2	4.60
	-18.8	-19.0	10.6	4.20	10.6	4.31	10.6	4.43	10.6	4.48	10.6	4.54	10.5	4.66
	-16.7	-17.0	11.2	4.32	11.2	4.42	11.2	4.53	11.2	4.59	11.2	4.64	11.2	4.75
	-14.7	-15.0	11.9	4.42	11.9	4.53	11.8	4.63	11.8	4.68	11.8	4.73	11.2	4.43
	-12.6	-13.0	12.5	4.52	12.5	4.62	12.5	4.71	12.4	4.73	12.0	4.54	11.2	4.16
	-10.5	-11.0	13.1	4.61	13.1	4.70	12.8	4.63	12.4	4.45	12.0	4.27	11.2	3.92
	-9.5	-10.0	13.4	4.65	13.4	4.74	12.8	4.50	12.4	4.32	12.0	4.15	11.2	3.81
	-8.5	-9.1	13.7	4.68	13.6	4.73	12.8	4.38	12.4	4.21	12.0	4.04	11.2	3.72
	-7.0	-7.6	14.2	4.74	13.6	4.53	12.8	4.20	12.4	4.04	12.0	3.88	11.2	3.57
	-5.0	-5.6	14.4	4.62	13.6	4.30	12.8	3.99	12.4	3.84	12.0	3.69	11.2	3.39
	-3.0	-3.7	14.4	4.40	13.6	4.10	12.8	3.80	12.4	3.66	12.0	3.52	11.2	3.24
	0.0	-0.7	14.4	4.09	13.6	3.82	12.8	3.55	12.4	3.41	12.0	3.28	11.2	3.03
	3.0	2.2	14.4	3.84	13.6	3.58	12.8	3.33	12.4	3.21	12.0	3.09	11.2	2.85
	5.0	4.1	14.4	3.68	13.6	3.44	12.8	3.20	12.4	3.09	12.0	2.97	11.2	2.75
	7.0	6.0	14.4	3.55	13.6	3.31	12.8	3.09	12.4	2.97	12.0	2.86	11.2	2.65
	9.0	7.9	14.4	3.42	13.6	3.19	12.8	2.98	12.4	2.87	12.0	2.77	11.2	2.56
	11.0	9.8	14.4	3.30	13.6	3.09	12.8	2.88	12.4	2.78	12.0	2.67	11.2	2.48
	13.0	11.8	14.4	3.18	13.6	2.98	12.8	2.78	12.4	2.68	12.0	2.59	11.2	2.40
	15.0	13.7	14.4	3.08	13.6	2.88	12.8	2.69	12.4	2.60	12.0	2.51	11.2	2.32
70% (87.5)	-19.8	-20.0	10.3	4.39	10.2	4.49	10.2	4.60	10.2	4.65	10.2	4.70	9.76	4.50
	-18.8	-19.0	10.6	4.45	10.6	4.55	10.5	4.65	10.5	4.70	10.5	4.73	9.76	4.33
	-16.7	-17.0	11.2	4.55	11.2	4.65	11.2	4.74	10.8	4.58	10.5	4.40	9.76	4.03
	-14.7	-15.0	11.8	4.65	11.8	4.74	11.2	4.46	10.8	4.28	10.5	4.11	9.76	3.78
	-12.6	-13.0	12.5	4.73	11.9	4.51	11.2	4.18	10.8	4.02	10.5	3.86	9.76	3.55
	-10.5	-11.0	12.6	4.56	11.9	4.24	11.2	3.94	10.8	3.79	10.5	3.64	9.76	3.35
	-9.5	-10.0	12.6	4.43	11.9	4.12	11.2	3.83	10.8	3.68	10.5	3.54	9.76	3.26
	-8.5	-9.1	12.6	4.31	11.9	4.02	11.2	3.73	10.8	3.59	10.5	3.45	9.76	3.18
	-7.0	-7.6	12.6	4.14	11.9	3.86	11.2	3.59	10.8	3.45	10.5	3.32	9.76	3.06
	-5.0	-5.6	12.6	3.93	11.9	3.67	11.2	3.41	10.8	3.28	10.5	3.16	9.76	2.92
	-3.0	-3.7	12.6	3.75	11.9	3.50	11.2	3.26	10.8	3.14	10.5	3.02	9.76	2.79
	0.0	-0.7	12.6	3.49	11.9	3.27	11.2	3.04	10.8	2.93	10.5	2.83	9.76	2.61
	3.0	2.2	12.6	3.28	11.9	3.07	11.2	2.86	10.8	2.76	10.5	2.66	9.76	2.47
	5.0	4.1	12.6	3.16	11.9	2.96	11.2	2.76	10.8	2.66	10.5	2.57	9.76	2.38
	7.0	6.0	12.6	3.04	11.9	2.85	11.2	2.66	10.8	2.57	10.5	2.48	9.76	2.30
	9.0	7.9	12.6	2.94	11.9	2.75	11.2	2.57	10.8	2.48	10.5	2.39	9.76	2.22
	11.0	9.8	12.6	2.84	11.9	2.66	11.2	2.49	10.8	2.40	10.5	2.32	9.76	2.15
	13.0	11.8	12.6	2.74	11.9	2.57	11.2	2.41	10.8	2.32	10.5	2.24	9.76	2.08
	15.0	13.7	12.6	2.66	11.9	2.49	11.2	2.33	10.8	2.25	10.5	2.18	9.76	2.02
60% (75)	-19.8	-20.0	10.2	4.65	10.2	4.74	9.60	4.41	9.29	4.23	8.98	4.06	8.37	3.73
	-18.8	-19.0	10.5	4.70	10.2	4.58	9.60	4.24	9.29	4.08	8.98	3.92	8.37	3.60
	-16.7	-17.0	10.8	4.58	10.2	4.26	9.60	3.95	9.29	3.80	8.98	3.65	8.37	3.36
	-14.7	-15.0	10.8	4.28	10.2	3.99	9.60	3.70	9.29	3.56	8.98	3.43	8.37	3.16
	-12.6	-13.0	10.8	4.02	10.2	3.75	9.60	3.48	9.29	3.35	8.98	3.23	8.37	2.98
	-10.5	-11.0	10.8	3.79	10.2	3.53	9.60	3.29	9.29	3.17	8.98	3.05	8.37	2.82
	-9.5	-10.0	10.8	3.68	10.2	3.44	9.60	3.20	9.29	3.08	8.98	2.97	8.37	2.74
	-8.5	-9.1	10.8	3.59	10.2	3.35	9.60	3.12	9.29	3.01	8.98	2.90	8.37	2.68
	-7.0	-7.6	10.8	3.45	10.2	3.23	9.60	3.01	9.29	2.90	8.98	2.79	8.37	2.58
	-5.0	-5.6	10.8	3.28	10.2	3.07	9.60	2.86	9.29	2.76	8.98	2.66	8.37	2.46
	-3.0	-3.7	10.8	3.14	10.2	2.94	9.60	2.74	9.29	2.64	8.98	2.55	8.37	2.36
	0.0	-0.7	10.8	2.93	10.2	2.75	9.60	2.57	9.29	2.48	8.98	2.39	8.37	2.22
	3.0	2.2	10.8	2.76	10.2	2.59	9.60	2.42	9.29	2.34	8.98	2.26	8.37	2.10
	5.0	4.1	10.8	2.66	10.2	2.50	9.60	2.34	9.29	2.26	8.98	2.18	8.37	2.03
	7.0	6.0	10.8	2.57	10.2	2.41	9.60	2.26	9.29	2.18	8.98	2.11	8.37	1.96
	9.0	7.9	10.8	2.48	10.2	2.33	9.60	2.18	9.29	2.11	8.98	2.04	8.37	1.90
	11.0	9.8	10.8	2.40	10.2	2.26	9.60	2.12	9.29	2.05	8.98	1.98	8.37	1.84
	13.0	11.8	10.8	2.32	10.2	2.18	9.60	2.05	9.29	1.98	8.98	1.92	8.37	1.79
	15.0	13.7	10.8	2.25	10.2	2.12	9.60	1.99	9.29	1.93	8.98	1.86	8.37	1.74
50% (62.5)	-19.8	-20.0	9.03	4.09	8.51	3.81	8.00	3.54	7.74	3.41	7.49	3.28	6.97	3.03
	-18.8	-19.0	9.03	3.94	8.51	3.68	8.00	3.42	7.74	3.29	7.49	3.17	6.97	2.92
	-16.7	-17.0	9.03	3.68	8.51	3.43	8.00	3.20	7.74	3.08	7.49	2.96	6.97	2.74
	-14.7	-15.0	9.03	3.45	8.51	3.22	8.00	3.00	7.74	2.89	7.49	2.79	6.97	2.58
	-12.6	-13.0	9.03	3.24	8.51	3.04	8.00	2.83	7.74	2.73	7.49	2.63	6.97	2.44
	-10.5	-11.0	9.03	3.07	8.51	2.87	8.00	2.68	7.74	2.59	7.49	2.49	6.97	2.31
	-9.5	-10.0	9.03	2.98	8.51	2.80	8.00	2.61	7.74	2.52	7.49	2.43	6.97	2.25
	-8.5	-9.1	9.03	2.91	8.51	2.73	8.00	2.55	7.74	2.46	7.49	2.38	6.97	2.21
	-7.0	-7.6	9.03	2.81	8.51	2.63	8.00	2.46	7.74	2.38	7.49	2.29	6.97	2.13
	-5.0	-5.6	9.03	2.68	8.51	2.51	8.00	2.35	7.74	2.27	7.49	2.19	6.97	2.04
	-3.0	-3.7	9.03	2.56	8.51	2.41	8.00	2.25	7.74	2.18	7.49	2.10	6.97	1.96
	0.0	-0.7	9.03	2.40	8.51	2.26	8.00	2.12	7.74	2.05	7.49	1.98	6.97	1.84
	3.0	2.2	9.03	2.27	8.51	2.14	8.00	2.00	7.74	1.94	7.49	1.87	6.97	1.75
	5.0	4.1	9.03	2.19	8.51	2.06	8.00	1.94	7.74	1.87	7.49	1.81	6.97	1.69
	7.0	6.0	9.03	2.12	8.51	1.99	8.00	1.87	7.74	1.81	7.49	1.76	6.97	1.64
	9.0	7.9	9.03	2.05	8.51	1.93	8.00	1.82	7.74	1.76	7.49	1.70	6.97	1.59
	11.0	9.8	9.03	1.99	8.51	1.87	8.00	1.76	7.74	1.71	7.49	1.65	6.97	1.55
	13.0	11.8	9.03	1.93	8.51	1.82	8.00	1.71	7.74	1.66	7.49	1.60	6.97	1.50
	15.0	13.7	9.03	1.87	8.51	1.77	8.00	1.66	7.74	1.61	7.49	1.56	6.97	1.46

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ8PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	-19.8	-20.0	16.2	3.88	16.2	4.16	16.1	4.44	16.1	4.57	16.1	4.71	16.0	4.99
	-18.8	-19.0	16.7	4.03	16.7	4.30	16.6	4.57	16.6	4.70	16.5	4.84	16.5	5.10
	-16.7	-17.0	17.7	4.31	17.6	4.56	17.6	4.81	17.5	4.94	17.5	5.06	17.4	5.32
	-14.7	-15.0	18.6	4.55	18.6	4.79	18.5	5.03	18.5	5.15	18.5	5.27	18.4	5.51
	-12.6	-13.0	19.6	4.77	19.5	5.00	19.5	5.23	19.4	5.34	19.4	5.45	19.4	5.68
	-10.5	-11.0	20.6	4.97	20.5	5.19	20.4	5.40	20.4	5.51	20.4	5.62	20.3	5.84
	-9.5	-10.0	21.0	5.07	21.0	5.28	20.9	5.49	20.9	5.59	20.9	5.70	20.8	5.91
	-8.5	-9.1	21.5	5.15	21.4	5.35	21.4	5.56	21.3	5.66	21.3	5.76	21.2	5.97
	-7.0	-7.6	22.2	5.27	22.1	5.47	22.1	5.67	22.0	5.77	22.0	5.87	22.0	6.07
	-5.0	-5.6	23.1	5.43	23.1	5.62	23.0	5.81	23.0	5.91	23.0	6.00	22.9	6.19
	-3.0	-3.7	24.1	5.57	24.0	5.75	23.9	5.93	23.9	6.02	23.9	6.12	23.8	6.30
	0.0	-0.7	25.5	5.76	25.4	5.93	25.4	6.11	25.4	6.19	25.3	6.28	25.3	6.45
	3.0	2.2	26.9	5.93	26.8	6.10	26.8	6.26	26.8	6.34	26.7	6.42	26.7	6.59
	5.0	4.1	27.8	6.03	27.8	6.19	27.7	6.35	27.7	6.43	27.6	6.51	27.6	6.67
	7.0	6.0	28.7	6.13	28.7	6.28	28.6	6.44	28.6	6.51	28.6	6.59	28.3	6.68
	9.0	7.9	29.6	6.22	29.6	6.37	29.5	6.52	29.5	6.59	29.5	6.67	28.3	6.42
	11.0	9.8	30.6	6.31	30.5	6.45	30.4	6.59	30.4	6.67	30.4	6.74	28.3	6.19
	13.0	11.8	31.5	6.39	31.5	6.53	31.4	6.67	31.4	6.74	30.4	6.49	28.3	5.96
	15.0	13.7	32.4	6.47	32.4	6.60	32.3	6.74	31.5	6.53	30.4	6.27	28.3	5.75
120% (240)	-19.8	-20.0	16.2	4.26	16.1	4.51	16.0	4.77	16.0	4.89	16.0	5.02	15.9	5.27
	-18.8	-19.0	16.6	4.39	16.6	4.64	16.5	4.89	16.5	5.01	16.5	5.14	16.4	5.38
	-16.7	-17.0	17.6	4.65	17.5	4.88	17.5	5.11	17.5	5.23	17.4	5.35	17.4	5.58
	-14.7	-15.0	18.6	4.88	18.5	5.10	18.4	5.32	18.4	5.43	18.4	5.54	18.3	5.76
	-12.6	-13.0	19.5	5.08	19.5	5.29	19.4	5.50	19.4	5.60	19.4	5.71	19.3	5.92
	-10.5	-11.0	20.5	5.26	20.4	5.46	20.4	5.66	20.3	5.76	20.3	5.86	20.3	6.06
	-9.5	-10.0	21.0	5.35	20.9	5.54	20.9	5.74	20.8	5.84	20.8	5.93	20.7	6.13
	-8.5	-9.1	21.4	5.42	21.3	5.61	21.3	5.81	21.3	5.90	21.2	6.00	21.2	6.19
	-7.0	-7.6	22.1	5.54	22.1	5.73	22.0	5.91	22.0	6.00	22.0	6.09	21.9	6.28
	-5.0	-5.6	23.1	5.69	23.0	5.86	23.0	6.04	22.9	6.13	22.9	6.21	22.9	6.39
	-3.0	-3.7	24.0	5.81	23.9	5.98	23.9	6.15	23.9	6.24	23.8	6.32	23.8	6.49
	0.0	-0.7	25.4	5.99	25.4	6.15	25.3	6.31	25.3	6.39	25.3	6.47	25.2	6.63
	3.0	2.2	26.8	6.15	26.8	6.30	26.7	6.45	26.7	6.53	26.7	6.61	26.1	6.57
	5.0	4.1	27.7	6.25	27.7	6.39	27.6	6.54	27.6	6.61	27.6	6.69	26.1	6.30
	7.0	6.0	28.6	6.34	28.6	6.48	28.5	6.62	28.5	6.69	28.1	6.61	26.1	6.06
	9.0	7.9	29.6	6.42	29.5	6.56	29.5	6.69	29.0	6.62	28.1	6.35	26.1	5.83
	11.0	9.8	30.5	6.50	30.4	6.63	30.0	6.64	29.0	6.38	28.1	6.12	26.1	5.62
	13.0	11.8	31.4	6.58	31.4	6.71	30.0	6.39	29.0	6.14	28.1	5.89	26.1	5.41
	15.0	13.7	32.3	6.65	31.9	6.65	30.0	6.17	29.0	5.93	28.1	5.69	26.1	5.23
110% (220)	-19.8	-20.0	16.1	4.63	16.0	4.86	16.0	5.10	16.0	5.21	15.9	5.33	15.9	5.56
	-18.8	-19.0	16.6	4.76	16.5	4.98	16.5	5.21	16.4	5.32	16.4	5.44	16.4	5.66
	-16.7	-17.0	17.5	4.99	17.5	5.20	17.4	5.42	17.4	5.52	17.4	5.63	17.3	5.84
	-14.7	-15.0	18.5	5.20	18.4	5.40	18.4	5.60	18.4	5.70	18.3	5.80	18.3	6.01
	-12.6	-13.0	19.4	5.39	19.4	5.58	19.3	5.77	19.3	5.87	19.3	5.96	19.2	6.15
	-10.5	-11.0	20.4	5.56	20.4	5.74	20.3	5.92	20.3	6.01	20.3	6.10	20.2	6.29
	-9.5	-10.0	20.9	5.63	20.8	5.81	20.8	5.99	20.8	6.08	20.7	6.17	20.7	6.35
	-8.5	-9.1	21.3	5.70	21.3	5.88	21.2	6.05	21.2	6.14	21.2	6.23	21.1	6.40
	-7.0	-7.6	22.0	5.81	22.0	5.98	21.9	6.15	21.9	6.23	21.9	6.32	21.8	6.49
	-5.0	-5.6	23.0	5.94	22.9	6.11	22.9	6.27	22.9	6.35	22.8	6.43	22.8	6.59
	-3.0	-3.7	23.9	6.06	23.9	6.22	23.8	6.37	23.8	6.45	23.8	6.53	23.7	6.68
	0.0	-0.7	25.3	6.23	25.3	6.37	25.3	6.52	25.2	6.59	25.2	6.67	24.0	6.31
	3.0	2.2	26.7	6.37	26.7	6.51	26.6	6.65	26.6	6.72	25.7	6.44	24.0	5.91
	5.0	4.1	27.7	6.46	27.6	6.60	27.5	6.71	26.6	6.44	25.7	6.18	24.0	5.68
	7.0	6.0	28.6	6.54	28.5	6.67	27.5	6.44	26.6	6.19	25.7	5.94	24.0	5.46
	9.0	7.9	29.5	6.62	29.3	6.69	27.5	6.20	26.6	5.96	25.7	5.72	24.0	5.26
	11.0	9.8	30.4	6.69	29.3	6.44	27.5	5.97	26.6	5.74	25.7	5.51	24.0	5.07
	13.0	11.8	31.0	6.66	29.3	6.20	27.5	5.75	26.6	5.53	25.7	5.31	24.0	4.89
	15.0	13.7	31.0	6.43	29.3	5.98	27.5	5.56	26.6	5.34	25.7	5.14	24.0	4.73
100% (200)	-19.8	-20.0	16.0	5.00	16.0	5.21	15.9	5.43	15.9	5.53	15.9	5.64	15.8	5.85
	-18.8	-19.0	16.5	5.12	16.4	5.32	16.4	5.53	16.4	5.63	16.3	5.74	16.3	5.94
	-16.7	-17.0	17.4	5.33	17.4	5.52	17.4	5.72	17.3	5.82	17.3	5.91	17.3	6.11
	-14.7	-15.0	18.4	5.52	18.4	5.70	18.3	5.89	18.3	5.98	18.3	6.07	18.2	6.26
	-12.6	-13.0	19.4	5.69	19.3	5.87	19.3	6.04	19.3	6.13	19.2	6.21	19.2	6.39
	-10.5	-11.0	20.3	5.85	20.3	6.01	20.2	6.18	20.2	6.26	20.2	6.34	20.1	6.51
	-9.5	-10.0	20.8	5.92	20.8	6.08	20.7	6.24	20.7	6.32	20.7	6.41	20.6	6.57
	-8.5	-9.1	21.2	5.98	21.2	6.14	21.1	6.30	21.1	6.38	21.1	6.46	21.1	6.62
	-7.0	-7.6	22.0	6.08	21.9	6.23	21.9	6.39	21.8	6.46	21.8	6.54	21.8	6.69
	-5.0	-5.6	22.9	6.20	22.9	6.35	22.8	6.50	22.8	6.57	22.8	6.64	21.8	6.35
	-3.0	-3.7	23.8	6.31	23.8	6.45	23.7	6.59	23.7	6.66	23.4	6.60	21.8	6.05
	0.0	-0.7	25.3	6.46	25.2	6.59	25.0	6.65	24.2	6.39	23.4	6.13	21.8	5.63
	3.0	2.2	26.7	6.59	26.6	6.71	25.0	6.22	24.2	5.98	23.4	5.74	21.8	5.28
	5.0	4.1	27.6	6.68	26.6	6.44	25.0	5.97	24.2	5.74	23.4	5.52	21.8	5.07
	7.0	6.0	28.2	6.65	26.6	6.19	25.0	5.74	24.2	5.52	23.4	5.31	21.8	4.88
	9.0	7.9	28.2	6.39	26.6	5.95	25.0	5.53	24.2	5.32	23.4	5.11	21.8	4.71
	11.0	9.8	28.2	6.16	26.6	5.74	25.0	5.33	24.2	5.13	23.4	4.93	21.8	4.55
	13.0	11.8	28.2	5.93	26.6	5.53	25.0	5.14	24.2	4.95	23.4	4.76	21.8	4.39
	15.0	13.7	28.2	5.73	26.6	5.34	25.0	4.97	24.2	4.78	23.4	4.60	21.8	4.25

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (180)	-19.8	-20.0	15.9	5.37	15.9	5.57	15.8	5.76	15.8	5.85	15.8	5.95	15.8	6.14
	-18.8	-19.0	16.4	5.48	16.4	5.66	16.3	5.85	16.3	5.94	16.3	6.03	16.2	6.22
	-16.7	-17.0	17.4	5.67	17.3	5.85	17.3	6.02	17.3	6.11	17.2	6.20	17.2	6.37
	-14.7	-15.0	18.3	5.84	18.3	6.01	18.2	6.17	18.2	6.26	18.2	6.34	18.2	6.50
	-12.6	-13.0	19.3	6.00	19.2	6.15	19.2	6.31	19.2	6.39	19.2	6.47	19.1	6.63
	-10.5	-11.0	20.2	6.14	20.2	6.29	20.2	6.44	20.1	6.51	20.1	6.59	19.6	6.48
	-9.5	-10.0	20.7	6.20	20.7	6.35	20.6	6.50	20.6	6.57	20.6	6.64	19.6	6.30
	-8.5	-9.1	21.2	6.26	21.1	6.40	21.1	6.55	21.1	6.62	21.0	6.69	19.6	6.14
	-7.0	-7.6	21.9	6.35	21.8	6.49	21.8	6.63	21.8	6.69	21.1	6.42	19.6	5.89
	-5.0	-5.6	22.8	6.46	22.8	6.59	22.5	6.60	21.8	6.34	21.1	6.09	19.6	5.59
	-3.0	-3.7	23.8	6.56	23.7	6.68	22.5	6.29	21.8	6.04	21.1	5.80	19.6	5.33
	0.0	-0.7	25.2	6.70	23.9	6.31	22.5	5.85	21.8	5.63	21.1	5.41	19.6	4.97
	3.0	2.2	25.4	6.34	23.9	5.91	22.5	5.48	21.8	5.28	21.1	5.07	19.6	4.67
	5.0	4.1	25.4	6.08	23.9	5.67	22.5	5.27	21.8	5.07	21.1	4.88	19.6	4.49
	7.0	6.0	25.4	5.85	23.9	5.45	22.5	5.07	21.8	4.88	21.1	4.69	19.6	4.33
	9.0	7.9	25.4	5.63	23.9	5.25	22.5	4.89	21.8	4.71	21.1	4.53	19.6	4.18
	11.0	9.8	25.4	5.43	23.9	5.07	22.5	4.72	21.8	4.54	21.1	4.37	19.6	4.04
	13.0	11.8	25.4	5.23	23.9	4.89	22.5	4.55	21.8	4.39	21.1	4.22	19.6	3.90
	15.0	13.7	25.4	5.06	23.9	4.73	22.5	4.40	21.8	4.25	21.1	4.09	19.6	3.78
80% (160)	-19.8	-20.0	15.8	5.75	15.8	5.92	15.8	6.09	15.8	6.17	15.7	6.26	15.7	6.43
	-18.8	-19.0	16.3	5.84	16.3	6.01	16.3	6.17	16.2	6.25	16.2	6.33	16.2	6.50
	-16.7	-17.0	17.3	6.01	17.2	6.17	17.2	6.32	17.2	6.40	17.2	6.48	17.1	6.63
	-14.7	-15.0	18.2	6.17	18.2	6.31	18.2	6.46	18.2	6.53	18.1	6.61	17.4	6.36
	-12.6	-13.0	19.2	6.30	19.2	6.44	19.1	6.58	19.1	6.65	18.7	6.51	17.4	5.97
	-10.5	-11.0	20.2	6.43	20.1	6.56	20.0	6.64	19.4	6.38	18.7	6.13	17.4	5.62
	-9.5	-10.0	20.6	6.49	20.6	6.62	20.0	6.45	19.4	6.20	18.7	5.95	17.4	5.47
	-8.5	-9.1	21.1	6.54	21.0	6.67	20.0	6.29	19.4	6.04	18.7	5.80	17.4	5.33
	-7.0	-7.6	21.8	6.62	21.3	6.51	20.0	6.03	19.4	5.80	18.7	5.57	17.4	5.12
	-5.0	-5.6	22.6	6.63	21.3	6.17	20.0	5.72	19.4	5.50	18.7	5.29	17.4	4.87
	-3.0	-3.7	22.6	6.31	21.3	5.88	20.0	5.46	19.4	5.25	18.7	5.05	17.4	4.65
	0.0	-0.7	22.6	5.87	21.3	5.48	20.0	5.09	19.4	4.90	18.7	4.71	17.4	4.35
	3.0	2.2	22.6	5.50	21.3	5.14	20.0	4.78	19.4	4.60	18.7	4.43	17.4	4.09
	5.0	4.1	22.6	5.29	21.3	4.94	20.0	4.60	19.4	4.43	18.7	4.26	17.4	3.94
	7.0	6.0	22.6	5.09	21.3	4.75	20.0	4.43	19.4	4.27	18.7	4.11	17.4	3.80
	9.0	7.9	22.6	4.90	21.3	4.58	20.0	4.27	19.4	4.12	18.7	3.97	17.4	3.67
	11.0	9.8	22.6	4.73	21.3	4.43	20.0	4.13	19.4	3.98	18.7	3.84	17.4	3.55
	13.0	11.8	22.6	4.57	21.3	4.27	20.0	3.99	19.4	3.85	18.7	3.71	17.4	3.44
	15.0	13.7	22.6	4.42	21.3	4.14	20.0	3.86	19.4	3.73	18.7	3.60	17.4	3.33
70% (140)	-19.8	-20.0	15.8	6.12	15.7	6.27	15.7	6.42	15.7	6.49	15.7	6.57	15.3	6.45
	-18.8	-19.0	16.2	6.20	16.2	6.35	16.2	6.49	16.2	6.56	16.2	6.63	15.3	6.21
	-16.7	-17.0	17.2	6.35	17.2	6.49	17.1	6.62	16.9	6.57	16.4	6.31	15.3	5.79
	-14.7	-15.0	18.2	6.49	18.1	6.62	17.5	6.39	16.9	6.14	16.4	5.90	15.3	5.42
	-12.6	-13.0	19.1	6.61	18.6	6.47	17.5	6.00	16.9	5.77	16.4	5.54	15.3	5.09
	-10.5	-11.0	19.7	6.54	18.6	6.09	17.5	5.65	16.9	5.44	16.4	5.22	15.3	4.81
	-9.5	-10.0	19.7	6.35	18.6	5.92	17.5	5.49	16.9	5.28	16.4	5.08	15.3	4.68
	-8.5	-9.1	19.7	6.19	18.6	5.77	17.5	5.36	16.9	5.16	16.4	4.96	15.3	4.57
	-7.0	-7.6	19.7	5.94	18.6	5.54	17.5	5.15	16.9	4.95	16.4	4.77	15.3	4.39
	-5.0	-5.6	19.7	5.64	18.6	5.26	17.5	4.89	16.9	4.71	16.4	4.53	15.3	4.18
	-3.0	-3.7	19.7	5.38	18.6	5.02	17.5	4.67	16.9	4.50	16.4	4.33	15.3	4.00
	0.0	-0.7	19.7	5.02	18.6	4.69	17.5	4.37	16.9	4.21	16.4	4.06	15.3	3.75
	3.0	2.2	19.7	4.71	18.6	4.41	17.5	4.11	16.9	3.96	16.4	3.82	15.3	3.54
	5.0	4.1	19.7	4.53	18.6	4.24	17.5	3.96	16.9	3.82	16.4	3.68	15.3	3.41
	7.0	6.0	19.7	4.37	18.6	4.09	17.5	3.82	16.9	3.69	16.4	3.55	15.3	3.30
	9.0	7.9	19.7	4.21	18.6	3.95	17.5	3.69	16.9	3.56	16.4	3.44	15.3	3.19
	11.0	9.8	19.7	4.07	18.6	3.82	17.5	3.57	16.9	3.45	16.4	3.33	15.3	3.09
	13.0	11.8	19.7	3.93	18.6	3.69	17.5	3.45	16.9	3.33	16.4	3.22	15.3	2.99
	15.0	13.7	19.7	3.81	18.6	3.58	17.5	3.35	16.9	3.24	16.4	3.12	15.3	2.90
60% (120)	-19.8	-20.0	15.7	6.49	15.7	6.62	15.0	6.32	14.5	6.08	14.0	5.83	13.1	5.36
	-18.8	-19.0	16.2	6.56	16.0	6.57	15.0	6.09	14.5	5.85	14.0	5.62	13.1	5.17
	-16.7	-17.0	16.9	6.57	16.0	6.12	15.0	5.67	14.5	5.46	14.0	5.24	13.1	4.83
	-14.7	-15.0	16.9	6.14	16.0	5.72	15.0	5.31	14.5	5.11	14.0	4.92	13.1	4.53
	-12.6	-13.0	16.9	5.76	16.0	5.38	15.0	5.00	14.5	4.81	14.0	4.63	13.1	4.27
	-10.5	-11.0	16.9	5.43	16.0	5.07	15.0	4.72	14.5	4.55	14.0	4.37	13.1	4.04
	-9.5	-10.0	16.9	5.28	16.0	4.93	15.0	4.59	14.5	4.42	14.0	4.26	13.1	3.94
	-8.5	-9.1	16.9	5.15	16.0	4.81	15.0	4.48	14.5	4.32	14.0	4.16	13.1	3.85
	-7.0	-7.6	16.9	4.95	16.0	4.63	15.0	4.31	14.5	4.16	14.0	4.01	13.1	3.71
	-5.0	-5.6	16.9	4.71	16.0	4.40	15.0	4.11	14.5	3.96	14.0	3.82	13.1	3.54
	-3.0	-3.7	16.9	4.50	16.0	4.21	15.0	3.93	14.5	3.79	14.0	3.66	13.1	3.39
	0.0	-0.7	16.9	4.21	16.0	3.94	15.0	3.68	14.5	3.56	14.0	3.43	13.1	3.18
	3.0	2.2	16.9	3.96	16.0	3.72	15.0	3.48	14.5	3.36	14.0	3.24	13.1	3.01
	5.0	4.1	16.9	3.82	16.0	3.58	15.0	3.35	14.5	3.24	14.0	3.13	13.1	2.91
	7.0	6.0	16.9	3.68	16.0	3.46	15.0	3.24	14.5	3.13	14.0	3.02	13.1	2.81
	9.0	7.9	16.9	3.56	16.0	3.34	15.0	3.13	14.5	3.03	14.0	2.93	13.1	2.72
	11.0	9.8	16.9	3.44	16.0	3.24	15.0	3.04	14.5	2.94	14.0	2.84	13.1	2.64
	13.0	11.8	16.9	3.33	16.0	3.13	15.0	2.94	14.5	2.84	14.0	2.75	13.1	2.56
	15.0	13.7	16.9	3.23	16.0	3.04	15.0	2.86	14.5	2.76	14.0	2.67	13.1	2.49
50% (100)	-19.8	-20.0	14.1	5.87	13.3	5.47	12.5	5.08	12.1	4.90	11.7	4.71	10.9	4.34
	-18.8	-19.0	14.1	5.66	13.3	5.28	12.5	4.91	12.1	4.72	11.7	4.55	10.9	4.20
	-16.7	-17.0	14.1	5.28	13.3	4.93	12.5	4.59	12.1	4.42	11.7	4.25	10.9	3.93
	-14.7	-15.0	14.1	4.95	13.3	4.62	12.5	4.31	12.1	4.15	11.7	4.00	10.9	3.70
	-12.6	-13.0	14.1	4.66	13.3	4.36	12.5	4.06	12.1	3.92	11.7	3.78	10.9	3.50
	-10.5	-11.0	14.1	4.40	13.3	4.12	12.5	3.85	12.1	3.71	11.7	3.58	10.9	3.32
	-9.5	-10.0	14.1	4.28	13.3	4.01	12.5	3.75	12.1	3.62	11.7	3.49	10.9	3.24
	-8.5	-9.1	14.1	4.18	13.3	3.92	12.5	3.66	12.1	3.54	11.7	3.41	10.9	3.17
	-7.0	-7.6	14.1	4.03	13.3	3.78	12.5	3.53	12.1	3.41	11.7	3.29	10.9	3.06
	-5.0	-5.6	14.1	3.84	13.3	3.60	12.5	3.37	12.1	3.26	11.7	3.14	10.9	2.92
	-3.0	-3.7	14.1	3.68	13.3	3.45	12.5	3.23	12.1	3.12	11.7	3.02	10.9	2.81
	0.0	-0.7	14.1	3.45	13.3	3.24	12.5	3.04	12.1	2.94	11.7	2.84	10.9	2.65
	3.0	2.2	14.1	3.26	13.3	3.06	12.5	2.88	12.1	2.78	11.7	2.69	10.9	2.51
	5.0	4.1	14.1	3.14	13.3	2.96	12.5	2.78	12.1	2.69	11.7	2.60	10.9	2.43
	7.0	6.0	14.1	3.04	13.3	2.86	12.5	2.69	12.1	2.60	11.7	2.52	10.9	2.35
	9.0	7.9	14.1	2.94	13.3	2.77	12.5	2.61	12.1	2.52	11.7	2.44	10.9	2.28
	11.0	9.8	14.1	2.85	13.3	2.69	12.5	2.53	12.1	2.45	11.7	2.37	10.9	2.22
	13.0	11.8	14.1	2.76	13.3	2.61	12.5	2.45	12.1	2.38	11.7	2.30	10.9	2.15
	15.0	13.7	14.1	2.69	13.3	2.54	12.5	2.39	12.1	2.31	11.7	2.24	10.9	2.10

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ10PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	-19.8	-20.0	20.4	5.44	20.3	5.82	20.2	6.21	20.2	6.40	20.1	6.59	20.1	6.98
	-18.8	-19.0	20.7	5.56	20.6	5.94	20.6	6.32	20.5	6.51	20.5	6.69	20.4	7.07
	-16.7	-17.0	21.5	5.82	21.4	6.18	21.3	6.55	21.3	6.73	21.3	6.91	21.2	7.27
	-14.7	-15.0	22.4	6.09	22.3	6.44	22.2	6.79	22.2	6.96	22.1	7.14	22.1	7.49
	-12.6	-13.0	23.3	6.36	23.3	6.70	23.2	7.03	23.1	7.20	23.1	7.37	23.0	7.70
	-10.5	-11.0	24.4	6.64	24.3	6.96	24.2	7.28	24.2	7.44	24.2	7.60	24.1	7.92
	-9.5	-10.0	25.0	6.78	24.9	7.09	24.8	7.40	24.8	7.56	24.7	7.71	24.7	8.02
	-8.5	-9.1	25.5	6.90	25.4	7.20	25.4	7.51	25.3	7.66	25.3	7.81	25.2	8.12
	-7.0	-7.6	26.4	7.10	26.4	7.40	26.3	7.69	26.3	7.84	26.2	7.98	26.1	8.28
	-5.0	-5.6	27.8	7.37	27.7	7.65	27.6	7.93	27.6	8.07	27.5	8.20	27.5	8.48
	-3.0	-3.7	29.1	7.61	29.0	7.88	29.0	8.14	28.9	8.28	28.9	8.41	28.8	8.67
	0.0	-0.7	31.4	7.98	31.4	8.23	31.3	8.47	31.3	8.59	31.2	8.72	31.2	8.96
	3.0	2.2	33.9	8.31	33.8	8.54	33.7	8.77	33.7	8.88	33.7	9.00	33.6	9.22
	5.0	4.1	35.6	8.52	35.5	8.74	35.5	8.95	35.4	9.06	35.4	9.17	35.3	9.38
	7.0	6.0	37.4	8.72	37.3	8.92	37.3	9.13	37.2	9.23	37.2	9.33	35.7	8.96
	9.0	7.9	39.3	8.90	39.2	9.10	39.2	9.29	39.1	9.39	38.3	9.19	35.7	8.42
	11.0	9.8	41.3	9.08	41.2	9.26	41.0	9.38	39.6	9.01	38.3	8.64	35.7	7.93
	13.0	11.8	43.5	9.25	43.4	9.43	41.0	8.79	39.6	8.44	38.3	8.11	35.7	7.44
	15.0	13.7	45.6	9.41	43.6	8.93	41.0	8.28	39.6	7.96	38.3	7.64	35.7	7.02
120% (300)	-19.8	-20.0	20.3	5.96	20.2	6.31	20.1	6.67	20.1	6.84	20.1	7.02	20.0	7.38
	-18.8	-19.0	20.6	6.07	20.5	6.42	20.5	6.77	20.4	6.94	20.4	7.12	20.3	7.47
	-16.7	-17.0	21.4	6.31	21.3	6.65	21.2	6.98	21.2	7.15	21.2	7.32	21.1	7.65
	-14.7	-15.0	22.3	6.56	22.2	6.88	22.1	7.20	22.1	7.37	22.1	7.53	22.0	7.85
	-12.6	-13.0	23.2	6.81	23.2	7.12	23.1	7.43	23.1	7.59	23.0	7.74	23.0	8.05
	-10.5	-11.0	24.3	7.07	24.2	7.36	24.2	7.66	24.1	7.81	24.1	7.95	24.0	8.25
	-9.5	-10.0	24.9	7.20	24.8	7.49	24.7	7.77	24.7	7.92	24.7	8.06	24.6	8.35
	-8.5	-9.1	25.4	7.31	25.3	7.59	25.3	7.87	25.2	8.01	25.2	8.16	25.1	8.44
	-7.0	-7.6	26.3	7.50	26.3	7.77	26.2	8.04	26.2	8.18	26.1	8.31	26.1	8.58
	-5.0	-5.6	27.7	7.74	27.6	8.00	27.5	8.26	27.5	8.39	27.5	8.52	27.4	8.77
	-3.0	-3.7	29.0	7.97	29.0	8.22	28.9	8.46	28.9	8.58	28.8	8.71	28.8	8.95
	0.0	-0.7	31.3	8.31	31.3	8.54	31.2	8.76	31.2	8.88	31.1	8.99	31.1	9.22
	3.0	2.2	33.8	8.62	33.7	8.83	33.7	9.04	33.6	9.15	33.6	9.25	32.9	9.20
	5.0	4.1	35.5	8.81	35.4	9.01	35.4	9.21	35.3	9.31	35.3	9.41	32.9	8.64
	7.0	6.0	37.3	8.99	37.3	9.18	37.2	9.37	36.6	9.24	35.4	8.86	32.9	8.13
	9.0	7.9	39.2	9.17	39.1	9.35	37.8	9.04	36.6	8.68	35.4	8.33	32.9	7.65
	11.0	9.8	41.2	9.33	40.2	9.17	37.8	8.50	36.6	8.17	35.4	7.84	32.9	7.21
	13.0	11.8	42.7	9.24	40.2	8.60	37.8	7.97	36.6	7.67	35.4	7.37	32.9	6.78
	15.0	13.7	42.7	8.70	40.2	8.10	37.8	7.52	36.6	7.23	35.4	6.95	32.9	6.40
110% (275)	-19.8	-20.0	20.2	6.48	20.1	6.80	20.0	7.13	20.0	7.29	20.0	7.45	19.9	7.78
	-18.8	-19.0	20.5	6.58	20.4	6.90	20.4	7.22	20.4	7.38	20.3	7.54	20.3	7.86
	-16.7	-17.0	21.3	6.80	21.2	7.11	21.2	7.42	21.1	7.57	21.1	7.73	21.0	8.03
	-14.7	-15.0	22.2	7.03	22.1	7.33	22.0	7.62	22.0	7.77	22.0	7.92	21.9	8.21
	-12.6	-13.0	23.1	7.27	23.1	7.55	23.0	7.83	23.0	7.97	22.9	8.11	22.9	8.40
	-10.5	-11.0	24.2	7.50	24.1	7.77	24.1	8.04	24.0	8.18	24.0	8.31	24.0	8.58
	-9.5	-10.0	24.8	7.62	24.7	7.88	24.6	8.15	24.6	8.28	24.6	8.41	24.5	8.67
	-8.5	-9.1	25.3	7.72	25.2	7.98	25.2	8.24	25.1	8.37	25.1	8.50	25.1	8.75
	-7.0	-7.6	26.2	7.90	26.2	8.14	26.1	8.39	26.1	8.52	26.1	8.64	26.0	8.89
	-5.0	-5.6	27.6	8.12	27.5	8.36	27.4	8.59	27.4	8.71	27.4	8.83	27.3	9.07
	-3.0	-3.7	28.9	8.33	28.9	8.55	28.8	8.78	28.8	8.89	28.7	9.00	28.7	9.23
	0.0	-0.7	31.2	8.64	31.2	8.85	31.1	9.06	31.1	9.16	31.1	9.27	30.2	9.09
	3.0	2.2	33.7	8.93	33.6	9.12	33.6	9.31	33.5	9.40	32.4	9.02	30.2	8.27
	5.0	4.1	35.4	9.10	35.4	9.29	34.7	9.20	33.5	8.83	32.4	8.48	30.2	7.78
	7.0	6.0	37.2	9.27	36.9	9.33	34.7	8.64	33.5	8.30	32.4	7.97	30.2	7.32
	9.0	7.9	39.1	9.42	36.9	8.77	34.7	8.13	33.5	7.81	32.4	7.50	30.2	6.90
	11.0	9.8	39.1	8.86	36.9	8.25	34.7	7.65	33.5	7.36	32.4	7.07	30.2	6.51
	13.0	11.8	39.1	8.31	36.9	7.74	34.7	7.19	33.5	6.92	32.4	6.65	30.2	6.13
	15.0	13.7	39.1	7.83	36.9	7.30	34.7	6.79	33.5	6.53	32.4	6.29	30.2	5.80
100% (250)	-19.8	-20.0	20.1	7.00	20.0	7.29	20.0	7.59	19.9	7.74	19.9	7.88	19.8	8.18
	-18.8	-19.0	20.4	7.09	20.4	7.38	20.3	7.67	20.3	7.82	20.2	7.97	20.2	8.26
	-16.7	-17.0	21.2	7.29	21.1	7.57	21.1	7.85	21.0	7.99	21.0	8.13	21.0	8.41
	-14.7	-15.0	22.1	7.50	22.0	7.77	21.9	8.04	21.9	8.18	21.9	8.31	21.8	8.58
	-12.6	-13.0	23.0	7.72	23.0	7.97	22.9	8.23	22.9	8.36	22.9	8.49	22.8	8.75
	-10.5	-11.0	24.1	7.93	24.0	8.18	24.0	8.42	24.0	8.55	23.9	8.67	23.9	8.91
	-9.5	-10.0	24.7	8.04	24.6	8.28	24.6	8.52	24.5	8.64	24.5	8.76	24.4	9.00
	-8.5	-9.1	25.2	8.13	25.1	8.37	25.1	8.60	25.1	8.72	25.0	8.84	25.0	9.07
	-7.0	-7.6	26.1	8.29	26.1	8.52	26.0	8.74	26.0	8.86	26.0	8.97	25.9	9.20
	-5.0	-5.6	27.5	8.50	27.4	8.71	27.4	8.93	27.3	9.03	27.3	9.14	27.2	9.36
	-3.0	-3.7	28.8	8.69	28.8	8.89	28.7	9.10	28.7	9.20	28.7	9.30	27.5	8.91
	0.0	-0.7	31.1	8.97	31.1	9.16	31.0	9.35	30.5	9.20	29.5	8.82	27.5	8.09
	3.0	2.2	33.6	9.23	33.5	9.40	31.5	8.70	30.5	8.36	29.5	8.03	27.5	7.37
	5.0	4.1	35.3	9.40	33.5	8.83	31.5	8.18	30.5	7.87	29.5	7.56	27.5	6.95
	7.0	6.0	35.5	8.92	33.5	8.30	31.5	7.70	30.5	7.41	29.5	7.12	27.5	6.55
	9.0	7.9	35.5	8.38	33.5	7.81	31.5	7.25	30.5	6.98	29.5	6.71	27.5	6.18
	11.0	9.8	35.5	7.89	33.5	7.36	31.5	6.84	30.5	6.58	29.5	6.33	27.5	5.84
	13.0	11.8	35.5	7.41	33.5	6.92	31.5	6.44	30.5	6.20	29.5	5.97	27.5	5.51
	15.0	13.7	35.5	6.99	33.5	6.53	31.5	6.08	30.5	5.86	29.5	5.64	27.5	5.22

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (225)	-19.8	-20.0	20.0	7.52	19.9	7.78	19.9	8.05	19.8	8.18	19.8	8.32	19.8	8.58
	-18.8	-19.0	20.3	7.60	20.3	7.87	20.2	8.13	20.2	8.26	20.2	8.39	20.1	8.65
	-16.7	-17.0	21.1	7.79	21.0	8.04	21.0	8.29	21.0	8.42	20.9	8.54	20.9	8.79
	-14.7	-15.0	22.0	7.98	21.9	8.22	21.9	8.46	21.8	8.58	21.8	8.70	21.8	8.94
	-12.6	-13.0	22.9	8.17	22.9	8.40	22.8	8.63	22.8	8.75	22.8	8.86	22.7	9.09
	-10.5	-11.0	24.0	8.36	24.0	8.58	23.9	8.80	23.9	8.91	23.9	9.03	23.8	9.25
	-9.5	-10.0	24.6	8.46	24.5	8.68	24.5	8.89	24.4	9.00	24.4	9.11	24.4	9.32
	-8.5	-9.1	25.1	8.55	25.1	8.76	25.0	8.97	25.0	9.07	25.0	9.18	24.7	9.27
	-7.0	-7.6	26.0	8.69	26.0	8.89	25.9	9.10	25.9	9.20	25.9	9.30	24.7	8.85
	-5.0	-5.6	27.4	8.88	27.3	9.07	27.3	9.26	27.2	9.36	26.5	9.07	24.7	8.32
	-3.0	-3.7	28.7	9.05	28.7	9.23	28.4	9.27	27.4	8.90	26.5	8.54	24.7	7.84
	0.0	-0.7	31.1	9.31	30.2	9.08	28.4	8.41	27.4	8.08	26.5	7.76	24.7	7.13
	3.0	2.2	32.0	8.87	30.2	8.26	28.4	7.66	27.4	7.37	26.5	7.08	24.7	6.52
	5.0	4.1	32.0	8.34	30.2	7.77	28.4	7.22	27.4	6.94	26.5	6.68	24.7	6.15
	7.0	6.0	32.0	7.84	30.2	7.32	28.4	6.80	27.4	6.55	26.5	6.30	24.7	5.81
	9.0	7.9	32.0	7.39	30.2	6.89	28.4	6.41	27.4	6.18	26.5	5.95	24.7	5.49
	11.0	9.8	32.0	6.96	30.2	6.50	28.4	6.06	27.4	5.84	26.5	5.62	24.7	5.20
	13.0	11.8	32.0	6.55	30.2	6.13	28.4	5.71	27.4	5.51	26.5	5.31	24.7	4.91
	15.0	13.7	32.0	6.19	30.2	5.79	28.4	5.41	27.4	5.22	26.5	5.03	24.7	4.66
80% (200)	-19.8	-20.0	19.9	8.04	19.8	8.27	19.8	8.51	19.8	8.63	19.7	8.75	19.7	8.98
	-18.8	-19.0	20.2	8.11	20.2	8.35	20.1	8.58	20.1	8.70	20.1	8.81	20.0	9.05
	-16.7	-17.0	21.0	8.28	20.9	8.50	20.9	8.73	20.9	8.84	20.9	8.95	20.8	9.17
	-14.7	-15.0	21.9	8.45	21.8	8.66	21.8	8.88	21.8	8.98	21.7	9.09	21.7	9.31
	-12.6	-13.0	22.8	8.62	22.8	8.83	22.7	9.03	22.7	9.13	22.7	9.24	22.0	8.99
	-10.5	-11.0	23.9	8.79	23.9	8.99	23.8	9.19	23.8	9.28	23.6	9.26	22.0	8.49
	-9.5	-10.0	24.5	8.88	24.4	9.07	24.4	9.26	24.4	9.36	23.6	8.99	22.0	8.24
	-8.5	-9.1	25.0	8.96	25.0	9.15	24.9	9.33	24.4	9.12	23.6	8.75	22.0	8.02
	-7.0	-7.6	25.9	9.09	25.9	9.27	25.2	9.07	24.4	8.71	23.6	8.36	22.0	7.67
	-5.0	-5.6	27.3	9.25	26.8	9.20	25.2	8.52	24.4	8.19	23.6	7.86	22.0	7.22
	-3.0	-3.7	28.4	9.30	26.8	8.66	25.2	8.02	24.4	7.72	23.6	7.41	22.0	6.82
	0.0	-0.7	28.4	8.44	26.8	7.86	25.2	7.30	24.4	7.03	23.6	6.75	22.0	6.22
	3.0	2.2	28.4	7.69	26.8	7.17	25.2	6.67	24.4	6.42	23.6	6.18	22.0	5.70
	5.0	4.1	28.4	7.24	26.8	6.76	25.2	6.29	24.4	6.06	23.6	5.84	22.0	5.39
	7.0	6.0	28.4	6.82	26.8	6.38	25.2	5.94	24.4	5.73	23.6	5.52	22.0	5.10
	9.0	7.9	28.4	6.44	26.8	6.02	25.2	5.61	24.4	5.41	23.6	5.22	22.0	4.83
	11.0	9.8	28.4	6.08	26.8	5.69	25.2	5.31	24.4	5.12	23.6	4.94	22.0	4.58
	13.0	11.8	28.4	5.73	26.8	5.37	25.2	5.02	24.4	4.84	23.6	4.67	22.0	4.33
	15.0	13.7	28.4	5.42	26.8	5.09	25.2	4.76	24.4	4.59	23.6	4.43	22.0	4.12
70% (175)	-19.8	-20.0	19.8	8.56	19.7	8.76	19.7	8.97	19.7	9.07	19.7	9.18	19.2	9.08
	-18.8	-19.0	20.1	8.63	20.1	8.83	20.0	9.03	20.0	9.13	20.0	9.24	19.2	8.89
	-16.7	-17.0	20.9	8.77	20.9	8.97	20.8	9.16	20.8	9.26	20.6	9.25	19.2	8.48
	-14.7	-15.0	21.8	8.92	21.7	9.11	21.7	9.30	21.3	9.16	20.6	8.79	19.2	8.06
	-12.6	-13.0	22.7	9.07	22.7	9.25	22.1	9.03	21.3	8.68	20.6	8.33	19.2	7.64
	-10.5	-11.0	23.8	9.22	23.5	9.21	22.1	8.53	21.3	8.20	20.6	7.87	19.2	7.23
	-9.5	-10.0	24.4	9.30	23.5	8.94	22.1	8.28	21.3	7.96	20.6	7.65	19.2	7.03
	-8.5	-9.1	24.9	9.35	23.5	8.70	22.1	8.06	21.3	7.75	20.6	7.45	19.2	6.85
	-7.0	-7.6	24.9	8.93	23.5	8.31	22.1	7.71	21.3	7.42	20.6	7.13	19.2	6.56
	-5.0	-5.6	24.9	8.39	23.5	7.82	22.1	7.26	21.3	6.98	20.6	6.71	19.2	6.19
	-3.0	-3.7	24.9	7.90	23.5	7.37	22.1	6.85	21.3	6.59	20.6	6.34	19.2	5.85
	0.0	-0.7	24.9	7.19	23.5	6.72	22.1	6.25	21.3	6.02	20.6	5.80	19.2	5.36
	3.0	2.2	24.9	6.57	23.5	6.15	22.1	5.73	21.3	5.52	20.6	5.32	19.2	4.92
	5.0	4.1	24.9	6.20	23.5	5.80	22.1	5.42	21.3	5.22	20.6	5.03	19.2	4.66
	7.0	6.0	24.9	5.86	23.5	5.49	22.1	5.12	21.3	4.94	20.6	4.77	19.2	4.42
	9.0	7.9	24.9	5.54	23.5	5.19	22.1	4.85	21.3	4.68	20.6	4.52	19.2	4.19
	11.0	9.8	24.9	5.24	23.5	4.91	22.1	4.60	21.3	4.44	20.6	4.29	19.2	3.98
	13.0	11.8	24.9	4.95	23.5	4.65	22.1	4.35	21.3	4.21	20.6	4.06	19.2	3.78
	15.0	13.7	24.9	4.69	23.5	4.41	22.1	4.13	21.3	4.00	20.6	3.86	19.2	3.60
60% (150)	-19.8	-20.0	19.7	9.08	19.6	9.25	18.9	8.90	18.3	8.55	17.7	8.21	16.5	7.53
	-18.8	-19.0	20.0	9.14	20.0	9.31	18.9	8.71	18.3	8.37	17.7	8.03	16.5	7.37
	-16.7	-17.0	20.8	9.26	20.1	8.97	18.9	8.31	18.3	7.99	17.7	7.67	16.5	7.05
	-14.7	-15.0	21.3	9.16	20.1	8.52	18.9	7.90	18.3	7.60	17.7	7.30	16.5	6.71
	-12.6	-13.0	21.3	8.67	20.1	8.07	18.9	7.49	18.3	7.21	17.7	6.93	16.5	6.38
	-10.5	-11.0	21.3	8.19	20.1	7.63	18.9	7.09	18.3	6.82	17.7	6.56	16.5	6.05
	-9.5	-10.0	21.3	7.96	20.1	7.42	18.9	6.89	18.3	6.64	17.7	6.38	16.5	5.88
	-8.5	-9.1	21.3	7.75	20.1	7.23	18.9	6.72	18.3	6.47	17.7	6.22	16.5	5.74
	-7.0	-7.6	21.3	7.41	20.1	6.92	18.9	6.43	18.3	6.20	17.7	5.96	16.5	5.51
	-5.0	-5.6	21.3	6.98	20.1	6.52	18.9	6.07	18.3	5.85	17.7	5.63	16.5	5.21
	-3.0	-3.7	21.3	6.59	20.1	6.16	18.9	5.74	18.3	5.54	17.7	5.33	16.5	4.93
	0.0	-0.7	21.3	6.02	20.1	5.64	18.9	5.26	18.3	5.08	17.7	4.89	16.5	4.53
	3.0	2.2	21.3	5.52	20.1	5.18	18.9	4.84	18.3	4.67	17.7	4.51	16.5	4.18
	5.0	4.1	21.3	5.22	20.1	4.90	18.9	4.58	18.3	4.43	17.7	4.27	16.5	3.97
	7.0	6.0	21.3	4.94	20.1	4.64	18.9	4.34	18.3	4.20	17.7	4.06	16.5	3.77
	9.0	7.9	21.3	4.68	20.1	4.40	18.9	4.12	18.3	3.99	17.7	3.85	16.5	3.59
	11.0	9.8	21.3	4.44	20.1	4.18	18.9	3.92	18.3	3.79	17.7	3.66	16.5	3.42
	13.0	11.8	21.3	4.20	20.1	3.96	18.9	3.72	18.3	3.60	17.7	3.48	16.5	3.25
	15.0	13.7	21.3	4.00	20.1	3.76	18.9	3.54	18.3	3.43	17.7	3.32	16.5	3.10
50% (125)	-19.8	-20.0	17.8	8.26	16.8	7.69	15.8	7.14	15.2	6.88	14.7	6.61	13.7	6.09
	-18.8	-19.0	17.8	8.08	16.8	7.53	15.8	7.00	15.2	6.73	14.7	6.47	13.7	5.97
	-16.7	-17.0	17.8	7.71	16.8	7.19	15.8	6.69	15.2	6.44	14.7	6.20	13.7	5.72
	-14.7	-15.0	17.8	7.34	16.8	6.85	15.8	6.37	15.2	6.14	14.7	5.91	13.7	5.46
	-12.6	-13.0	17.8	6.97	16.8	6.51	15.8	6.06	15.2	5.84	14.7	5.62	13.7	5.20
	-10.5	-11.0	17.8	6.60	16.8	6.17	15.8	5.75	15.2	5.54	14.7	5.34	13.7	4.94
	-9.5	-10.0	17.8	6.42	16.8	6.00	15.8	5.60	15.2	5.40	14.7	5.20	13.7	4.81
	-8.5	-9.1	17.8	6.26	16.8	5.86	15.8	5.46	15.2	5.27	14.7	5.08	13.7	4.70
	-7.0	-7.6	17.8	6.00	16.8	5.62	15.8	5.24	15.2	5.06	14.7	4.88	13.7	4.52
	-5.0	-5.6	17.8	5.66	16.8	5.31	15.8	4.96	15.2	4.79	14.7	4.62	13.7	4.28
	-3.0	-3.7	17.8	5.36	16.8	5.03	15.8	4.70	15.2	4.54	14.7	4.38	13.7	4.07
	0.0	-0.7	17.8	4.92	16.8	4.62	15.8	4.33	15.2	4.18	14.7	4.04	13.7	3.76
	3.0	2.2	17.8	4.53	16.8	4.26	15.8	3.99	15.2	3.86	14.7	3.73	13.7	3.48
	5.0	4.1	17.8	4.30	16.8	4.04	15.8	3.79	15.2	3.67	14.7	3.55	13.7	3.31
	7.0	6.0	17.8	4.08	16.8	3.84	15.8	3.61	15.2	3.49	14.7	3.38	13.7	3.16
	9.0	7.9	17.8	3.87	16.8	3.65	15.8	3.43	15.2	3.33	14.7	3.22	13.7	3.01
	11.0	9.8	17.8	3.68	16.8	3.47	15.8	3.27	15.2	3.17	14.7	3.07	13.7	2.87
	13.0	11.8	17.8	3.50	16.8	3.30	15.8	3.11	15.2	3.02	14.7	2.92	13.7	2.74
	15.0	13.7	17.8	3.33	16.8	3.15	15.8	2.97	15.2	2.88	14.7	2.79	13.7	2.62

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ12PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	-19.8	-20.0	23.7	6.00	23.6	6.46	23.5	6.91	23.5	7.14	23.5	7.36	23.4	7.82
	-18.8	-19.0	24.1	6.15	24.1	6.60	24.0	7.04	23.9	7.27	23.9	7.49	23.8	7.94
	-16.7	-17.0	25.1	6.47	25.0	6.89	24.9	7.32	24.9	7.53	24.8	7.75	24.7	8.18
	-14.7	-15.0	26.1	6.78	26.0	7.19	25.9	7.60	25.9	7.81	25.9	8.01	25.8	8.42
	-12.6	-13.0	27.2	7.10	27.2	7.50	27.1	7.89	27.0	8.08	27.0	8.28	26.9	8.67
	-10.5	-11.0	28.5	7.42	28.4	7.80	28.3	8.17	28.3	8.36	28.2	8.54	28.2	8.92
	-9.5	-10.0	29.2	7.58	29.1	7.95	29.0	8.31	28.9	8.49	28.9	8.68	28.8	9.04
	-8.5	-9.1	29.8	7.72	29.7	8.08	29.6	8.44	29.6	8.62	29.5	8.79	29.4	9.15
	-7.0	-7.6	30.9	7.95	30.8	8.30	30.7	8.64	30.6	8.81	30.6	8.99	30.5	9.33
	-5.0	-5.6	32.4	8.26	32.3	8.58	32.2	8.91	32.2	9.07	32.1	9.24	32.0	9.56
	-3.0	-3.7	33.9	8.53	33.9	8.84	33.8	9.16	33.7	9.31	33.7	9.47	33.6	9.78
	0.0	-0.7	36.6	8.95	36.5	9.24	36.4	9.52	36.4	9.67	36.3	9.81	36.2	10.10
	3.0	2.2	39.4	9.32	39.3	9.59	39.2	9.86	39.1	9.99	39.1	10.12	39.0	10.39
	5.0	4.1	41.3	9.55	41.2	9.81	41.1	10.06	41.1	10.19	41.0	10.31	41.0	10.57
	7.0	6.0	43.3	9.77	43.2	10.01	43.2	10.26	43.1	10.38	43.1	10.50	42.5	10.54
	9.0	7.9	45.5	9.98	45.4	10.21	45.3	10.44	45.2	10.55	45.2	10.67	42.5	9.92
	11.0	9.8	47.7	10.18	47.6	10.40	47.5	10.61	47.2	10.62	45.6	10.19	42.5	9.35
	13.0	11.8	50.1	10.37	50.0	10.58	48.8	10.38	47.2	9.97	45.6	9.57	42.5	8.79
	15.0	13.7	52.5	10.55	51.9	10.56	48.8	9.79	47.2	9.41	45.6	9.03	42.5	8.30
120% (360)	-19.8	-20.0	23.6	6.62	23.5	7.04	23.4	7.45	23.4	7.66	23.4	7.87	23.3	8.29
	-18.8	-19.0	24.0	6.76	23.9	7.17	23.9	7.58	23.8	7.78	23.8	7.99	23.7	8.40
	-16.7	-17.0	25.0	7.04	24.9	7.44	24.8	7.83	24.8	8.03	24.7	8.23	24.6	8.62
	-14.7	-15.0	26.0	7.34	25.9	7.72	25.8	8.09	25.8	8.28	25.8	8.47	25.7	8.85
	-12.6	-13.0	27.1	7.63	27.1	7.99	27.0	8.36	26.9	8.54	26.9	8.72	26.8	9.08
	-10.5	-11.0	28.4	7.93	28.3	8.27	28.2	8.62	28.2	8.79	28.1	8.96	28.1	9.31
	-9.5	-10.0	29.0	8.07	29.0	8.41	28.9	8.75	28.8	8.92	28.8	9.09	28.7	9.42
	-8.5	-9.1	29.7	8.21	29.6	8.53	29.5	8.86	29.5	9.03	29.4	9.19	29.3	9.52
	-7.0	-7.6	30.7	8.42	30.7	8.74	30.6	9.05	30.5	9.21	30.5	9.37	30.4	9.69
	-5.0	-5.6	32.3	8.70	32.2	9.00	32.1	9.30	32.1	9.45	32.0	9.60	32.0	9.90
	-3.0	-3.7	33.8	8.95	33.7	9.24	33.7	9.53	33.6	9.67	33.6	9.82	33.5	10.10
	0.0	-0.7	36.5	9.34	36.4	9.60	36.3	9.87	36.3	10.00	36.2	10.13	36.1	10.40
	3.0	2.2	39.2	9.68	39.2	9.93	39.1	10.18	39.0	10.30	39.0	10.42	38.9	10.67
	5.0	4.1	41.2	9.90	41.1	10.13	41.0	10.36	41.0	10.48	40.9	10.60	39.2	10.16
	7.0	6.0	43.2	10.10	43.1	10.32	43.1	10.54	43.0	10.66	42.1	10.43	39.2	9.56
	9.0	7.9	45.3	10.29	45.3	10.50	45.0	10.65	43.6	10.23	42.1	9.81	39.2	9.01
	11.0	9.8	47.6	10.47	47.5	10.67	45.0	10.02	43.6	9.63	42.1	9.25	39.2	8.50
	13.0	11.8	50.0	10.65	47.9	10.16	45.0	9.42	43.6	9.06	42.1	8.70	39.2	8.00
	15.0	13.7	50.8	10.29	47.9	9.58	45.0	8.89	43.6	8.55	42.1	8.22	39.2	7.57
110% (330)	-19.8	-20.0	23.5	7.23	23.4	7.61	23.3	8.00	23.3	8.19	23.3	8.38	23.2	8.76
	-18.8	-19.0	23.9	7.36	23.8	7.73	23.8	8.11	23.7	8.30	23.7	8.49	23.6	8.86
	-16.7	-17.0	24.8	7.62	24.8	7.98	24.7	8.34	24.7	8.53	24.6	8.71	24.5	9.07
	-14.7	-15.0	25.9	7.89	25.8	8.24	25.7	8.58	25.7	8.76	25.7	8.93	25.6	9.28
	-12.6	-13.0	27.0	8.16	26.9	8.49	26.9	8.83	26.8	8.99	26.8	9.16	26.7	9.49
	-10.5	-11.0	28.3	8.43	28.2	8.75	28.1	9.07	28.1	9.22	28.0	9.38	28.0	9.70
	-9.5	-10.0	28.9	8.57	28.9	8.88	28.8	9.18	28.7	9.34	28.7	9.49	28.6	9.80
	-8.5	-9.1	29.5	8.69	29.5	8.99	29.4	9.29	29.4	9.44	29.3	9.59	29.3	9.90
	-7.0	-7.6	30.6	8.88	30.6	9.17	30.5	9.47	30.4	9.61	30.4	9.76	30.3	10.05
	-5.0	-5.6	32.2	9.14	32.1	9.42	32.0	9.69	32.0	9.83	31.9	9.97	31.9	10.25
	-3.0	-3.7	33.7	9.37	33.6	9.64	33.6	9.90	33.5	10.03	33.5	10.16	33.4	10.43
	0.0	-0.7	36.3	9.73	36.3	9.97	36.2	10.21	36.2	10.33	36.1	10.46	35.9	10.65
	3.0	2.2	39.1	10.04	39.1	10.27	39.0	10.49	38.9	10.61	38.6	10.59	35.9	9.71
	5.0	4.1	41.1	10.24	41.0	10.45	40.9	10.67	39.9	10.38	38.6	9.96	35.9	9.14
	7.0	6.0	43.1	10.42	43.0	10.63	41.3	10.17	39.9	9.77	38.6	9.38	35.9	8.62
	9.0	7.9	45.2	10.60	43.9	10.33	41.3	9.57	39.9	9.20	38.6	8.84	35.9	8.13
	11.0	9.8	46.6	10.45	43.9	9.73	41.3	9.02	39.9	8.68	38.6	8.34	35.9	7.68
	13.0	11.8	46.6	9.81	43.9	9.14	41.3	8.49	39.9	8.17	38.6	7.86	35.9	7.24
	15.0	13.7	46.6	9.26	43.9	8.63	41.3	8.02	39.9	7.73	38.6	7.43	35.9	6.85
100% (300)	-19.8	-20.0	23.4	7.84	23.3	8.19	23.2	8.54	23.2	8.71	23.2	8.89	23.1	9.24
	-18.8	-19.0	23.8	7.96	23.7	8.30	23.7	8.64	23.6	8.81	23.6	8.99	23.5	9.33
	-16.7	-17.0	24.7	8.20	24.7	8.53	24.6	8.86	24.6	9.02	24.5	9.19	24.5	9.51
	-14.7	-15.0	25.8	8.44	25.7	8.76	25.6	9.07	25.6	9.23	25.6	9.39	25.5	9.70
	-12.6	-13.0	26.9	8.69	26.8	8.99	26.8	9.29	26.7	9.45	26.7	9.60	26.6	9.90
	-10.5	-11.0	28.1	8.94	28.1	9.23	28.0	9.51	28.0	9.66	28.0	9.80	27.9	10.09
	-9.5	-10.0	28.8	9.06	28.7	9.34	28.7	9.62	28.6	9.76	28.6	9.90	28.5	10.18
	-8.5	-9.1	29.4	9.17	29.4	9.44	29.3	9.72	29.3	9.86	29.2	9.99	29.2	10.27
	-7.0	-7.6	30.5	9.35	30.4	9.61	30.4	9.88	30.3	10.01	30.3	10.14	30.2	10.41
	-5.0	-5.6	32.0	9.58	32.0	9.83	31.9	10.08	31.9	10.21	31.8	10.33	31.8	10.59
	-3.0	-3.7	33.6	9.79	33.5	10.03	33.5	10.27	33.4	10.39	33.4	10.51	32.7	10.42
	0.0	-0.7	36.2	10.11	36.2	10.34	36.1	10.56	36.1	10.67	35.1	10.34	32.7	9.48
	3.0	2.2	39.0	10.40	38.9	10.61	37.5	10.22	36.3	9.82	35.1	9.43	32.7	8.66
	5.0	4.1	40.9	10.58	39.9	10.38	37.5	9.62	36.3	9.25	35.1	8.88	32.7	8.17
	7.0	6.0	42.3	10.49	39.9	9.76	37.5	9.06	36.3	8.71	35.1	8.37	32.7	7.71
	9.0	7.9	42.3	9.87	39.9	9.20	37.5	8.54	36.3	8.22	35.1	7.90	32.7	7.28
	11.0	9.8	42.3	9.30	39.9	8.68	37.5	8.06	36.3	7.76	35.1	7.47	32.7	6.89
	13.0	11.8	42.3	8.75	39.9	8.17	37.5	7.60	36.3	7.32	35.1	7.04	32.7	6.50
	15.0	13.7	42.3	8.27	39.9	7.72	37.5	7.19	36.3	6.93	35.1	6.67	32.7	6.17

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (270)	-19.8	-20.0	23.2	8.46	23.2	8.77	23.1	9.08	23.1	9.24	23.1	9.40	23.0	9.71
	-18.8	-19.0	23.7	8.56	23.6	8.87	23.6	9.18	23.5	9.33	23.5	9.48	23.4	9.79
	-16.7	-17.0	24.6	8.78	24.5	9.07	24.5	9.37	24.5	9.52	24.4	9.66	24.4	9.96
	-14.7	-15.0	25.6	9.00	25.6	9.28	25.5	9.57	25.5	9.71	25.5	9.85	25.4	10.13
	-12.6	-13.0	26.8	9.22	26.7	9.49	26.7	9.76	26.6	9.90	26.6	10.03	26.5	10.31
	-10.5	-11.0	28.0	9.44	28.0	9.70	27.9	9.96	27.9	10.09	27.9	10.22	27.8	10.48
	-9.5	-10.0	28.7	9.55	28.6	9.81	28.6	10.06	28.5	10.18	28.5	10.31	28.5	10.56
	-8.5	-9.1	29.3	9.65	29.3	9.90	29.2	10.15	29.2	10.27	29.1	10.39	29.1	10.64
	-7.0	-7.6	30.4	9.81	30.3	10.05	30.3	10.29	30.2	10.41	30.2	10.53	29.4	10.35
	-5.0	-5.6	31.9	10.02	31.9	10.25	31.8	10.47	31.8	10.59	31.6	10.61	29.4	9.73
	-3.0	-3.7	33.5	10.21	33.4	10.43	33.4	10.65	32.7	10.42	31.6	10.00	29.4	9.17
	0.0	-0.7	36.1	10.50	35.9	10.64	33.8	9.86	32.7	9.47	31.6	9.10	29.4	8.36
	3.0	2.2	38.1	10.41	35.9	9.70	33.8	9.00	32.7	8.65	31.6	8.32	29.4	7.66
	5.0	4.1	38.1	9.80	35.9	9.13	33.8	8.48	32.7	8.16	31.6	7.85	29.4	7.23
	7.0	6.0	38.1	9.23	35.9	8.61	33.8	8.00	32.7	7.70	31.6	7.41	29.4	6.84
	9.0	7.9	38.1	8.70	35.9	8.12	33.8	7.56	32.7	7.28	31.6	7.01	29.4	6.47
	11.0	9.8	38.1	8.21	35.9	7.67	33.8	7.14	32.7	6.88	31.6	6.63	29.4	6.13
	13.0	11.8	38.1	7.74	35.9	7.23	33.8	6.74	32.7	6.50	31.6	6.26	29.4	5.80
	15.0	13.7	38.1	7.32	35.9	6.85	33.8	6.39	32.7	6.16	31.6	5.94	29.4	5.50
80% (240)	-19.8	-20.0	23.1	9.07	23.1	9.35	23.0	9.63	23.0	9.77	23.0	9.91	22.9	10.18
	-18.8	-19.0	23.6	9.16	23.5	9.44	23.5	9.71	23.4	9.85	23.4	9.98	23.3	10.26
	-16.7	-17.0	24.5	9.35	24.4	9.62	24.4	9.88	24.4	10.01	24.3	10.14	24.3	10.41
	-14.7	-15.0	25.5	9.55	25.5	9.80	25.4	10.06	25.4	10.18	25.4	10.31	25.3	10.56
	-12.6	-13.0	26.7	9.75	26.6	9.99	26.6	10.23	26.5	10.35	26.5	10.47	26.1	10.51
	-10.5	-11.0	27.9	9.95	27.9	10.18	27.8	10.41	27.8	10.52	27.8	10.64	26.1	9.92
	-9.5	-10.0	28.6	10.05	28.5	10.27	28.5	10.50	28.4	10.61	28.1	10.51	26.1	9.64
	-8.5	-9.1	29.2	10.13	29.1	10.35	29.1	10.57	29.0	10.66	28.1	10.23	26.1	9.38
	-7.0	-7.6	30.3	10.28	30.2	10.49	30.0	10.60	29.0	10.19	28.1	9.78	26.1	8.97
	-5.0	-5.6	31.8	10.46	31.8	10.66	30.0	9.97	29.0	9.58	28.1	9.20	26.1	8.45
	-3.0	-3.7	33.4	10.64	31.9	10.13	30.0	9.39	29.0	9.03	28.1	8.68	26.1	7.98
	0.0	-0.7	33.9	9.89	31.9	9.22	30.0	8.56	29.0	8.24	28.1	7.92	26.1	7.30
	3.0	2.2	33.9	9.03	31.9	8.42	30.0	7.83	29.0	7.54	28.1	7.26	26.1	6.70
	5.0	4.1	33.9	8.51	31.9	7.95	30.0	7.40	29.0	7.13	28.1	6.86	26.1	6.34
	7.0	6.0	33.9	8.03	31.9	7.50	30.0	6.99	29.0	6.74	28.1	6.49	26.1	6.00
	9.0	7.9	33.9	7.58	31.9	7.09	30.0	6.61	29.0	6.38	28.1	6.14	26.1	5.69
	11.0	9.8	33.9	7.17	31.9	6.71	30.0	6.26	29.0	6.04	28.1	5.82	26.1	5.40
	13.0	11.8	33.9	6.77	31.9	6.34	30.0	5.92	29.0	5.72	28.1	5.51	26.1	5.11
	15.0	13.7	33.9	6.41	31.9	6.01	30.0	5.62	29.0	5.43	28.1	5.24	26.1	4.86
70% (210)	-19.8	-20.0	23.0	9.68	23.0	9.93	22.9	10.17	22.9	10.29	22.9	10.41	22.8	10.66
	-18.8	-19.0	23.4	9.76	23.4	10.00	23.4	10.24	23.3	10.36	23.3	10.48	22.9	10.44
	-16.7	-17.0	24.4	9.93	24.3	10.16	24.3	10.39	24.3	10.51	24.2	10.62	22.9	9.94
	-14.7	-15.0	25.4	10.10	25.4	10.33	25.3	10.55	25.3	10.66	24.6	10.29	22.9	9.44
	-12.6	-13.0	26.6	10.28	26.5	10.49	26.3	10.57	25.4	10.15	24.6	9.74	22.9	8.94
	-10.5	-11.0	27.8	10.45	27.8	10.65	26.3	9.97	25.4	9.58	24.6	9.20	22.9	8.46
	-9.5	-10.0	28.5	10.54	27.9	10.45	26.3	9.68	25.4	9.31	24.6	8.94	22.9	8.22
	-8.5	-9.1	29.1	10.62	27.9	10.17	26.3	9.43	25.4	9.07	24.6	8.71	22.9	8.01
	-7.0	-7.6	29.6	10.44	27.9	9.72	26.3	9.02	25.4	8.67	24.6	8.33	22.9	7.67
	-5.0	-5.6	29.6	9.81	27.9	9.14	26.3	8.49	25.4	8.17	24.6	7.86	22.9	7.24
	-3.0	-3.7	29.6	9.25	27.9	8.63	26.3	8.02	25.4	7.72	24.6	7.43	22.9	6.85
	0.0	-0.7	29.6	8.43	27.9	7.87	26.3	7.33	25.4	7.06	24.6	6.80	22.9	6.28
	3.0	2.2	29.6	7.72	27.9	7.22	26.3	6.73	25.4	6.49	24.6	6.25	22.9	5.78
	5.0	4.1	29.6	7.29	27.9	6.82	26.3	6.36	25.4	6.14	24.6	5.92	22.9	5.48
	7.0	6.0	29.6	6.89	27.9	6.45	26.3	6.03	25.4	5.82	24.6	5.61	22.9	5.20
	9.0	7.9	29.6	6.52	27.9	6.11	26.3	5.71	25.4	5.52	24.6	5.32	22.9	4.94
	11.0	9.8	29.6	6.18	27.9	5.79	26.3	5.42	25.4	5.24	24.6	5.05	22.9	4.70
	13.0	11.8	29.6	5.84	27.9	5.48	26.3	5.14	25.4	4.96	24.6	4.79	22.9	4.46
	15.0	13.7	29.6	5.54	27.9	5.21	26.3	4.88	25.4	4.72	24.6	4.56	22.9	4.25
60% (180)	-19.8	-20.0	22.9	10.29	22.9	10.50	22.5	10.47	21.8	10.06	21.1	9.66	19.6	8.87
	-18.8	-19.0	23.3	10.36	23.3	10.57	22.5	10.23	21.8	9.83	21.1	9.44	19.6	8.67
	-16.7	-17.0	24.3	10.51	23.9	10.52	22.5	9.74	21.8	9.37	21.1	9.00	19.6	8.27
	-14.7	-15.0	25.3	10.66	23.9	9.98	22.5	9.25	21.8	8.90	21.1	8.55	19.6	7.87
	-12.6	-13.0	25.4	10.14	23.9	9.45	22.5	8.77	21.8	8.44	21.1	8.11	19.6	7.47
	-10.5	-11.0	25.4	9.58	23.9	8.93	22.5	8.29	21.8	7.98	21.1	7.68	19.6	7.08
	-9.5	-10.0	25.4	9.30	23.9	8.67	22.5	8.06	21.8	7.76	21.1	7.47	19.6	6.89
	-8.5	-9.1	25.4	9.06	23.9	8.45	22.5	7.86	21.8	7.57	21.1	7.28	19.6	6.72
	-7.0	-7.6	25.4	8.67	23.9	8.09	22.5	7.53	21.8	7.25	21.1	6.98	19.6	6.44
	-5.0	-5.6	25.4	8.17	23.9	7.63	22.5	7.10	21.8	6.85	21.1	6.59	19.6	6.10
	-3.0	-3.7	25.4	7.72	23.9	7.21	22.5	6.72	21.8	6.48	21.1	6.25	19.6	5.78
	0.0	-0.7	25.4	7.06	23.9	6.61	22.5	6.17	21.8	5.95	21.1	5.74	19.6	5.32
	3.0	2.2	25.4	6.48	23.9	6.08	22.5	5.68	21.8	5.49	21.1	5.29	19.6	4.91
	5.0	4.1	25.4	6.14	23.9	5.76	22.5	5.39	21.8	5.20	21.1	5.02	19.6	4.67
	7.0	6.0	25.4	5.81	23.9	5.46	22.5	5.11	21.8	4.94	21.1	4.77	19.6	4.44
	9.0	7.9	25.4	5.51	23.9	5.18	22.5	4.86	21.8	4.70	21.1	4.54	19.6	4.23
	11.0	9.8	25.4	5.23	23.9	4.92	22.5	4.62	21.8	4.47	21.1	4.32	19.6	4.03
	13.0	11.8	25.4	4.96	23.9	4.67	22.5	4.38	21.8	4.24	21.1	4.11	19.6	3.83
	15.0	13.7	25.4	4.72	23.9	4.45	22.5	4.18	21.8	4.05	21.1	3.92	19.6	3.66
50% (150)	-19.8	-20.0	21.2	9.72	20.0	9.05	18.8	8.41	18.1	8.09	17.5	7.78	16.3	7.17
	-18.8	-19.0	21.2	9.50	20.0	8.85	18.8	8.22	18.1	7.92	17.5	7.61	16.3	7.02
	-16.7	-17.0	21.2	9.05	20.0	8.44	18.8	7.85	18.1	7.56	17.5	7.27	16.3	6.71
	-14.7	-15.0	21.2	8.60	20.0	8.03	18.8	7.47	18.1	7.20	17.5	6.93	16.3	6.40
	-12.6	-13.0	21.2	8.16	20.0	7.62	18.8	7.10	18.1	6.84	17.5	6.58	16.3	6.09
	-10.5	-11.0	21.2	7.72	20.0	7.22	18.8	6.73	18.1	6.49	17.5	6.25	16.3	5.78
	-9.5	-10.0	21.2	7.51	20.0	7.02	18.8	6.55	18.1	6.32	17.5	6.09	16.3	5.64
	-8.5	-9.1	21.2	7.32	20.0	6.85	18.8	6.39	18.1	6.17	17.5	5.94	16.3	5.50
	-7.0	-7.6	21.2	7.02	20.0	6.57	18.8	6.13	18.1	5.92	17.5	5.71	16.3	5.29
	-5.0	-5.6	21.2	6.63	20.0	6.21	18.8	5.81	18.1	5.61	17.5	5.41	16.3	5.02
	-3.0	-3.7	21.2	6.28	20.0	5.89	18.8	5.51	18.1	5.32	17.5	5.14	16.3	4.77
	0.0	-0.7	21.2	5.77	20.0	5.42	18.8	5.07	18.1	4.91	17.5	4.74	16.3	4.41
	3.0	2.2	21.2	5.32	20.0	5.00	18.8	4.69	18.1	4.54	17.5	4.39	16.3	4.09
	5.0	4.1	21.2	5.05	20.0	4.75	18.8	4.46	18.1	4.32	17.5	4.17	16.3	3.89
	7.0	6.0	21.2	4.80	20.0	4.52	18.8	4.25	18.1	4.11	17.5	3.98	16.3	3.71
	9.0	7.9	21.2	4.56	20.0	4.30	18.8	4.04	18.1	3.92	17.5	3.79	16.3	3.54
	11.0	9.8	21.2	4.34	20.0	4.10	18.8	3.85	18.1	3.74	17.5	3.62	16.3	3.38
	13.0	11.8	21.2	4.13	20.0	3.90	18.8	3.67	18.1	3.56	17.5	3.45	16.3	3.23
	15.0	13.7	21.2	3.94	20.0	3.72	18.8	3.51	18.1	3.40	17.5	3.30	16.3	3.09

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ14PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0 TC	16.0 PI	18.0 TC	18.0 PI	20.0 TC	20.0 PI	21.0 TC	21.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (461)	-19.8	-20.0	28.1	7.25	28.0	7.82	27.9	8.38	27.9	8.66	27.8	8.95	27.7	9.51
	-18.8	-19.0	28.7	7.44	28.5	7.99	28.4	8.55	28.4	8.83	28.3	9.10	28.2	9.66
	-16.7	-17.0	29.8	7.82	29.7	8.36	29.6	8.89	29.5	9.16	29.4	9.43	29.3	9.96
	-14.7	-15.0	31.0	8.22	30.9	8.73	30.8	9.24	30.7	9.50	30.7	9.76	30.6	10.27
	-12.6	-13.0	32.3	8.62	32.2	9.11	32.1	9.60	32.1	9.84	32.0	10.09	31.9	10.58
	-10.5	-11.0	33.8	9.02	33.7	9.49	33.6	9.95	33.6	10.19	33.5	10.42	33.4	10.9
	-9.5	-10.0	34.6	9.22	34.5	9.67	34.4	10.13	34.3	10.36	34.3	10.58	34.2	11.0
	-8.5	-9.1	35.3	9.39	35.2	9.84	35.1	10.28	35.1	10.51	35.0	10.73	34.9	11.2
	-7.0	-7.6	36.6	9.68	36.5	10.11	36.4	10.54	36.4	10.75	36.3	11.0	36.2	11.4
	-5.0	-5.6	38.4	10.06	38.3	10.47	38.2	10.9	38.2	11.1	38.1	11.3	38.0	11.7
	-3.0	-3.7	40.3	10.40	40.2	10.79	40.1	11.2	40.0	11.4	40.0	11.6	39.9	12.0
	0.0	-0.7	43.4	10.9	43.3	11.3	43.2	11.6	43.1	11.8	43.1	12.0	43.0	12.4
	3.0	2.2	46.7	11.4	46.6	11.7	46.5	12.1	46.4	12.2	46.4	12.4	46.3	12.7
	5.0	4.1	49.0	11.7	48.9	12.0	48.8	12.3	48.7	12.5	48.7	12.6	48.6	12.9
	7.0	6.0	51.4	11.9	51.3	12.2	51.2	12.6	51.2	12.7	51.1	12.9	51.0	13.1
	9.0	7.9	53.9	12.2	53.8	12.5	53.7	12.8	53.7	12.9	53.6	13.1	51.0	12.4
	11.0	9.8	56.6	12.5	56.5	12.7	56.4	13.0	56.3	13.1	54.7	12.7	51.0	11.7
	13.0	11.8	59.5	12.7	59.4	13.0	58.5	12.9	56.6	12.4	54.7	11.9	51.0	11.0
	15.0	13.7	62.3	12.9	62.2	13.2	58.5	12.2	56.6	11.7	54.7	11.3	51.0	10.4
120% (426)	-19.8	-20.0	28.0	8.01	27.9	8.54	27.8	9.06	27.8	9.32	27.7	9.58	27.6	10.10
	-18.8	-19.0	28.5	8.19	28.4	8.70	28.3	9.21	28.3	9.47	28.2	9.73	28.1	10.24
	-16.7	-17.0	29.6	8.55	29.5	9.04	29.4	9.53	29.4	9.78	29.3	10.02	29.2	10.52
	-14.7	-15.0	30.8	8.91	30.8	9.38	30.7	9.86	30.6	10.09	30.6	10.33	30.5	10.80
	-12.6	-13.0	32.2	9.28	32.1	9.73	32.0	10.18	32.0	10.41	31.9	10.63	31.8	11.1
	-10.5	-11.0	33.7	9.65	33.6	10.08	33.5	10.51	33.4	10.73	33.4	10.9	33.3	11.4
	-9.5	-10.0	34.5	9.83	34.4	10.25	34.3	10.67	34.2	10.9	34.2	11.1	34.1	11.5
	-8.5	-9.1	35.2	9.99	35.1	10.41	35.0	10.8	35.0	11.0	34.9	11.2	34.8	11.6
	-7.0	-7.6	36.5	10.26	36.4	10.66	36.3	11.1	36.2	11.3	36.2	11.4	36.1	11.8
	-5.0	-5.6	38.3	10.61	38.2	11.0	38.1	11.4	38.1	11.5	38.0	11.7	37.9	12.1
	-3.0	-3.7	40.1	10.9	40.0	11.3	39.9	11.6	39.9	11.8	39.8	12.0	39.8	12.4
	0.0	-0.7	43.3	11.4	43.2	11.7	43.1	12.1	43.0	12.2	43.0	12.4	42.9	12.7
	3.0	2.2	46.6	11.8	46.5	12.1	46.4	12.5	46.3	12.6	46.3	12.8	46.2	13.1
	5.0	4.1	48.9	12.1	48.8	12.4	48.7	12.7	48.6	12.8	48.6	13.0	47.1	12.7
	7.0	6.0	51.3	12.4	51.2	12.6	51.1	12.9	51.0	13.1	50.5	13.0	47.1	11.9
	9.0	7.9	53.8	12.6	53.7	12.9	53.6	13.1	52.3	12.8	50.5	12.2	47.1	11.2
	11.0	9.8	56.4	12.8	56.3	13.1	54.0	12.5	52.3	12.0	50.5	11.5	47.1	10.6
	13.0	11.8	59.3	13.0	57.5	12.7	54.0	11.7	52.3	11.3	50.5	10.9	47.1	10.0
	15.0	13.7	60.9	12.8	57.5	11.9	54.0	11.1	52.3	10.7	50.5	10.3	47.1	9.4
110% (391)	-19.8	-20.0	27.9	8.78	27.8	9.26	27.7	9.74	27.6	9.98	27.6	10.21	27.5	10.69
	-18.8	-19.0	28.4	8.94	28.3	9.41	28.2	9.88	28.2	10.11	28.1	10.35	28.0	10.82
	-16.7	-17.0	29.5	9.27	29.4	9.72	29.3	10.17	29.3	10.39	29.2	10.62	29.1	11.07
	-14.7	-15.0	30.7	9.60	30.6	10.04	30.5	10.47	30.5	10.68	30.4	10.90	30.4	11.3
	-12.6	-13.0	32.1	9.94	32.0	10.36	31.9	10.77	31.8	11.0	31.8	11.2	31.7	11.6
	-10.5	-11.0	33.5	10.28	33.5	10.67	33.4	11.1	33.3	11.3	33.3	11.5	33.2	11.9
	-9.5	-10.0	34.3	10.45	34.2	10.8	34.2	11.2	34.1	11.4	34.1	11.6	34.0	12.0
	-8.5	-9.1	35.1	10.60	35.0	11.0	34.9	11.3	34.8	11.5	34.8	11.7	34.7	12.1
	-7.0	-7.6	36.3	10.8	36.3	11.2	36.2	11.6	36.1	11.7	36.1	11.9	36.0	12.3
	-5.0	-5.6	38.2	11.2	38.1	11.5	38.0	11.8	37.9	12.0	37.9	12.2	37.8	12.5
	-3.0	-3.7	40.0	11.5	39.9	11.8	39.8	12.1	39.8	12.3	39.7	12.4	39.6	12.8
	0.0	-0.7	43.1	11.9	43.0	12.2	43.0	12.5	42.9	12.7	42.9	12.8	42.8	13.1
	3.0	2.2	46.4	12.3	46.3	12.6	46.2	12.9	46.2	13.0	46.2	13.1	43.1	12.1
	5.0	4.1	48.7	12.5	48.6	12.8	48.5	13.1	47.9	12.9	46.3	12.4	43.1	11.4
	7.0	6.0	51.1	12.8	51.0	13.0	49.5	12.7	47.9	12.2	46.3	11.7	43.1	10.7
	9.0	7.9	53.7	13.0	52.7	12.9	49.5	11.9	47.9	11.5	46.3	11.0	43.1	10.1
	11.0	9.8	55.9	13.0	52.7	12.1	49.5	11.3	47.9	10.8	46.3	10.4	43.1	9.6
	13.0	11.8	55.9	12.2	52.7	11.4	49.5	10.6	47.9	10.2	46.3	9.8	43.1	9.03
	15.0	13.7	55.9	11.5	52.7	10.8	49.5	10.0	47.9	9.6	46.3	9.3	43.1	8.55
100% (355)	-19.8	-20.0	27.7	9.54	27.6	9.98	27.6	10.41	27.5	10.63	27.5	10.85	27.4	11.28
	-18.8	-19.0	28.2	9.69	28.2	10.12	28.1	10.54	28.0	10.76	28.0	10.97	27.9	11.4
	-16.7	-17.0	29.3	9.99	29.3	10.40	29.2	10.81	29.1	11.01	29.1	11.2	29.0	11.6
	-14.7	-15.0	30.6	10.29	30.5	10.69	30.4	11.1	30.4	11.3	30.3	11.5	30.3	11.9
	-12.6	-13.0	31.9	10.60	31.8	11.0	31.8	11.4	31.7	11.5	31.7	11.7	31.6	12.1
	-10.5	-11.0	33.4	10.9	33.3	11.3	33.2	11.6	33.2	11.8	33.2	12.0	33.1	12.3
	-9.5	-10.0	34.2	11.1	34.1	11.4	34.0	11.8	34.0	11.9	34.0	12.1	33.9	12.5
	-8.5	-9.1	34.9	11.2	34.8	11.5	34.8	11.9	34.7	12.1	34.7	12.2	34.6	12.6
	-7.0	-7.6	36.2	11.4	36.1	11.8	36.0	12.1	36.0	12.2	36.0	12.4	35.9	12.7
	-5.0	-5.6	38.0	11.7	37.9	12.0	37.9	12.3	37.8	12.5	37.8	12.7	37.7	13.0
	-3.0	-3.7	39.9	12.0	39.8	12.3	39.7	12.6	39.7	12.7	39.6	12.9	39.2	13.0
	0.0	-0.7	43.0	12.4	42.9	12.7	42.8	12.9	42.8	13.1	42.1	12.9	39.2	11.8
	3.0	2.2	46.3	12.7	46.2	13.0	45.0	12.7	43.6	12.2	42.1	11.8	39.2	10.8
	5.0	4.1	48.6	13.0	47.9	12.9	45.0	12.0	43.6	11.5	42.1	11.1	39.2	10.2
	7.0	6.0	50.8	13.1	47.9	12.2	45.0	11.3	43.6	10.9	42.1	10.4	39.2	9.61
	9.0	7.9	50.8	12.3	47.9	11.5	45.0	10.7	43.6	10.3	42.1	9.9	39.2	9.08
	11.0	9.8	50.8	11.6	47.9	10.8	45.0	10.1	43.6	9.7	42.1	9.31	39.2	8.59
	13.0	11.8	50.8	10.9	47.9	10.2	45.0	9.5	43.6	9.13	42.1	8.79	39.2	8.11
	15.0	13.7	50.8	10.3	47.9	9.6	45.0	8.97	43.6	8.64	42.1	8.32	39.2	7.69

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0 TC	16.0 PI	18.0 TC	18.0 PI	20.0 TC	20.0 PI	21.0 TC	21.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (320)	-19.8	-20.0	27.6	10.31	27.5	10.70	27.4	11.09	27.4	11.29	27.4	11.5	27.3	11.9
	-18.8	-19.0	28.1	10.44	28.0	10.82	28.0	11.21	27.9	11.4	27.9	11.6	27.8	12.0
	-16.7	-17.0	29.2	10.71	29.1	11.08	29.1	11.4	29.0	11.6	29.0	11.8	28.9	12.2
	-14.7	-15.0	30.4	10.98	30.4	11.3	30.3	11.7	30.3	11.9	30.2	12.0	30.1	12.4
	-12.6	-13.0	31.8	11.3	31.7	11.6	31.6	11.9	31.6	12.1	31.6	12.3	31.5	12.6
	-10.5	-11.0	33.3	11.5	33.2	11.9	33.1	12.2	33.1	12.3	33.0	12.5	33.0	12.8
	-9.5	-10.0	34.0	11.7	34.0	12.0	33.9	12.3	33.9	12.5	33.8	12.6	33.8	12.9
	-8.5	-9.1	34.8	11.8	34.7	12.1	34.6	12.4	34.6	12.6	34.6	12.7	34.5	13.0
	-7.0	-7.6	36.1	12.0	36.0	12.3	35.9	12.6	35.9	12.7	35.8	12.9	35.3	12.9
	-5.0	-5.6	37.9	12.3	37.8	12.5	37.7	12.8	37.7	13.0	37.7	13.1	35.3	12.1
	-3.0	-3.7	39.7	12.5	39.6	12.8	39.6	13.0	39.2	13.0	37.9	12.5	35.3	11.4
	0.0	-0.7	42.8	12.9	42.8	13.1	40.5	12.3	39.2	11.8	37.9	11.3	35.3	10.4
	3.0	2.2	45.7	13.0	43.1	12.1	40.5	11.2	39.2	10.8	37.9	10.4	35.3	9.55
	5.0	4.1	45.7	12.2	43.1	11.4	40.5	10.6	39.2	10.2	37.9	9.79	35.3	9.02
	7.0	6.0	45.7	11.5	43.1	10.7	40.5	10.0	39.2	9.61	37.9	9.24	35.3	8.53
	9.0	7.9	45.7	10.9	43.1	10.1	40.5	9.42	39.2	9.08	37.9	8.74	35.3	8.07
	11.0	9.8	45.7	10.2	43.1	9.6	40.5	8.91	39.2	8.59	37.9	8.27	35.3	7.64
	13.0	11.8	45.7	9.6	43.1	9.02	40.5	8.41	39.2	8.11	37.9	7.81	35.3	7.23
	15.0	13.7	45.7	9.1	43.1	8.54	40.5	7.97	39.2	7.69	37.9	7.41	35.3	6.86
80% (284)	-19.8	-20.0	27.5	11.07	27.4	11.42	27.3	11.8	27.3	11.9	27.3	12.1	27.2	12.5
	-18.8	-19.0	28.0	11.19	27.9	11.5	27.8	11.9	27.8	12.0	27.8	12.2	27.7	12.6
	-16.7	-17.0	29.1	11.4	29.0	11.8	28.9	12.1	28.9	12.2	28.9	12.4	28.8	12.7
	-14.7	-15.0	30.3	11.7	30.2	12.0	30.2	12.3	30.1	12.5	30.1	12.6	30.0	12.9
	-12.6	-13.0	31.6	11.9	31.6	12.2	31.5	12.5	31.5	12.7	31.5	12.8	31.4	13.1
	-10.5	-11.0	33.1	12.2	33.1	12.5	33.0	12.7	33.0	12.9	32.9	13.0	31.4	12.4
	-9.5	-10.0	33.9	12.3	33.8	12.6	33.8	12.9	33.8	13.0	33.7	13.1	31.4	12.0
	-8.5	-9.1	34.6	12.4	34.6	12.7	34.5	12.9	34.5	13.1	33.7	12.8	31.4	11.7
	-7.0	-7.6	35.9	12.6	35.9	12.8	35.8	13.1	34.8	12.7	33.7	12.2	31.4	11.2
	-5.0	-5.6	37.7	12.8	37.7	13.1	36.0	12.4	34.8	11.9	33.7	11.5	31.4	10.5
	-3.0	-3.7	39.6	13.0	38.3	12.6	36.0	11.7	34.8	11.3	33.7	10.8	31.4	9.96
	0.0	-0.7	40.6	12.3	38.3	11.5	36.0	10.7	34.8	10.3	33.7	9.88	31.4	9.10
	3.0	2.2	40.6	11.3	38.3	10.5	36.0	9.77	34.8	9.41	33.7	9.05	31.4	8.35
	5.0	4.1	40.6	10.6	38.3	9.9	36.0	9.22	34.8	8.89	33.7	8.56	31.4	7.90
	7.0	6.0	40.6	10.0	38.3	9.36	36.0	8.72	34.8	8.40	33.7	8.09	31.4	7.48
	9.0	7.9	40.6	9.46	38.3	8.85	36.0	8.25	34.8	7.95	33.7	7.66	31.4	7.09
	11.0	9.8	40.6	8.94	38.3	8.37	36.0	7.81	34.8	7.54	33.7	7.27	31.4	6.73
	13.0	11.8	40.6	8.44	38.3	7.91	36.0	7.38	34.8	7.13	33.7	6.88	31.4	6.38
	15.0	13.7	40.6	8.00	38.3	7.50	36.0	7.01	34.8	6.77	33.7	6.53	31.4	6.07
70% (249)	-19.8	-20.0	27.3	11.8	27.3	12.1	27.2	12.4	27.2	12.6	27.1	12.8	27.1	13.1
	-18.8	-19.0	27.8	11.9	27.8	12.2	27.7	12.5	27.7	12.7	27.7	12.8	27.5	13.0
	-16.7	-17.0	28.9	12.1	28.9	12.4	28.8	12.7	28.8	12.9	28.8	13.0	27.5	12.4
	-14.7	-15.0	30.2	12.4	30.1	12.6	30.0	12.9	30.0	13.1	29.5	12.8	27.5	11.8
	-12.6	-13.0	31.5	12.6	31.5	12.8	31.4	13.1	30.5	12.7	29.5	12.1	27.5	11.2
	-10.5	-11.0	33.0	12.8	32.9	13.0	31.5	12.4	30.5	12.0	29.5	11.5	27.5	10.5
	-9.5	-10.0	33.8	12.9	33.5	13.0	31.5	12.1	30.5	11.6	29.5	11.2	27.5	10.3
	-8.5	-9.1	34.5	13.0	33.5	12.7	31.5	11.8	30.5	11.3	29.5	10.9	27.5	9.99
	-7.0	-7.6	35.5	13.0	33.5	12.1	31.5	11.2	30.5	10.8	29.5	10.4	27.5	9.57
	-5.0	-5.6	35.5	12.2	33.5	11.4	31.5	10.6	30.5	10.19	29.5	9.80	27.5	9.03
	-3.0	-3.7	35.5	11.5	33.5	10.8	31.5	10.00	30.5	9.63	29.5	9.26	27.5	8.55
	0.0	-0.7	35.5	10.5	33.5	9.82	31.5	9.14	30.5	8.81	29.5	8.48	27.5	7.83
	3.0	2.2	35.5	9.63	33.5	9.00	31.5	8.39	30.5	8.09	29.5	7.79	27.5	7.21
	5.0	4.1	35.5	9.09	33.5	8.51	31.5	7.94	30.5	7.66	29.5	7.38	27.5	6.84
	7.0	6.0	35.5	8.60	33.5	8.05	31.5	7.52	30.5	7.26	29.5	7.00	27.5	6.49
	9.0	7.9	35.5	8.13	33.5	7.62	31.5	7.13	30.5	6.88	29.5	6.64	27.5	6.16
	11.0	9.8	35.5	7.70	33.5	7.23	31.5	6.76	30.5	6.53	29.5	6.30	27.5	5.86
	13.0	11.8	35.5	7.28	33.5	6.84	31.5	6.40	30.5	6.19	29.5	5.98	27.5	5.56
	15.0	13.7	35.5	6.92	33.5	6.50	31.5	6.09	30.5	5.89	29.5	5.69	27.5	5.30
60% (213)	-19.8	-20.0	27.2	12.6	27.1	12.9	27.0	13.1	26.1	12.6	25.3	12.0	23.5	11.1
	-18.8	-19.0	27.7	12.7	27.6	12.9	27.0	12.8	26.1	12.3	25.3	11.8	23.5	10.8
	-16.7	-17.0	28.8	12.9	28.7	13.1	27.0	12.2	26.1	11.7	25.3	11.2	23.5	10.3
	-14.7	-15.0	30.0	13.1	28.7	12.4	27.0	11.5	26.1	11.1	25.3	10.7	23.5	9.81
	-12.6	-13.0	30.5	12.7	28.7	11.8	27.0	10.9	26.1	10.5	25.3	10.1	23.5	9.31
	-10.5	-11.0	30.5	11.9	28.7	11.1	27.0	10.3	26.1	9.96	25.3	9.57	23.5	8.83
	-9.5	-10.0	30.5	11.6	28.7	10.8	27.0	10.06	26.1	9.68	25.3	9.31	23.5	8.59
	-8.5	-9.1	30.5	11.3	28.7	10.5	27.0	9.80	26.1	9.44	25.3	9.08	23.5	8.38
	-7.0	-7.6	30.5	10.8	28.7	10.09	27.0	9.39	26.1	9.04	25.3	8.70	23.5	8.04
	-5.0	-5.6	30.5	10.19	28.7	9.52	27.0	8.86	26.1	8.54	25.3	8.22	23.5	7.60
	-3.0	-3.7	30.5	9.62	28.7	9.00	27.0	8.39	26.1	8.09	25.3	7.79	23.5	7.21
	0.0	-0.7	30.5	8.80	28.7	8.24	27.0	7.69	26.1	7.42	25.3	7.16	23.5	6.63
	3.0	2.2	30.5	8.08	28.7	7.58	27.0	7.08	26.1	6.84	25.3	6.60	23.5	6.13
	5.0	4.1	30.5	7.65	28.7	7.18	27.0	6.72	26.1	6.49	25.3	6.27	23.5	5.82
	7.0	6.0	30.5	7.25	28.7	6.81	27.0	6.38	26.1	6.16	25.3	5.95	23.5	5.54
	9.0	7.9	30.5	6.88	28.7	6.46	27.0	6.06	26.1	5.86	25.3	5.66	23.5	5.27
	11.0	9.8	30.5	6.53	28.7	6.14	27.0	5.76	26.1	5.57	25.3	5.39	23.5	5.02
	13.0	11.8	30.5	6.19	28.7	5.82	27.0	5.47	26.1	5.29	25.3	5.12	23.5	4.78
	15.0	13.7	30.5	5.89	28.7	5.55	27.0	5.21	26.1	5.05	25.3	4.88	23.5	4.56
50% (178)	-19.8	-20.0	25.4	12.1	23.9	11.3	22.5	10.5	21.8	10.1	21.1	9.7	19.6	8.95
	-18.8	-19.0	25.4	11.8	23.9	11.0	22.5	10.3	21.8	9.9	21.1	9.5	19.6	8.76
	-16.7	-17.0	25.4	11.3	23.9	10.5	22.5	9.8	21.8	9.43	21.1	9.07	19.6	8.37
	-14.7	-15.0	25.4	10.7	23.9	10.0	22.5	9.32	21.8	8.98	21.1	8.64	19.6	7.98
	-12.6	-13.0	25.4	10.2	23.9	9.50	22.5	8.85	21.8	8.53	21.1	8.21	19.6	7.59
	-10.5	-11.0	25.4	9.63	23.9	9.00	22.5	8.39	21.8	8.09	21.1	7.80	19.6	7.21
	-9.5	-10.0	25.4	9.37	23.9	8.76	22.5	8.17	21.8	7.88	21.1	7.59	19.6	7.03
	-8.5	-9.1	25.4	9.13	23.9	8.55	22.5	7.97	21.8	7.69	21.1	7.41	19.6	6.87
	-7.0	-7.6	25.4	8.75	23.9	8.20	22.5	7.65	21.8	7.38	21.1	7.12	19.6	6.60
	-5.0	-5.6	25.4	8.27	23.9	7.75	22.5	7.24	21.8	6.99	21.1	6.74	19.6	6.26
	-3.0	-3.7	25.4	7.83	23.9	7.35	22.5	6.87	21.8	6.64	21.1	6.41	19.6	5.95
	0.0	-0.7	25.4	7.20	23.9	6.76	22.5	6.33	21.8	6.12	21.1	5.91	19.6	5.50
	3.0	2.2	25.4	6.64	23.9	6.24	22.5	5.85	21.8	5.66	21.1	5.47	19.6	5.10
	5.0	4.1	25.4	6.30	23.9	5.93	22.5	5.56	21.8	5.38	21.1	5.21	19.6	4.86
	7.0	6.0	25.4	5.98	23.9	5.64	22.5	5.29	21.8	5.13	21.1	4.96	19.6	4.63
	9.0	7.9	25.4	5.69	23.9	5.36	22.5	5.04	21.8	4.88	21.1	4.73	19.6	4.42
	11.0	9.8	25.4	5.41	23.9	5.11	22.5	4.81	21.8	4.66	21.1	4.51	19.6	4.22
	13.0	11.8	25.4	5.15	23.9	4.86	22.5	4.58	21.8	4.44	21.1	4.30	19.6	4.03
	15.0	13.7	25.4	4.91	23.9	4.64	22.5	4.37	21.8	4.24	21.1	4.11	19.6	3.86

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ16PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	-19.8	-20.0	30.7	7.80	30.6	8.45	30.4	9.09	30.4	9.42	30.3	9.74	30.2	10.39
	-18.8	-19.0	31.2	8.02	31.1	8.65	31.0	9.28	30.9	9.60	30.9	9.92	30.8	10.55
	-16.7	-17.0	32.4	8.46	32.3	9.07	32.2	9.68	32.1	9.98	32.1	10.29	32.0	10.90
	-14.7	-15.0	33.8	8.91	33.6	9.50	33.5	10.08	33.5	10.37	33.4	10.66	33.3	11.25
	-12.6	-13.0	35.2	9.37	35.1	9.93	35.0	10.48	34.9	10.76	34.9	11.04	34.8	11.60
	-10.5	-11.0	36.8	9.82	36.7	10.36	36.6	10.89	36.6	11.15	36.5	11.42	36.4	12.0
	-9.5	-10.0	37.7	10.05	37.6	10.57	37.5	11.09	37.4	11.35	37.4	11.6	37.2	12.1
	-8.5	-9.1	38.5	10.25	38.4	10.76	38.3	11.27	38.2	11.52	38.2	11.8	38.0	12.3
	-7.0	-7.6	39.9	10.58	39.8	11.07	39.7	11.6	39.6	11.8	39.5	12.0	39.4	12.5
	-5.0	-5.6	41.9	11.01	41.8	11.47	41.6	11.9	41.6	12.2	41.5	12.4	41.4	12.9
	-3.0	-3.7	43.9	11.40	43.8	11.8	43.6	12.3	43.6	12.5	43.5	12.7	43.4	13.2
	0.0	-0.7	47.3	12.0	47.2	12.4	47.0	12.8	47.0	13.0	46.9	13.2	46.8	13.6
	3.0	2.2	50.9	12.5	50.7	12.9	50.6	13.3	50.6	13.5	50.5	13.7	50.4	14.0
	5.0	4.1	53.4	12.9	53.2	13.2	53.1	13.6	53.1	13.8	53.0	13.9	52.9	14.3
	7.0	6.0	56.0	13.2	55.9	13.5	55.8	13.9	55.7	14.0	55.6	14.2	55.5	14.5
	9.0	7.9	58.7	13.5	58.6	13.8	58.5	14.1	58.5	14.3	58.4	14.4	56.6	14.1
	11.0	9.8	61.6	13.7	61.5	14.1	61.4	14.4	61.3	14.5	60.8	14.5	56.6	13.3
	13.0	11.8	64.8	14.0	64.6	14.3	64.5	14.6	62.9	14.2	60.8	13.6	56.6	12.5
	15.0	13.7	67.9	14.3	67.8	14.6	65.0	13.9	62.9	13.4	60.8	12.9	56.6	11.8
120% (480)	-19.8	-20.0	30.5	8.67	30.4	9.27	30.3	9.87	30.3	10.17	30.2	10.46	30.1	11.06
	-18.8	-19.0	31.1	8.87	31.0	9.46	30.9	10.04	30.8	10.34	30.7	10.63	30.6	11.21
	-16.7	-17.0	32.3	9.28	32.2	9.84	32.1	10.41	32.0	10.69	32.0	10.97	31.8	11.53
	-14.7	-15.0	33.6	9.70	33.5	10.24	33.4	10.78	33.3	11.05	33.3	11.32	33.2	11.9
	-12.6	-13.0	35.1	10.12	35.0	10.64	34.9	11.15	34.8	11.41	34.8	11.7	34.7	12.2
	-10.5	-11.0	36.7	10.54	36.6	11.03	36.5	11.52	36.4	11.8	36.4	12.0	36.3	12.5
	-9.5	-10.0	37.5	10.75	37.4	11.23	37.3	11.7	37.3	11.9	37.2	12.2	37.1	12.7
	-8.5	-9.1	38.3	10.94	38.2	11.40	38.1	11.9	38.1	12.1	38.0	12.3	37.9	12.8
	-7.0	-7.6	39.7	11.24	39.6	11.7	39.5	12.1	39.5	12.4	39.4	12.6	39.3	13.0
	-5.0	-5.6	41.7	11.6	41.6	12.1	41.5	12.5	41.4	12.7	41.4	12.9	41.3	13.4
	-3.0	-3.7	43.7	12.0	43.6	12.4	43.5	12.8	43.4	13.0	43.4	13.2	43.3	13.6
	0.0	-0.7	47.1	12.5	47.0	12.9	46.9	13.3	46.9	13.5	46.8	13.7	46.7	14.1
	3.0	2.2	50.7	13.0	50.6	13.4	50.5	13.7	50.4	13.9	50.4	14.1	50.3	14.4
	5.0	4.1	53.2	13.3	53.1	13.7	53.0	14.0	52.9	14.2	52.9	14.3	52.3	14.5
	7.0	6.0	55.8	13.6	55.7	13.9	55.6	14.3	55.6	14.4	55.5	14.6	52.3	13.6
	9.0	7.9	58.6	13.9	58.5	14.2	58.4	14.5	58.1	14.6	56.1	14.0	52.3	12.8
	11.0	9.8	61.5	14.2	61.3	14.5	60.0	14.3	58.1	13.7	56.1	13.2	52.3	12.1
	13.0	11.8	64.6	14.4	63.9	14.5	60.0	13.4	58.1	12.9	56.1	12.4	52.3	11.4
	15.0	13.7	67.7	14.6	63.9	13.6	60.0	12.7	58.1	12.2	56.1	11.7	52.3	10.8
110% (440)	-19.8	-20.0	30.4	9.55	30.3	10.09	30.2	10.64	30.1	10.91	30.1	11.19	30.0	11.73
	-18.8	-19.0	30.9	9.73	30.8	10.27	30.7	10.80	30.7	11.07	30.6	11.34	30.5	11.88
	-16.7	-17.0	32.1	10.10	32.0	10.62	31.9	11.14	31.9	11.39	31.8	11.65	31.7	12.2
	-14.7	-15.0	33.5	10.49	33.4	10.98	33.3	11.48	33.2	11.72	33.2	12.0	33.1	12.5
	-12.6	-13.0	34.9	10.88	34.8	11.35	34.7	11.8	34.7	12.1	34.6	12.3	34.5	12.8
	-10.5	-11.0	36.5	11.26	36.4	11.7	36.3	12.2	36.3	12.4	36.2	12.6	36.1	13.1
	-9.5	-10.0	37.4	11.45	37.3	11.9	37.2	12.3	37.1	12.6	37.1	12.8	37.0	13.2
	-8.5	-9.1	38.2	11.6	38.1	12.1	38.0	12.5	37.9	12.7	37.9	12.9	37.8	13.3
	-7.0	-7.6	39.6	11.9	39.5	12.3	39.4	12.7	39.3	12.9	39.3	13.1	39.2	13.6
	-5.0	-5.6	41.6	12.3	41.5	12.7	41.4	13.1	41.3	13.2	41.3	13.4	41.2	13.8
	-3.0	-3.7	43.6	12.6	43.5	13.0	43.4	13.3	43.3	13.5	43.3	13.7	43.2	14.1
	0.0	-0.7	47.0	13.1	46.9	13.4	46.8	13.8	46.7	14.0	46.7	14.1	46.6	14.5
	3.0	2.2	50.6	13.6	50.5	13.9	50.4	14.2	50.3	14.4	50.3	14.5	47.9	13.8
	5.0	4.1	53.1	13.8	53.0	14.1	52.9	14.4	52.8	14.6	51.5	14.2	47.9	13.0
	7.0	6.0	55.7	14.1	55.6	14.4	55.0	14.5	53.2	13.9	51.5	13.4	47.9	12.3
	9.0	7.9	58.4	14.3	58.3	14.6	55.0	13.6	53.2	13.1	51.5	12.6	47.9	11.6
	11.0	9.8	61.3	14.6	58.5	13.8	55.0	12.8	53.2	12.4	51.5	11.9	47.9	10.9
	13.0	11.8	62.1	14.0	58.5	13.0	55.0	12.1	53.2	11.6	51.5	11.2	47.9	10.3
	15.0	13.7	62.1	13.2	58.5	12.3	55.0	11.4	53.2	11.0	51.5	10.6	47.9	9.8
100% (400)	-19.8	-20.0	30.2	10.42	30.1	10.92	30.0	11.41	30.0	11.66	29.9	11.91	29.9	12.4
	-18.8	-19.0	30.8	10.59	30.7	11.07	30.6	11.56	30.5	11.80	30.5	12.05	30.4	12.5
	-16.7	-17.0	32.0	10.93	31.9	11.40	31.8	11.86	31.7	12.1	31.7	12.3	31.6	12.8
	-14.7	-15.0	33.3	11.28	33.2	11.73	33.1	12.2	33.1	12.4	33.0	12.6	32.9	13.1
	-12.6	-13.0	34.8	11.63	34.7	12.1	34.6	12.5	34.6	12.7	34.5	12.9	34.4	13.3
	-10.5	-11.0	36.4	12.0	36.3	12.4	36.2	12.8	36.2	13.0	36.1	13.2	36.0	13.6
	-9.5	-10.0	37.2	12.2	37.1	12.6	37.1	13.0	37.0	13.2	37.0	13.4	36.9	13.8
	-8.5	-9.1	38.0	12.3	37.9	12.7	37.9	13.1	37.8	13.3	37.8	13.5	37.7	13.9
	-7.0	-7.6	39.4	12.6	39.3	12.9	39.3	13.3	39.2	13.5	39.2	13.7	39.1	14.1
	-5.0	-5.6	41.4	12.9	41.3	13.3	41.2	13.6	41.2	13.8	41.1	14.0	41.0	14.3
	-3.0	-3.7	43.4	13.2	43.3	13.5	43.2	13.9	43.2	14.1	43.1	14.2	43.1	14.6
	0.0	-0.7	46.8	13.7	46.7	14.0	46.6	14.3	46.6	14.4	46.5	14.6	43.6	13.5
	3.0	2.2	50.4	14.1	50.3	14.4	50.0	14.5	48.4	14.0	46.8	13.4	43.6	12.3
	5.0	4.1	52.9	14.3	52.8	14.6	50.0	13.7	48.4	13.2	46.8	12.6	43.6	11.6
	7.0	6.0	55.5	14.6	53.2	13.9	50.0	12.9	48.4	12.4	46.8	11.9	43.6	11.0
	9.0	7.9	56.4	14.1	53.2	13.1	50.0	12.2	48.4	11.7	46.8	11.3	43.6	10.4
	11.0	9.8	56.4	13.2	53.2	12.4	50.0	11.5	48.4	11.1	46.8	10.6	43.6	9.8
	13.0	11.8	56.4	12.5	53.2	11.6	50.0	10.8	48.4	10.4	46.8	10.0	43.6	9.3
	15.0	13.7	56.4	11.8	53.2	11.0	50.0	10.2	48.4	9.9	46.8	9.5	43.6	8.78

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (360)	-19.8	-20.0	30.1	11.29	30.0	11.74	29.9	12.19	29.9	12.4	29.8	12.6	29.7	13.1
	-18.8	-19.0	30.6	11.44	30.5	11.88	30.4	12.3	30.4	12.5	30.4	12.8	30.3	13.2
	-16.7	-17.0	31.8	11.75	31.7	12.2	31.6	12.6	31.6	12.8	31.6	13.0	31.5	13.4
	-14.7	-15.0	33.1	12.1	33.1	12.5	33.0	12.9	32.9	13.1	32.9	13.3	32.8	13.7
	-12.6	-13.0	34.6	12.4	34.5	12.8	34.5	13.2	34.4	13.3	34.4	13.5	34.3	13.9
	-10.5	-11.0	36.2	12.7	36.1	13.1	36.1	13.4	36.0	13.6	36.0	13.8	35.9	14.2
	-9.5	-10.0	37.1	12.9	37.0	13.2	36.9	13.6	36.9	13.8	36.8	13.9	36.8	14.3
	-8.5	-9.1	37.9	13.0	37.8	13.3	37.7	13.7	37.7	13.9	37.6	14.1	37.6	14.4
	-7.0	-7.6	39.3	13.2	39.2	13.6	39.1	13.9	39.1	14.1	39.0	14.2	39.0	14.6
	-5.0	-5.6	41.2	13.5	41.2	13.8	41.1	14.2	41.0	14.3	41.0	14.5	39.2	13.9
	-3.0	-3.7	43.2	13.8	43.2	14.1	43.1	14.4	43.1	14.6	42.1	14.2	39.2	13.1
	0.0	-0.7	46.7	14.2	46.6	14.5	45.0	14.0	43.6	13.5	42.1	13.0	39.2	11.9
	3.0	2.2	50.2	14.6	47.9	13.8	45.0	12.8	43.6	12.3	42.1	11.8	39.2	10.9
	5.0	4.1	50.8	14.0	47.9	13.0	45.0	12.1	43.6	11.6	42.1	11.2	39.2	10.3
	7.0	6.0	50.8	13.1	47.9	12.3	45.0	11.4	43.6	11.0	42.1	10.6	39.2	9.7
	9.0	7.9	50.8	12.4	47.9	11.6	45.0	10.8	43.6	10.4	42.1	10.0	39.2	9.21
	11.0	9.8	50.8	11.7	47.9	10.9	45.0	10.2	43.6	9.8	42.1	9.4	39.2	8.73
	13.0	11.8	50.8	11.0	47.9	10.3	45.0	9.6	43.6	9.3	42.1	8.92	39.2	8.25
	15.0	13.7	50.8	10.4	47.9	9.8	45.0	9.1	43.6	8.78	42.1	8.46	39.2	7.83
80% (320)	-19.8	-20.0	29.9	12.17	29.8	12.6	29.8	13.0	29.7	13.2	29.7	13.4	29.6	13.8
	-18.8	-19.0	30.4	12.3	30.4	12.7	30.3	13.1	30.3	13.3	30.2	13.5	30.2	13.9
	-16.7	-17.0	31.7	12.6	31.6	12.9	31.5	13.3	31.5	13.5	31.4	13.7	31.4	14.1
	-14.7	-15.0	33.0	12.9	32.9	13.2	32.8	13.6	32.8	13.8	32.8	13.9	32.7	14.3
	-12.6	-13.0	34.5	13.1	34.4	13.5	34.3	13.8	34.3	14.0	34.3	14.2	34.2	14.5
	-10.5	-11.0	36.1	13.4	36.0	13.7	35.9	14.1	35.9	14.2	35.9	14.4	34.9	14.1
	-9.5	-10.0	36.9	13.6	36.9	13.9	36.8	14.2	36.8	14.4	36.7	14.5	34.9	13.7
	-8.5	-9.1	37.7	13.7	37.7	14.0	37.6	14.3	37.6	14.5	37.4	14.6	34.9	13.4
	-7.0	-7.6	39.1	13.9	39.0	14.2	39.0	14.5	38.7	14.5	37.4	13.9	34.9	12.8
	-5.0	-5.6	41.1	14.2	41.0	14.4	40.0	14.2	38.7	13.6	37.4	13.1	34.9	12.0
	-3.0	-3.7	43.1	14.4	42.6	14.4	40.0	13.4	38.7	12.9	37.4	12.4	34.9	11.4
	0.0	-0.7	45.1	14.1	42.6	13.1	40.0	12.2	38.7	11.7	37.4	11.3	34.9	10.4
	3.0	2.2	45.1	12.9	42.6	12.0	40.0	11.2	38.7	10.7	37.4	10.3	34.9	9.54
	5.0	4.1	45.1	12.1	42.6	11.3	40.0	10.5	38.7	10.1	37.4	9.77	34.9	9.02
	7.0	6.0	45.1	11.4	42.6	10.7	40.0	10.0	38.7	9.59	37.4	9.24	34.9	8.54
	9.0	7.9	45.1	10.8	42.6	10.1	40.0	9.42	38.7	9.08	37.4	8.75	34.9	8.10
	11.0	9.8	45.1	10.2	42.6	9.6	40.0	8.92	38.7	8.60	37.4	8.29	34.9	7.69
	13.0	11.8	45.1	9.6	42.6	9.03	40.0	8.43	38.7	8.14	37.4	7.85	34.9	7.28
	15.0	13.7	45.1	9.1	42.6	8.56	40.0	8.00	38.7	7.73	37.4	7.46	34.9	6.92
70% (280)	-19.8	-20.0	29.7	13.0	29.7	13.4	29.6	13.7	29.6	13.9	29.6	14.1	29.5	14.4
	-18.8	-19.0	30.3	13.2	30.2	13.5	30.2	13.8	30.1	14.0	30.1	14.2	30.0	14.5
	-16.7	-17.0	31.5	13.4	31.4	13.7	31.4	14.1	31.3	14.2	31.3	14.4	30.5	14.2
	-14.7	-15.0	32.8	13.6	32.8	14.0	32.7	14.3	32.7	14.4	32.7	14.6	30.5	13.4
	-12.6	-13.0	34.3	13.9	34.2	14.2	34.2	14.5	33.9	14.5	32.8	13.9	30.5	12.7
	-10.5	-11.0	35.9	14.1	35.9	14.4	35.0	14.2	33.9	13.6	32.8	13.1	30.5	12.0
	-9.5	-10.0	36.8	14.3	36.7	14.5	35.0	13.8	33.9	13.3	32.8	12.7	30.5	11.7
	-8.5	-9.1	37.6	14.4	37.2	14.5	35.0	13.4	33.9	12.9	32.8	12.4	30.5	11.4
	-7.0	-7.6	39.0	14.5	37.2	13.8	35.0	12.8	33.9	12.3	32.8	11.9	30.5	10.9
	-5.0	-5.6	39.5	14.0	37.2	13.0	35.0	12.1	33.9	11.6	32.8	11.2	30.5	10.31
	-3.0	-3.7	39.5	13.2	37.2	12.3	35.0	11.4	33.9	11.0	32.8	10.6	30.5	9.76
	0.0	-0.7	39.5	12.0	37.2	11.2	35.0	10.4	33.9	10.06	32.8	9.68	30.5	8.94
	3.0	2.2	39.5	11.0	37.2	10.3	35.0	9.58	33.9	9.24	32.8	8.90	30.5	8.23
	5.0	4.1	39.5	10.4	37.2	9.71	35.0	9.06	33.9	8.74	32.8	8.43	30.5	7.81
	7.0	6.0	39.5	9.8	37.2	9.19	35.0	8.58	33.9	8.28	32.8	7.99	30.5	7.41
	9.0	7.9	39.5	9.28	37.2	8.70	35.0	8.13	33.9	7.85	32.8	7.58	30.5	7.03
	11.0	9.8	39.5	8.79	37.2	8.25	35.0	7.72	33.9	7.46	32.8	7.20	30.5	6.69
	13.0	11.8	39.5	8.32	37.2	7.81	35.0	7.31	33.9	7.07	32.8	6.82	30.5	6.35
	15.0	13.7	39.5	7.89	37.2	7.42	35.0	6.95	33.9	6.72	32.8	6.50	30.5	6.05
60% (240)	-19.8	-20.0	29.6	13.9	29.5	14.2	29.5	14.5	29.0	14.3	28.1	13.8	26.1	12.6
	-18.8	-19.0	30.1	14.0	30.1	14.3	30.0	14.6	29.0	14.0	28.1	13.4	26.1	12.3
	-16.7	-17.0	31.3	14.2	31.3	14.5	30.0	13.9	29.0	13.3	28.1	12.8	26.1	11.8
	-14.7	-15.0	32.7	14.4	31.9	14.2	30.0	13.2	29.0	12.7	28.1	12.2	26.1	11.2
	-12.6	-13.0	33.9	14.4	31.9	13.4	30.0	12.5	29.0	12.0	28.1	11.5	26.1	10.6
	-10.5	-11.0	33.9	13.6	31.9	12.7	30.0	11.8	29.0	11.4	28.1	10.9	26.1	10.08
	-9.5	-10.0	33.9	13.2	31.9	12.4	30.0	11.5	29.0	11.1	28.1	10.6	26.1	9.81
	-8.5	-9.1	33.9	12.9	31.9	12.0	30.0	11.2	29.0	10.8	28.1	10.4	26.1	9.57
	-7.0	-7.6	33.9	12.3	31.9	11.5	30.0	10.7	29.0	10.32	28.1	9.94	26.1	9.18
	-5.0	-5.6	33.9	11.6	31.9	10.9	30.0	10.12	29.0	9.75	28.1	9.39	26.1	8.68
	-3.0	-3.7	33.9	11.0	31.9	10.27	30.0	9.58	29.0	9.23	28.1	8.89	26.1	8.23
	0.0	-0.7	33.9	10.05	31.9	9.41	30.0	8.78	29.0	8.47	28.1	8.17	26.1	7.57
	3.0	2.2	33.9	9.23	31.9	8.65	30.0	8.09	29.0	7.81	28.1	7.54	26.1	7.00
	5.0	4.1	33.9	8.74	31.9	8.20	30.0	7.67	29.0	7.41	28.1	7.15	26.1	6.65
	7.0	6.0	33.9	8.28	31.9	7.77	30.0	7.28	29.0	7.04	28.1	6.79	26.1	6.32
	9.0	7.9	33.9	7.85	31.9	7.38	30.0	6.91	29.0	6.69	28.1	6.46	26.1	6.02
	11.0	9.8	33.9	7.45	31.9	7.01	30.0	6.58	29.0	6.36	28.1	6.15	26.1	5.73
	13.0	11.8	33.9	7.06	31.9	6.65	30.0	6.24	29.0	6.04	28.1	5.85	26.1	5.45
	15.0	13.7	33.9	6.72	31.9	6.33	30.0	5.95	29.0	5.76	28.1	5.58	26.1	5.21
50% (200)	-19.8	-20.0	28.2	13.8	26.6	12.9	25.0	12.0	24.2	11.5	23.4	11.1	21.8	10.2
	-18.8	-19.0	28.2	13.5	26.6	12.6	25.0	11.7	24.2	11.3	23.4	10.8	21.8	10.0
	-16.7	-17.0	28.2	12.9	26.6	12.0	25.0	11.2	24.2	10.8	23.4	10.4	21.8	9.55
	-14.7	-15.0	28.2	12.2	26.6	11.4	25.0	10.6	24.2	10.2	23.4	9.86	21.8	9.11
	-12.6	-13.0	28.2	11.6	26.6	10.8	25.0	10.10	24.2	9.74	23.4	9.38	21.8	8.67
	-10.5	-11.0	28.2	11.0	26.6	10.3	25.0	9.58	24.2	9.24	23.4	8.90	21.8	8.24
	-9.5	-10.0	28.2	10.7	26.6	10.00	25.0	9.33	24.2	8.99	23.4	8.67	21.8	8.02
	-8.5	-9.1	28.2	10.4	26.6	9.76	25.0	9.10	24.2	8.78	23.4	8.46	21.8	7.84
	-7.0	-7.6	28.2	9.99	26.6	9.36	25.0	8.73	24.2	8.43	23.4	8.13	21.8	7.53
	-5.0	-5.6	28.2	9.44	26.6	8.85	25.0	8.27	24.2	7.98	23.4	7.70	21.8	7.14
	-3.0	-3.7	28.2	8.94	26.6	8.39	25.0	7.84	24.2	7.58	23.4	7.31	21.8	6.79
	0.0	-0.7	28.2	8.21	26.6	7.72	25.0	7.23	24.2	6.98	23.4	6.75	21.8	6.28
	3.0	2.2	28.2	7.58	26.6	7.12	25.0	6.68	24.2	6.46	23.4	6.25	21.8	5.82
	5.0	4.1	28.2	7.19	26.6	6.77	25.0	6.35	24.2	6.15	23.4	5.94	21.8	5.54
	7.0	6.0	28.2	6.83	26.6	6.43	25.0	6.04	24.2	5.85	23.4	5.66	21.8	5.29
	9.0	7.9	28.2	6.49	26.6	6.12	25.0	5.76	24.2	5.58	23.4	5.40	21.8	5.05
	11.0	9.8	28.2	6.18	26.6	5.83	25.0	5.49	24.2	5.32	23.4	5.15	21.8	4.82
	13.0	11.8	28.2	5.87	26.6	5.55	25.0	5.23	24.2	5.07	23.4	4.91	21.8	4.60
	15.0	13.7	28.2	5.60	26.6	5.30	25.0	4.99	24.2	4.84	23.4	4.70	21.8	4.40

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ18PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	-19.8	-20.0	31.4	6.62	31.3	7.38	31.2	8.14	31.1	8.52	31.1	8.90	30.9	9.7
	-18.8	-19.0	32.0	6.87	31.9	7.62	31.8	8.37	31.7	8.74	31.6	9.1	31.5	9.9
	-16.7	-17.0	33.2	7.40	33.1	8.11	33.0	8.83	32.9	9.2	32.8	9.6	32.7	10.3
	-14.7	-15.0	34.6	7.93	34.5	8.62	34.3	9.3	34.3	9.7	34.2	10.0	34.1	10.7
	-12.6	-13.0	36.1	8.48	36.0	9.1	35.8	9.8	35.8	10.1	35.7	10.5	35.6	11.1
	-10.5	-11.0	37.7	9.0	37.6	9.6	37.5	10.3	37.4	10.6	37.3	10.9	37.2	11.5
	-9.5	-10.0	38.6	9.3	38.5	9.9	38.3	10.5	38.3	10.8	38.2	11.1	38.1	11.7
	-8.5	-9.1	39.4	9.5	39.3	10.1	39.2	10.7	39.1	11.0	39.0	11.3	38.9	11.9
	-7.0	-7.6	40.8	9.9	40.7	10.5	40.6	11.1	40.5	11.4	40.4	11.7	40.3	12.2
	-5.0	-5.6	42.8	10.4	42.7	11.0	42.6	11.5	42.5	11.8	42.5	12.1	42.3	12.6
	-3.0	-3.7	44.9	10.9	44.8	11.4	44.6	11.9	44.6	12.2	44.5	12.5	44.4	13.0
	0.0	-0.7	48.4	11.6	48.2	12.1	48.1	12.6	48.0	12.8	48.0	13.1	47.8	13.5
	3.0	2.2	52.0	12.2	51.9	12.7	51.7	13.1	51.7	13.4	51.6	13.6	51.5	14.0
	5.0	4.1	54.5	12.6	54.4	13.1	54.3	13.5	54.2	13.7	54.2	13.9	54.0	14.4
	7.0	6.0	57.2	13.0	57.1	13.4	57.0	13.8	56.9	14.0	56.8	14.2	56.7	14.6
	9.0	7.9	60.0	13.4	59.9	13.8	59.8	14.2	59.7	14.3	59.6	14.5	59.5	14.9
	11.0	9.8	62.9	13.7	62.8	14.1	62.7	14.5	62.6	14.6	62.6	14.8	62.4	15.2
	13.0	11.8	66.2	14.1	66.0	14.4	65.9	14.8	65.8	14.9	65.8	15.1	64.0	14.9
	15.0	13.7	69.3	14.4	69.2	14.7	69.1	15.0	69.0	15.2	68.7	15.3	64.0	14.1
120% (540)	-19.8	-20.0	31.3	7.65	31.2	8.35	31.0	9.05	31.0	9.4	30.9	9.8	30.8	10.5
	-18.8	-19.0	31.8	7.88	31.7	8.57	31.6	9.3	31.5	9.6	31.5	9.9	31.4	10.6
	-16.7	-17.0	33.1	8.37	32.9	9.0	32.8	9.7	32.8	10.0	32.7	10.4	32.6	11.0
	-14.7	-15.0	34.4	8.9	34.3	9.5	34.2	10.1	34.1	10.5	34.1	10.8	33.9	11.4
	-12.6	-13.0	35.9	9.4	35.8	10.0	35.7	10.6	35.6	10.9	35.6	11.2	35.4	11.8
	-10.5	-11.0	37.6	9.9	37.4	10.4	37.3	11.0	37.3	11.3	37.2	11.6	37.1	12.2
	-9.5	-10.0	38.4	10.1	38.3	10.7	38.2	11.2	38.1	11.5	38.1	11.8	38.0	12.4
	-8.5	-9.1	39.2	10.3	39.1	10.9	39.0	11.4	38.9	11.7	38.9	12.0	38.8	12.6
	-7.0	-7.6	40.7	10.7	40.5	11.2	40.4	11.8	40.4	12.0	40.3	12.3	40.2	12.8
	-5.0	-5.6	42.7	11.2	42.6	11.7	42.4	12.2	42.4	12.4	42.3	12.7	42.2	13.2
	-3.0	-3.7	44.7	11.6	44.6	12.1	44.5	12.6	44.4	12.8	44.3	13.1	44.2	13.5
	0.0	-0.7	48.2	12.3	48.1	12.7	47.9	13.2	47.9	13.4	47.8	13.6	47.7	14.1
	3.0	2.2	51.8	12.9	51.7	13.3	51.6	13.7	51.5	13.9	51.5	14.1	51.3	14.5
	5.0	4.1	54.4	13.2	54.3	13.6	54.1	14.0	54.1	14.2	54.0	14.4	53.9	14.8
	7.0	6.0	57.0	13.6	56.9	13.9	56.8	14.3	56.7	14.5	56.7	14.7	56.6	15.1
	9.0	7.9	59.8	13.9	59.7	14.3	59.6	14.6	59.5	14.8	59.5	15.0	59.1	15.2
	11.0	9.8	62.8	14.2	62.6	14.6	62.5	14.9	62.5	15.1	62.4	15.2	59.1	14.4
	13.0	11.8	66.0	14.5	65.9	14.9	65.7	15.2	65.6	15.3	63.4	14.7	59.1	13.5
	15.0	13.7	69.2	14.8	69.0	15.1	67.8	15.0	65.6	14.5	63.4	13.9	59.1	12.8
110% (495)	-19.8	-20.0	31.1	8.67	31.0	9.3	30.9	10.0	30.8	10.3	30.8	10.6	30.7	11.2
	-18.8	-19.0	31.7	8.89	31.6	9.5	31.4	10.2	31.4	10.5	31.3	10.8	31.2	11.4
	-16.7	-17.0	32.9	9.3	32.8	9.9	32.7	10.6	32.6	10.9	32.6	11.2	32.4	11.8
	-14.7	-15.0	34.2	9.8	34.1	10.4	34.0	11.0	34.0	11.2	33.9	11.5	33.8	12.1
	-12.6	-13.0	35.7	10.3	35.6	10.8	35.5	11.4	35.5	11.6	35.4	11.9	35.3	12.5
	-10.5	-11.0	37.4	10.7	37.3	11.2	37.2	11.8	37.1	12.0	37.1	12.3	36.9	12.8
	-9.5	-10.0	38.3	10.9	38.1	11.5	38.0	12.0	38.0	12.2	37.9	12.5	37.8	13.0
	-8.5	-9.1	39.1	11.1	39.0	11.7	38.8	12.2	38.8	12.4	38.7	12.7	38.6	13.2
	-7.0	-7.6	40.5	11.5	40.4	12.0	40.3	12.5	40.2	12.7	40.2	12.9	40.0	13.4
	-5.0	-5.6	42.5	11.9	42.4	12.4	42.3	12.8	42.2	13.1	42.2	13.3	42.1	13.8
	-3.0	-3.7	44.5	12.3	44.4	12.8	44.3	13.2	44.3	13.4	44.2	13.6	44.1	14.1
	0.0	-0.7	48.0	12.9	47.9	13.3	47.8	13.7	47.7	13.9	47.7	14.2	47.6	14.6
	3.0	2.2	51.7	13.5	51.5	13.8	51.4	14.2	51.4	14.4	51.3	14.6	51.2	15.0
	5.0	4.1	54.2	13.8	54.1	14.2	54.0	14.5	53.9	14.7	53.9	14.9	53.8	15.3
	7.0	6.0	56.9	14.1	56.8	14.5	56.7	14.8	56.6	15.0	56.5	15.2	54.2	14.5
	9.0	7.9	59.7	14.4	59.6	14.8	59.5	15.1	59.4	15.2	58.2	14.9	54.2	13.7
	11.0	9.8	62.6	14.7	62.5	15.0	62.2	15.3	60.2	14.7	58.2	14.1	54.2	13.0
	13.0	11.8	65.8	15.0	65.7	15.3	62.2	14.4	60.2	13.8	58.2	13.3	54.2	12.2
	15.0	13.7	69.0	15.3	66.1	14.6	62.2	13.6	60.2	13.1	58.2	12.6	54.2	11.6
100% (450)	-19.8	-20.0	30.9	9.7	30.8	10.3	30.7	10.9	30.7	11.2	30.6	11.5	30.5	12.0
	-18.8	-19.0	31.5	9.9	31.4	10.5	31.3	11.0	31.2	11.3	31.2	11.6	31.1	12.2
	-16.7	-17.0	32.7	10.3	32.6	10.9	32.5	11.4	32.5	11.7	32.4	12.0	32.3	12.5
	-14.7	-15.0	34.1	10.7	34.0	11.3	33.9	11.8	33.8	12.0	33.8	12.3	33.7	12.8
	-12.6	-13.0	35.6	11.1	35.5	11.7	35.4	12.2	35.3	12.4	35.3	12.7	35.2	13.2
	-10.5	-11.0	37.2	11.6	37.1	12.0	37.0	12.5	37.0	12.8	36.9	13.0	36.8	13.5
	-9.5	-10.0	38.1	11.8	38.0	12.2	37.9	12.7	37.8	13.0	37.8	13.2	37.7	13.7
	-8.5	-9.1	38.9	12.0	38.8	12.4	38.7	12.9	38.6	13.1	38.6	13.3	38.5	13.8
	-7.0	-7.6	40.3	12.3	40.2	12.7	40.1	13.2	40.1	13.4	40.0	13.6	39.9	14.0
	-5.0	-5.6	42.3	12.7	42.2	13.1	42.1	13.5	42.1	13.7	42.0	13.9	41.9	14.4
	-3.0	-3.7	44.4	13.0	44.3	13.4	44.2	13.8	44.1	14.0	44.1	14.2	44.0	14.6
	0.0	-0.7	47.8	13.6	47.7	13.9	47.6	14.3	47.6	14.5	47.5	14.7	47.4	15.1
	3.0	2.2	51.5	14.1	51.4	14.4	51.3	14.8	51.2	14.9	51.2	15.1	49.2	14.6
	5.0	4.1	54.0	14.4	53.9	14.7	53.8	15.0	53.8	15.2	52.9	15.0	49.2	13.8
	7.0	6.0	56.7	14.7	56.6	15.0	56.5	15.3	54.7	14.7	52.9	14.1	49.2	13.0
	9.0	7.9	59.5	14.9	59.4	15.2	56.5	14.4	54.7	13.9	52.9	13.4	49.2	12.3
	11.0	9.8	62.4	15.2	60.1	14.7	56.5	13.6	54.7	13.1	52.9	12.6	49.2	11.6
	13.0	11.8	63.8	14.8	60.1	13.8	56.5	12.9	54.7	12.4	52.9	11.9	49.2	11.0
	15.0	13.7	63.8	14.0	60.1	13.1	56.5	12.2	54.7	11.7	52.9	11.3	49.2	10.4

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (405)	-19.8	-20.0	30.7	10.7	30.7	11.3	30.6	11.8	30.5	12.0	30.5	12.3	30.4	12.8
	-18.8	-19.0	31.3	10.9	31.2	11.4	31.1	11.9	31.1	12.2	31.0	12.5	31.0	13.0
	-16.7	-17.0	32.5	11.3	32.4	11.8	32.4	12.3	32.3	12.5	32.3	12.8	32.2	13.3
	-14.7	-15.0	33.9	11.7	33.8	12.1	33.7	12.6	33.7	12.8	33.6	13.1	33.5	13.6
	-12.6	-13.0	35.4	12.0	35.3	12.5	35.2	12.9	35.2	13.2	35.1	13.4	35.0	13.9
	-10.5	-11.0	37.0	12.4	36.9	12.8	36.9	13.3	36.8	13.5	36.8	13.7	36.7	14.2
	-9.5	-10.0	37.9	12.6	37.8	13.0	37.7	13.4	37.7	13.7	37.6	13.9	37.5	14.3
	-8.5	-9.1	38.7	12.8	38.6	13.2	38.5	13.6	38.5	13.8	38.5	14.0	38.4	14.4
	-7.0	-7.6	40.1	13.0	40.0	13.4	40.0	13.8	39.9	14.0	39.9	14.2	39.8	14.6
	-5.0	-5.6	42.1	13.4	42.1	13.8	42.0	14.2	41.9	14.4	41.9	14.5	41.8	14.9
	-3.0	-3.7	44.2	13.7	44.1	14.1	44.0	14.5	44.0	14.6	43.9	14.8	43.8	15.2
	0.0	-0.7	47.7	14.2	47.6	14.6	47.5	14.9	47.4	15.1	47.4	15.2	44.3	14.1
	3.0	2.2	51.3	14.7	51.2	15.0	50.9	15.2	49.2	14.6	47.6	14.0	44.3	12.9
	5.0	4.1	53.9	15.0	53.8	15.3	50.9	14.3	49.2	13.8	47.6	13.2	44.3	12.2
	7.0	6.0	56.5	15.2	54.1	14.5	50.9	13.5	49.2	13.0	47.6	12.5	44.3	11.5
	9.0	7.9	57.4	14.7	54.1	13.7	50.9	12.8	49.2	12.3	47.6	11.8	44.3	10.9
	11.0	9.8	57.4	13.9	54.1	13.0	50.9	12.1	49.2	11.6	47.6	11.2	44.3	10.4
	13.0	11.8	57.4	13.1	54.1	12.2	50.9	11.4	49.2	11.0	47.6	10.6	44.3	9.8
	15.0	13.7	57.4	12.4	54.1	11.6	50.9	10.8	49.2	10.4	47.6	10.1	44.3	9.31
80% (360)	-19.8	-20.0	30.6	11.8	30.5	12.2	30.4	12.7	30.4	12.9	30.3	13.2	30.3	13.6
	-18.8	-19.0	31.1	11.9	31.1	12.4	31.0	12.8	30.9	13.1	30.9	13.3	30.8	13.8
	-16.7	-17.0	32.4	12.2	32.3	12.7	32.2	13.1	32.2	13.3	32.1	13.6	32.0	14.0
	-14.7	-15.0	33.7	12.6	33.6	13.0	33.6	13.4	33.5	13.6	33.5	13.9	33.4	14.3
	-12.6	-13.0	35.2	12.9	35.1	13.3	35.1	13.7	35.0	13.9	35.0	14.1	34.9	14.5
	-10.5	-11.0	36.9	13.3	36.8	13.6	36.7	14.0	36.7	14.2	36.6	14.4	36.5	14.8
	-9.5	-10.0	37.7	13.4	37.7	13.8	37.6	14.2	37.5	14.4	37.5	14.6	37.4	14.9
	-8.5	-9.1	38.5	13.6	38.5	13.9	38.4	14.3	38.3	14.5	38.3	14.7	38.2	15.1
	-7.0	-7.6	40.0	13.8	39.9	14.2	39.8	14.5	39.8	14.7	39.7	14.9	39.4	15.1
	-5.0	-5.6	42.0	14.1	41.9	14.5	41.8	14.8	41.8	15.0	41.7	15.2	39.4	14.2
	-3.0	-3.7	44.0	14.4	43.9	14.8	43.9	15.1	43.7	15.2	42.3	14.6	39.4	13.4
	0.0	-0.7	47.5	14.9	47.4	15.2	45.2	14.4	43.7	13.9	42.3	13.3	39.4	12.3
	3.0	2.2	51.0	15.2	48.1	14.2	45.2	13.2	43.7	12.7	42.3	12.2	39.4	11.3
	5.0	4.1	51.0	14.4	48.1	13.4	45.2	12.5	43.7	12.0	42.3	11.6	39.4	10.7
	7.0	6.0	51.0	13.6	48.1	12.7	45.2	11.8	43.7	11.4	42.3	11.0	39.4	10.1
	9.0	7.9	51.0	12.8	48.1	12.0	45.2	11.2	43.7	10.8	42.3	10.4	39.4	9.61
	11.0	9.8	51.0	12.1	48.1	11.3	45.2	10.6	43.7	10.2	42.3	9.8	39.4	9.12
	13.0	11.8	51.0	11.4	48.1	10.7	45.2	10.0	43.7	9.7	42.3	9.32	39.4	8.65
	15.0	13.7	51.0	10.8	48.1	10.2	45.2	9.5	43.7	9.19	42.3	8.86	39.4	8.23
70% (315)	-19.8	-20.0	30.4	12.8	30.3	13.2	30.3	13.6	30.2	13.8	30.2	14.0	30.1	14.4
	-18.8	-19.0	31.0	12.9	30.9	13.3	30.8	13.7	30.8	13.9	30.8	14.1	30.7	14.5
	-16.7	-17.0	32.2	13.2	32.1	13.6	32.0	14.0	32.0	14.2	32.0	14.4	31.9	14.8
	-14.7	-15.0	33.5	13.5	33.5	13.9	33.4	14.3	33.4	14.4	33.3	14.6	33.3	15.0
	-12.6	-13.0	35.0	13.8	35.0	14.2	34.9	14.5	34.9	14.7	34.8	14.9	34.5	15.0
	-10.5	-11.0	36.7	14.1	36.6	14.4	36.5	14.8	36.5	15.0	36.5	15.1	34.5	14.2
	-9.5	-10.0	37.6	14.3	37.5	14.6	37.4	14.9	37.4	15.1	37.0	15.0	34.5	13.8
	-8.5	-9.1	38.4	14.4	38.3	14.7	38.2	15.0	38.2	15.2	37.0	14.6	34.5	13.5
	-7.0	-7.6	39.8	14.6	39.7	14.9	39.6	15.2	38.3	14.6	37.0	14.0	34.5	12.9
	-5.0	-5.6	41.8	14.9	41.7	15.2	39.6	14.3	38.3	13.8	37.0	13.2	34.5	12.2
	-3.0	-3.7	43.8	15.1	42.1	14.5	39.6	13.5	38.3	13.0	37.0	12.5	34.5	11.5
	0.0	-0.7	44.6	14.2	42.1	13.3	39.6	12.4	38.3	11.9	37.0	11.5	34.5	10.59
	3.0	2.2	44.6	13.0	42.1	12.2	39.6	11.3	38.3	10.9	37.0	10.5	34.5	9.76
	5.0	4.1	44.6	12.3	42.1	11.5	39.6	10.7	38.3	10.4	37.0	9.99	34.5	9.25
	7.0	6.0	44.6	11.6	42.1	10.9	39.6	10.2	38.3	9.82	37.0	9.47	34.5	8.78
	9.0	7.9	44.6	11.0	42.1	10.3	39.6	9.65	38.3	9.32	37.0	8.99	34.5	8.35
	11.0	9.8	44.6	10.4	42.1	9.8	39.6	9.16	38.3	8.85	37.0	8.54	34.5	7.94
	13.0	11.8	44.6	9.9	42.1	9.28	39.6	8.69	38.3	8.39	37.0	8.11	34.5	7.54
	15.0	13.7	44.6	9.4	42.1	8.82	39.6	8.26	38.3	7.99	37.0	7.72	34.5	7.19
60% (270)	-19.8	-20.0	30.2	13.8	30.2	14.2	30.1	14.5	30.1	14.7	30.0	14.9	29.5	14.9
	-18.8	-19.0	30.8	13.9	30.7	14.3	30.7	14.6	30.6	14.8	30.6	15.0	29.5	14.5
	-16.7	-17.0	32.0	14.2	32.0	14.5	31.9	14.8	31.9	15.0	31.7	15.1	29.5	13.9
	-14.7	-15.0	33.4	14.4	33.3	14.8	33.3	15.1	32.8	14.9	31.7	14.4	29.5	13.2
	-12.6	-13.0	34.9	14.7	34.8	15.0	33.9	14.7	32.8	14.2	31.7	13.6	29.5	12.5
	-10.5	-11.0	36.5	15.0	36.1	15.0	33.9	13.9	32.8	13.4	31.7	12.9	29.5	11.9
	-9.5	-10.0	37.4	15.1	36.1	14.6	33.9	13.6	32.8	13.1	31.7	12.6	29.5	11.6
	-8.5	-9.1	38.2	15.2	36.1	14.2	33.9	13.2	32.8	12.7	31.7	12.2	29.5	11.3
	-7.0	-7.6	38.3	14.6	36.1	13.6	33.9	12.7	32.8	12.2	31.7	11.7	29.5	10.84
	-5.0	-5.6	38.3	13.7	36.1	12.8	33.9	12.0	32.8	11.5	31.7	11.1	29.5	10.26
	-3.0	-3.7	38.3	13.0	36.1	12.2	33.9	11.3	32.8	10.92	31.7	10.52	29.5	9.74
	0.0	-0.7	38.3	11.9	36.1	11.1	33.9	10.40	32.8	10.03	31.7	9.67	29.5	8.97
	3.0	2.2	38.3	10.9	36.1	10.25	33.9	9.58	32.8	9.25	31.7	8.93	29.5	8.29
	5.0	4.1	38.3	10.4	36.1	9.72	33.9	9.09	32.8	8.78	31.7	8.48	29.5	7.88
	7.0	6.0	38.3	9.82	36.1	9.22	33.9	8.63	32.8	8.34	31.7	8.06	29.5	7.50
	9.0	7.9	38.3	9.31	36.1	8.75	33.9	8.21	32.8	7.93	31.7	7.67	29.5	7.14
	11.0	9.8	38.3	8.85	36.1	8.32	33.9	7.81	32.8	7.55	31.7	7.30	29.5	6.81
	13.0	11.8	38.3	8.39	36.1	7.90	33.9	7.42	32.8	7.18	31.7	6.94	29.5	6.48
	15.0	13.7	38.3	7.99	36.1	7.53	33.9	7.07	32.8	6.85	31.7	6.63	29.5	6.19
50% (225)	-19.8	-20.0	30.1	14.8	30.0	15.1	28.3	14.1	27.3	13.6	26.4	13.0	24.6	12.0
	-18.8	-19.0	30.6	14.9	30.1	14.8	28.3	13.8	27.3	13.3	26.4	12.8	24.6	11.8
	-16.7	-17.0	31.8	15.2	30.1	14.2	28.3	13.2	27.3	12.7	26.4	12.2	24.6	11.3
	-14.7	-15.0	31.9	14.4	30.1	13.5	28.3	12.5	27.3	12.1	26.4	11.6	24.6	10.74
	-12.6	-13.0	31.9	13.7	30.1	12.8	28.3	11.9	27.3	11.5	26.4	11.06	24.6	10.23
	-10.5	-11.0	31.9	13.0	30.1	12.1	28.3	11.3	27.3	10.91	26.4	10.51	24.6	9.72
	-9.5	-10.0	31.9	12.6	30.1	11.8	28.3	11.01	27.3	10.62	26.4	10.23	24.6	9.48
	-8.5	-9.1	31.9	12.3	30.1	11.5	28.3	10.75	27.3	10.37	26.4	9.99	24.6	9.26
	-7.0	-7.6	31.9	11.8	30.1	11.06	28.3	10.32	27.3	9.96	26.4	9.60	24.6	8.90
	-5.0	-5.6	31.9	11.2	30.1	10.46	28.3	9.77	27.3	9.44	26.4	9.10	24.6	8.45
	-3.0	-3.7	31.9	10.58	30.1	9.92	28.3	9.28	27.3	8.96	26.4	8.65	24.6	8.04
	0.0	-0.7	31.9	9.73	30.1	9.13	28.3	8.55	27.3	8.27	26.4	7.99	24.6	7.43
	3.0	2.2	31.9	8.98	30.1	8.44	28.3	7.92	27.3	7.66	26.4	7.40	24.6	6.90
	5.0	4.1	31.9	8.52	30.1	8.02	28.3	7.53	27.3	7.29	26.4	7.05	24.6	6.57
	7.0	6.0	31.9	8.10	30.1	7.63	28.3	7.17	27.3	6.94	26.4	6.72	24.6	6.27
	9.0	7.9	31.9	7.71	30.1	7.26	28.3	6.83	27.3	6.62	26.4	6.41	24.6	5.99
	11.0	9.8	31.9	7.34	30.1	6.92	28.3	6.52	27.3	6.32	26.4	6.12	24.6	5.72
	13.0	11.8	31.9	6.98	30.1	6.59	28.3	6.21	27.3	6.02	26.4	5.83	24.6	5.46
	15.0	13.7	31.9	6.66	30.1	6.29	28.3	5.93	27.3	5.76	26.4	5.58	24.6	5.23

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ20PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	-19.8	-20.0	39.9	9.85	39.8	10.58	39.7	11.30	39.6	11.7	39.5	12.0	39.4	12.8
	-18.8	-19.0	40.9	10.16	40.7	10.87	40.6	11.6	40.5	11.9	40.4	12.3	40.3	13.0
	-16.7	-17.0	42.7	10.75	42.6	11.4	42.5	12.1	42.4	12.4	42.3	12.8	42.2	13.5
	-14.7	-15.0	44.7	11.32	44.6	12.0	44.5	12.6	44.4	12.9	44.3	13.3	44.2	13.9
	-12.6	-13.0	46.8	11.9	46.7	12.5	46.6	13.1	46.5	13.4	46.4	13.7	46.3	14.3
	-10.5	-11.0	49.1	12.4	48.9	13.0	48.8	13.6	48.7	13.9	48.6	14.1	48.5	14.7
	-9.5	-10.0	50.2	12.6	50.1	13.2	49.9	13.8	49.8	14.1	49.8	14.4	49.6	14.9
	-8.5	-9.1	51.3	12.9	51.1	13.4	51.0	14.0	50.9	14.3	50.8	14.5	50.7	15.1
	-7.0	-7.6	53.1	13.2	52.9	13.8	52.8	14.3	52.7	14.6	52.6	14.8	52.5	15.4
	-5.0	-5.6	55.5	13.7	55.4	14.2	55.3	14.7	55.2	15.0	55.1	15.2	55.0	15.7
	-3.0	-3.7	58.0	14.1	57.9	14.6	57.7	15.1	57.6	15.3	57.6	15.6	57.4	16.1
	0.0	-0.7	62.1	14.7	61.9	15.2	61.8	15.6	61.7	15.9	61.7	16.1	61.5	16.5
	3.0	2.2	66.3	15.2	66.1	15.7	66.0	16.1	65.9	16.3	65.8	16.5	65.7	17.0
	5.0	4.1	69.1	15.6	69.0	16.0	68.8	16.4	68.7	16.6	68.7	16.8	68.5	17.2
	7.0	6.0	72.1	15.9	71.9	16.3	71.8	16.7	71.7	16.9	71.6	17.1	70.8	17.2
	9.0	7.9	75.1	16.2	74.9	16.6	74.8	17.0	74.7	17.1	74.7	17.3	70.8	16.4
	11.0	9.8	78.2	16.5	78.1	16.9	77.9	17.2	77.9	17.4	76.0	17.0	70.8	15.5
	13.0	11.8	81.6	16.8	81.5	17.1	81.3	17.4	78.6	16.8	76.0	16.1	70.8	14.8
	15.0	13.7	85.0	17.0	84.8	17.4	81.3	16.6	78.6	15.9	76.0	15.3	70.8	14.1
120% (600)	-19.8	-20.0	39.8	10.83	39.6	11.50	39.5	12.2	39.4	12.5	39.4	12.8	39.2	13.5
	-18.8	-19.0	40.7	11.12	40.5	11.8	40.4	12.4	40.3	12.8	40.3	13.1	40.1	13.7
	-16.7	-17.0	42.6	11.7	42.4	12.3	42.3	12.9	42.2	13.2	42.2	13.5	42.0	14.2
	-14.7	-15.0	44.6	12.2	44.4	12.8	44.3	13.4	44.2	13.7	44.2	14.0	44.0	14.6
	-12.6	-13.0	46.7	12.7	46.5	13.3	46.4	13.8	46.3	14.1	46.3	14.4	46.1	15.0
	-10.5	-11.0	48.9	13.2	48.7	13.7	48.6	14.3	48.5	14.5	48.5	14.8	48.3	15.3
	-9.5	-10.0	50.0	13.4	49.9	13.9	49.7	14.5	49.7	14.7	49.6	15.0	49.5	15.5
	-8.5	-9.1	51.1	13.6	50.9	14.1	50.8	14.7	50.7	14.9	50.7	15.2	50.5	15.7
	-7.0	-7.6	52.9	14.0	52.7	14.5	52.6	14.9	52.5	15.2	52.5	15.4	52.3	15.9
	-5.0	-5.6	55.3	14.4	55.2	14.9	55.1	15.3	55.0	15.6	55.0	15.8	54.8	16.3
	-3.0	-3.7	57.8	14.8	57.7	15.2	57.5	15.7	57.5	15.9	57.4	16.1	57.3	16.6
	0.0	-0.7	61.9	15.3	61.8	15.7	61.6	16.2	61.6	16.4	61.5	16.6	61.4	17.0
	3.0	2.2	66.1	15.8	65.9	16.2	65.8	16.6	65.7	16.8	65.7	17.0	65.4	17.3
	5.0	4.1	68.9	16.1	68.8	16.5	68.7	16.9	68.6	17.1	68.5	17.3	65.4	16.4
	7.0	6.0	71.9	16.4	71.7	16.8	71.6	17.2	71.5	17.3	70.2	17.0	65.4	15.6
	9.0	7.9	74.9	16.7	74.8	17.1	74.6	17.4	72.6	16.9	70.2	16.2	65.4	14.8
	11.0	9.8	78.0	17.0	77.9	17.3	75.0	16.7	72.6	16.0	70.2	15.4	65.4	14.1
	13.0	11.8	81.4	17.2	79.8	17.1	75.0	15.8	72.6	15.2	70.2	14.6	65.4	13.4
	15.0	13.7	84.6	17.4	79.8	16.2	75.0	15.1	72.6	14.5	70.2	13.9	65.4	12.8
110% (550)	-19.8	-20.0	39.6	11.8	39.4	12.4	39.3	13.0	39.3	13.3	39.2	13.7	39.1	14.3
	-18.8	-19.0	40.5	12.1	40.3	12.7	40.2	13.3	40.2	13.6	40.1	13.9	40.0	14.5
	-16.7	-17.0	42.4	12.6	42.2	13.2	42.1	13.7	42.1	14.0	42.0	14.3	41.9	14.9
	-14.7	-15.0	44.4	13.1	44.2	13.6	44.1	14.2	44.1	14.4	44.0	14.7	43.9	15.2
	-12.6	-13.0	46.5	13.5	46.3	14.1	46.2	14.6	46.2	14.8	46.1	15.1	46.0	15.6
	-10.5	-11.0	48.7	14.0	48.5	14.5	48.4	15.0	48.4	15.2	48.3	15.5	48.2	16.0
	-9.5	-10.0	49.8	14.2	49.7	14.7	49.6	15.2	49.5	15.4	49.5	15.6	49.3	16.1
	-8.5	-9.1	50.9	14.4	50.7	14.9	50.6	15.3	50.6	15.6	50.5	15.8	50.4	16.3
	-7.0	-7.6	52.7	14.7	52.5	15.1	52.4	15.6	52.4	15.8	52.3	16.1	52.2	16.5
	-5.0	-5.6	55.2	15.1	55.0	15.5	54.9	15.9	54.9	16.2	54.8	16.4	54.7	16.8
	-3.0	-3.7	57.6	15.4	57.5	15.8	57.4	16.3	57.3	16.5	57.3	16.7	57.1	17.1
	0.0	-0.7	61.7	15.9	61.6	16.3	61.5	16.7	61.4	16.9	61.3	17.1	59.9	16.9
	3.0	2.2	65.9	16.4	65.7	16.8	65.6	17.1	65.6	17.3	64.3	17.0	59.9	15.6
	5.0	4.1	68.7	16.7	68.6	17.0	68.5	17.4	66.5	16.8	64.3	16.1	59.9	14.8
	7.0	6.0	71.7	17.0	71.5	17.3	68.8	16.6	66.5	16.0	64.3	15.3	59.9	14.1
	9.0	7.9	74.7	17.2	73.2	17.0	68.8	15.8	66.5	15.2	64.3	14.6	59.9	13.4
	11.0	9.8	77.6	17.4	73.2	16.2	68.8	15.0	66.5	14.4	64.3	13.9	59.9	12.8
	13.0	11.8	77.6	16.5	73.2	15.3	68.8	14.2	66.5	13.7	64.3	13.2	59.9	12.1
	15.0	13.7	77.6	15.7	73.2	14.6	68.8	13.6	66.5	13.1	64.3	12.6	59.9	11.6
100% (500)	-19.8	-20.0	39.4	12.8	39.3	13.4	39.1	13.9	39.1	14.2	39.0	14.5	38.9	15.0
	-18.8	-19.0	40.3	13.0	40.2	13.6	40.1	14.1	40.0	14.4	39.9	14.7	39.8	15.2
	-16.7	-17.0	42.2	13.5	42.1	14.0	41.9	14.5	41.9	14.8	41.8	15.1	41.7	15.6
	-14.7	-15.0	44.2	13.9	44.1	14.4	43.9	14.9	43.9	15.2	43.8	15.4	43.7	15.9
	-12.6	-13.0	46.3	14.4	46.2	14.8	46.0	15.3	46.0	15.5	45.9	15.8	45.8	16.3
	-10.5	-11.0	48.5	14.8	48.4	15.2	48.3	15.7	48.2	15.9	48.1	16.1	48.0	16.6
	-9.5	-10.0	49.6	15.0	49.5	15.4	49.4	15.8	49.3	16.1	49.3	16.3	49.2	16.7
	-8.5	-9.1	50.7	15.1	50.6	15.6	50.5	16.0	50.4	16.2	50.3	16.4	50.2	16.9
	-7.0	-7.6	52.5	15.4	52.4	15.8	52.3	16.2	52.2	16.5	52.1	16.7	52.0	17.1
	-5.0	-5.6	55.0	15.8	54.9	16.2	54.7	16.6	54.7	16.8	54.6	17.0	54.5	17.3
	-3.0	-3.7	57.4	16.1	57.3	16.5	57.2	16.8	57.2	17.0	57.1	17.2	54.5	16.4
	0.0	-0.7	61.5	16.6	61.4	16.9	61.3	17.3	60.5	17.1	58.5	16.4	54.5	15.1
	3.0	2.2	65.7	17.0	65.6	17.3	62.5	16.4	60.5	15.8	58.5	15.1	54.5	13.9
	5.0	4.1	68.5	17.3	66.5	16.8	62.5	15.6	60.5	15.0	58.5	14.4	54.5	13.2
	7.0	6.0	70.5	17.1	66.5	16.0	62.5	14.8	60.5	14.2	58.5	13.7	54.5	12.6
	9.0	7.9	70.5	16.3	66.5	15.2	62.5	14.1	60.5	13.5	58.5	13.0	54.5	12.0
	11.0	9.8	70.5	15.5	66.5	14.4	62.5	13.4	60.5	12.9	58.5	12.4	54.5	11.4
	13.0	11.8	70.5	14.7	66.5	13.7	62.5	12.7	60.5	12.3	58.5	11.8	54.5	10.9
	15.0	13.7	70.5	14.0	66.5	13.1	62.5	12.2	60.5	11.7	58.5	11.3	54.5	10.4

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (450)	-19.8	-20.0	39.2	13.8	39.1	14.3	39.0	14.8	38.9	15.0	38.9	15.3	38.8	15.8
	-18.8	-19.0	40.1	14.0	40.0	14.5	39.9	15.0	39.8	15.2	39.8	15.5	39.7	16.0
	-16.7	-17.0	42.0	14.4	41.9	14.9	41.8	15.3	41.7	15.6	41.7	15.8	41.6	16.3
	-14.7	-15.0	44.0	14.8	43.9	15.3	43.8	15.7	43.7	15.9	43.7	16.1	43.6	16.6
	-12.6	-13.0	46.1	15.2	46.0	15.6	45.9	16.0	45.8	16.3	45.8	16.5	45.7	16.9
	-10.5	-11.0	48.3	15.6	48.2	16.0	48.1	16.4	48.0	16.6	48.0	16.8	47.9	17.2
	-9.5	-10.0	49.4	15.7	49.3	16.1	49.2	16.5	49.2	16.7	49.1	16.9	49.0	17.3
	-8.5	-9.1	50.5	15.9	50.4	16.3	50.3	16.7	50.2	16.9	50.2	17.1	49.0	16.9
	-7.0	-7.6	52.3	16.1	52.2	16.5	52.1	16.9	52.0	17.1	52.0	17.3	49.0	16.1
	-5.0	-5.6	54.8	16.5	54.7	16.8	54.6	17.2	54.4	17.3	52.6	16.6	49.0	15.2
	-3.0	-3.7	57.2	16.8	57.1	17.1	56.3	17.1	54.4	16.4	52.6	15.7	49.0	14.4
	0.0	-0.7	61.3	17.2	59.9	16.9	56.3	15.7	54.4	15.1	52.6	14.5	49.0	13.3
	3.0	2.2	63.5	16.7	59.9	15.6	56.3	14.5	54.4	13.9	52.6	13.4	49.0	12.3
	5.0	4.1	63.5	15.9	59.9	14.8	56.3	13.7	54.4	13.2	52.6	12.7	49.0	11.7
	7.0	6.0	63.5	15.1	59.9	14.1	56.3	13.1	54.4	12.6	52.6	12.1	49.0	11.2
	9.0	7.9	63.5	14.3	59.9	13.4	56.3	12.4	54.4	12.0	52.6	11.5	49.0	10.7
	11.0	9.8	63.5	13.6	59.9	12.7	56.3	11.9	54.4	11.4	52.6	11.0	49.0	10.2
	13.0	11.8	63.5	13.0	59.9	12.1	56.3	11.3	54.4	10.9	52.6	10.5	49.0	9.7
	15.0	13.7	63.5	12.4	59.9	11.6	56.3	10.8	54.4	10.4	52.6	10.0	49.0	9.3
80% (400)	-19.8	-20.0	39.0	14.8	38.9	15.2	38.8	15.6	38.8	15.9	38.7	16.1	38.6	16.5
	-18.8	-19.0	39.9	14.9	39.8	15.4	39.7	15.8	39.7	16.0	39.6	16.3	39.5	16.7
	-16.7	-17.0	41.8	15.3	41.7	15.7	41.6	16.2	41.6	16.4	41.5	16.6	41.4	17.0
	-14.7	-15.0	43.8	15.7	43.7	16.1	43.6	16.5	43.6	16.7	43.5	16.9	43.4	17.3
	-12.6	-13.0	45.9	16.0	45.8	16.4	45.7	16.8	45.7	17.0	45.6	17.2	43.6	16.4
	-10.5	-11.0	48.1	16.3	48.0	16.7	47.9	17.1	47.9	17.3	46.8	16.8	43.6	15.4
	-9.5	-10.0	49.2	16.5	49.1	16.9	49.1	17.2	48.4	17.0	46.8	16.3	43.6	15.0
	-8.5	-9.1	50.3	16.6	50.2	17.0	50.0	17.3	48.4	16.6	46.8	15.9	43.6	14.6
	-7.0	-7.6	52.1	16.9	52.0	17.2	50.0	16.5	48.4	15.9	46.8	15.3	43.6	14.0
	-5.0	-5.6	54.6	17.2	53.2	16.8	50.0	15.6	48.4	15.0	46.8	14.4	43.6	13.3
	-3.0	-3.7	56.4	17.1	53.2	15.9	50.0	14.8	48.4	14.2	46.8	13.7	43.6	12.6
	0.0	-0.7	56.4	15.7	53.2	14.7	50.0	13.6	48.4	13.1	46.8	12.6	43.6	11.6
	3.0	2.2	56.4	14.5	53.2	13.5	50.0	12.6	48.4	12.1	46.8	11.7	43.6	10.8
	5.0	4.1	56.4	13.8	53.2	12.9	50.0	12.0	48.4	11.5	46.8	11.1	43.6	10.3
	7.0	6.0	56.4	13.1	53.2	12.3	50.0	11.4	48.4	11.0	46.8	10.6	43.6	9.8
	9.0	7.9	56.4	12.5	53.2	11.7	50.0	10.9	48.4	10.5	46.8	10.1	43.6	9.37
	11.0	9.8	56.4	11.9	53.2	11.1	50.0	10.4	48.4	10.0	46.8	9.7	43.6	8.96
	13.0	11.8	56.4	11.3	53.2	10.6	50.0	9.9	48.4	9.6	46.8	9.23	43.6	8.56
	15.0	13.7	56.4	10.8	53.2	10.2	50.0	9.5	48.4	9.16	46.8	8.84	43.6	8.20
70% (350)	-19.8	-20.0	38.8	15.7	38.7	16.1	38.6	16.5	38.6	16.7	38.6	16.9	38.1	17.1
	-18.8	-19.0	39.7	15.9	39.6	16.3	39.5	16.7	39.5	16.9	39.5	17.1	38.1	16.6
	-16.7	-17.0	41.6	16.2	41.5	16.6	41.4	17.0	41.4	17.1	40.9	17.0	38.1	15.6
	-14.7	-15.0	43.6	16.5	43.5	16.9	43.4	17.2	42.3	16.8	40.9	16.1	38.1	14.8
	-12.6	-13.0	45.7	16.9	45.6	17.2	43.8	16.4	42.3	15.8	40.9	15.2	38.1	13.9
	-10.5	-11.0	47.9	17.1	46.6	16.7	43.8	15.5	42.3	14.9	40.9	14.3	38.1	13.2
	-9.5	-10.0	49.0	17.3	46.6	16.3	43.8	15.1	42.3	14.5	40.9	13.9	38.1	12.8
	-8.5	-9.1	49.4	17.0	46.6	15.8	43.8	14.7	42.3	14.1	40.9	13.6	38.1	12.5
	-7.0	-7.6	49.4	16.3	46.6	15.2	43.8	14.1	42.3	13.5	40.9	13.0	38.1	12.0
	-5.0	-5.6	49.4	15.4	46.6	14.3	43.8	13.3	42.3	12.8	40.9	12.3	38.1	11.4
	-3.0	-3.7	49.4	14.6	46.6	13.6	43.8	12.6	42.3	12.2	40.9	11.7	38.1	10.8
	0.0	-0.7	49.4	13.4	46.6	12.5	43.8	11.7	42.3	11.2	40.9	10.8	38.1	10.0
	3.0	2.2	49.4	12.4	46.6	11.6	43.8	10.8	42.3	10.4	40.9	10.1	38.1	9.31
	5.0	4.1	49.4	11.8	46.6	11.1	43.8	10.3	42.3	10.0	40.9	9.59	38.1	8.89
	7.0	6.0	49.4	11.3	46.6	10.5	43.8	9.8	42.3	9.50	40.9	9.16	38.1	8.50
	9.0	7.9	49.4	10.7	46.6	10.1	43.8	9.41	42.3	9.08	40.9	8.76	38.1	8.13
	11.0	9.8	49.4	10.3	46.6	9.6	43.8	9.00	42.3	8.69	40.9	8.39	38.1	7.79
	13.0	11.8	49.4	9.8	46.6	9.18	43.8	8.59	42.3	8.30	40.9	8.02	38.1	7.46
	15.0	13.7	49.4	9.4	46.6	8.79	43.8	8.24	42.3	7.96	40.9	7.69	38.1	7.16
60% (300)	-19.8	-20.0	38.6	16.7	38.5	17.1	37.5	16.7	36.3	16.1	35.1	15.4	32.7	14.2
	-18.8	-19.0	39.5	16.9	39.4	17.2	37.5	16.2	36.3	15.6	35.1	15.0	32.7	13.8
	-16.7	-17.0	41.4	17.1	39.9	16.5	37.5	15.3	36.3	14.7	35.1	14.2	32.7	13.0
	-14.7	-15.0	42.3	16.7	39.9	15.6	37.5	14.5	36.3	13.9	35.1	13.4	32.7	12.3
	-12.6	-13.0	42.3	15.8	39.9	14.7	37.5	13.7	36.3	13.2	35.1	12.6	32.7	11.7
	-10.5	-11.0	42.3	14.9	39.9	13.9	37.5	12.9	36.3	12.4	35.1	12.0	32.7	11.0
	-9.5	-10.0	42.3	14.5	39.9	13.5	37.5	12.6	36.3	12.1	35.1	11.6	32.7	10.8
	-8.5	-9.1	42.3	14.1	39.9	13.2	37.5	12.3	36.3	11.8	35.1	11.4	32.7	10.5
	-7.0	-7.6	42.3	13.5	39.9	12.6	37.5	11.8	36.3	11.3	35.1	10.9	32.7	10.09
	-5.0	-5.6	42.3	12.8	39.9	12.0	37.5	11.2	36.3	10.8	35.1	10.4	32.7	9.58
	-3.0	-3.7	42.3	12.2	39.9	11.4	37.5	10.6	36.3	10.2	35.1	9.86	32.7	9.13
	0.0	-0.7	42.3	11.2	39.9	10.5	37.5	9.83	36.3	9.48	35.1	9.14	32.7	8.48
	3.0	2.2	42.3	10.4	39.9	9.78	37.5	9.14	36.3	8.83	35.1	8.52	32.7	7.91
	5.0	4.1	42.3	9.9	39.9	9.33	37.5	8.73	36.3	8.44	35.1	8.15	32.7	7.57
	7.0	6.0	42.3	9.50	39.9	8.92	37.5	8.35	36.3	8.07	35.1	7.80	32.7	7.25
	9.0	7.9	42.3	9.08	39.9	8.53	37.5	7.99	36.3	7.73	35.1	7.47	32.7	6.95
	11.0	9.8	42.3	8.68	39.9	8.17	37.5	7.66	36.3	7.41	35.1	7.16	32.7	6.67
	13.0	11.8	42.3	8.30	39.9	7.81	37.5	7.33	36.3	7.09	35.1	6.86	32.7	6.40
	15.0	13.7	42.3	7.96	39.9	7.49	37.5	7.04	36.3	6.82	35.1	6.59	32.7	6.15
50% (250)	-19.8	-20.0	35.3	15.5	33.3	14.4	31.3	13.4	30.2	12.9	29.2	12.4	27.2	11.5
	-18.8	-19.0	35.3	15.1	33.3	14.0	31.3	13.1	30.2	12.6	29.2	12.1	27.2	11.2
	-16.7	-17.0	35.3	14.2	33.3	13.3	31.3	12.4	30.2	11.9	29.2	11.5	27.2	10.6
	-14.7	-15.0	35.3	13.5	33.3	12.6	31.3	11.7	30.2	11.3	29.2	10.9	27.2	10.03
	-12.6	-13.0	35.3	12.7	33.3	11.9	31.3	11.1	30.2	10.7	29.2	10.3	27.2	9.52
	-10.5	-11.0	35.3	12.0	33.3	11.3	31.3	10.5	30.2	10.13	29.2	9.77	27.2	9.04
	-9.5	-10.0	35.3	11.7	33.3	11.0	31.3	10.2	30.2	9.87	29.2	9.52	27.2	8.82
	-8.5	-9.1	35.3	11.4	33.3	10.7	31.3	9.99	30.2	9.64	29.2	9.30	27.2	8.62
	-7.0	-7.6	35.3	11.0	33.3	10.3	31.3	9.61	30.2	9.28	29.2	8.95	27.2	8.30
	-5.0	-5.6	35.3	10.4	33.3	9.77	31.3	9.13	30.2	8.82	29.2	8.51	27.2	7.90
	-3.0	-3.7	35.3	9.92	33.3	9.31	31.3	8.71	30.2	8.41	29.2	8.12	27.2	7.55
	0.0	-0.7	35.3	9.19	33.3	8.64	31.3	8.09	30.2	7.82	29.2	7.56	27.2	7.04
	3.0	2.2	35.3	8.57	33.3	8.06	31.3	7.56	30.2	7.31	29.2	7.07	27.2	6.59
	5.0	4.1	35.3	8.19	33.3	7.71	31.3	7.24	30.2	7.00	29.2	6.77	27.2	6.32
	7.0	6.0	35.3	7.84	33.3	7.38	31.3	6.93	30.2	6.71	29.2	6.50	27.2	6.07
	9.0	7.9	35.3	7.51	33.3	7.08	31.3	6.65	30.2	6.44	29.2	6.24	27.2	5.83
	11.0	9.8	35.3	7.20	33.3	6.79	31.3	6.39	30.2	6.19	29.2	5.99	27.2	5.61
	13.0	11.8	35.3	6.89	33.3	6.51	31.3	6.13	30.2	5.94	29.2	5.76	27.2	5.39
	15.0	13.7	35.3	6.63	33.3	6.26	31.3	5.90	30.2	5.72	29.2	5.54	27.2	5.19

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ22PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0 TC	16.0 PI	18.0 TC	18.0 PI	20.0 TC	20.0 PI	21.0 TC	21.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	-19.8	-20.0	44.1	11.50	43.9	12.34	43.8	13.2	43.7	13.6	43.6	14.0	43.4	14.9
	-18.8	-19.0	44.8	11.78	44.7	12.6	44.5	13.4	44.5	13.8	44.4	14.3	44.2	15.1
	-16.7	-17.0	46.6	12.3	46.4	13.1	46.2	13.9	46.2	14.3	46.1	14.7	45.9	15.5
	-14.7	-15.0	48.5	12.9	48.3	13.7	48.1	14.5	48.1	14.8	48.0	15.2	47.8	16.0
	-12.6	-13.0	50.6	13.5	50.4	14.3	50.3	15.0	50.2	15.4	50.1	15.7	49.9	16.4
	-10.5	-11.0	52.9	14.1	52.7	14.8	52.6	15.5	52.5	15.9	52.4	16.2	52.3	16.9
	-9.5	-10.0	54.1	14.4	54.0	15.1	53.8	15.8	53.7	16.1	53.7	16.5	53.5	17.1
	-8.5	-9.1	55.3	14.7	55.1	15.3	55.0	16.0	54.9	16.3	54.8	16.7	54.6	17.3
	-7.0	-7.6	57.3	15.1	57.1	15.8	57.0	16.4	56.9	16.7	56.8	17.0	56.7	17.7
	-5.0	-5.6	60.2	15.7	60.0	16.3	59.8	16.9	59.8	17.2	59.7	17.5	59.5	18.1
	-3.0	-3.7	63.1	16.2	62.9	16.8	62.7	17.4	62.7	17.6	62.6	17.9	62.4	18.5
	0.0	-0.7	68.0	17.0	67.9	17.5	67.7	18.0	67.6	18.3	67.5	18.6	67.4	19.1
	3.0	2.2	73.2	17.7	73.1	18.2	72.9	18.7	72.9	18.9	72.8	19.2	72.6	19.7
	5.0	4.1	76.9	18.1	76.7	18.6	76.6	19.1	76.5	19.3	76.4	19.5	76.3	20.0
	7.0	6.0	80.7	18.5	80.6	19.0	80.4	19.4	80.4	19.6	80.3	19.9	78.2	19.5
	9.0	7.9	84.8	18.9	84.6	19.3	84.5	19.8	84.4	20.0	83.9	20.1	78.2	18.4
	11.0	9.8	89.0	19.3	88.8	19.7	88.7	20.1	86.8	19.7	83.9	18.9	78.2	17.3
	13.0	11.8	93.6	19.7	93.4	20.0	89.7	19.2	86.8	18.5	83.9	17.7	78.2	16.3
	15.0	13.7	98.2	20.0	95.5	19.5	89.7	18.1	86.8	17.4	83.9	16.7	78.2	15.4
120% (660)	-19.8	-20.0	43.9	12.6	43.7	13.4	43.6	14.2	43.5	14.6	43.4	15.0	43.3	15.8
	-18.8	-19.0	44.6	12.9	44.5	13.7	44.3	14.4	44.3	14.8	44.2	15.2	44.1	16.0
	-16.7	-17.0	46.3	13.4	46.2	14.2	46.0	14.9	46.0	15.3	45.9	15.6	45.8	16.4
	-14.7	-15.0	48.3	14.0	48.1	14.7	48.0	15.4	47.9	15.7	47.8	16.1	47.7	16.8
	-12.6	-13.0	50.4	14.5	50.2	15.2	50.1	15.9	50.0	16.2	49.9	16.5	49.8	17.2
	-10.5	-11.0	52.7	15.1	52.5	15.7	52.4	16.3	52.3	16.7	52.2	17.0	52.1	17.6
	-9.5	-10.0	53.9	15.3	53.8	16.0	53.6	16.6	53.5	16.9	53.5	17.2	53.3	17.8
	-8.5	-9.1	55.1	15.6	54.9	16.2	54.8	16.8	54.7	17.1	54.6	17.4	54.5	18.0
	-7.0	-7.6	57.1	16.0	56.9	16.6	56.8	17.2	56.7	17.5	56.6	17.8	56.5	18.3
	-5.0	-5.6	59.9	16.5	59.8	17.1	59.6	17.6	59.6	17.9	59.5	18.2	59.4	18.7
	-3.0	-3.7	62.8	17.0	62.7	17.5	62.6	18.1	62.5	18.3	62.4	18.6	62.3	19.1
	0.0	-0.7	67.8	17.7	67.7	18.2	67.5	18.7	67.4	18.9	67.4	19.2	67.2	19.7
	3.0	2.2	73.0	18.4	72.9	18.8	72.7	19.3	72.7	19.5	72.6	19.7	72.2	20.1
	5.0	4.1	76.7	18.8	76.5	19.2	76.4	19.6	76.3	19.8	76.3	20.1	72.2	18.8
	7.0	6.0	80.5	19.1	80.4	19.5	80.2	20.0	80.1	20.2	77.5	19.3	72.2	17.7
	9.0	7.9	84.6	19.5	84.4	19.9	82.8	19.7	80.1	18.9	77.5	18.2	72.2	16.7
	11.0	9.8	88.8	19.8	88.1	20.0	82.8	18.6	80.1	17.8	77.5	17.1	72.2	15.7
	13.0	11.8	93.4	20.2	88.1	18.8	82.8	17.4	80.1	16.8	77.5	16.1	72.2	14.8
	15.0	13.7	93.4	19.0	88.1	17.7	82.8	16.4	80.1	15.8	77.5	15.2	72.2	14.0
110% (605)	-19.8	-20.0	43.6	13.8	43.5	14.5	43.4	15.2	43.3	15.6	43.2	15.9	43.1	16.6
	-18.8	-19.0	44.4	14.0	44.3	14.7	44.2	15.4	44.1	15.8	44.0	16.1	43.9	16.8
	-16.7	-17.0	46.1	14.5	46.0	15.2	45.9	15.8	45.8	16.2	45.7	16.5	45.6	17.2
	-14.7	-15.0	48.0	15.0	47.9	15.6	47.8	16.3	47.7	16.6	47.6	16.9	47.5	17.6
	-12.6	-13.0	50.1	15.5	50.0	16.1	49.9	16.7	49.8	17.0	49.7	17.4	49.6	18.0
	-10.5	-11.0	52.5	16.0	52.3	16.6	52.2	17.2	52.1	17.5	52.1	17.8	51.9	18.4
	-9.5	-10.0	53.7	16.3	53.6	16.8	53.4	17.4	53.4	17.7	53.3	18.0	53.2	18.6
	-8.5	-9.1	54.9	16.5	54.7	17.0	54.6	17.6	54.5	17.9	54.5	18.2	54.3	18.7
	-7.0	-7.6	56.9	16.8	56.7	17.4	56.6	17.9	56.5	18.2	56.5	18.5	56.3	19.0
	-5.0	-5.6	59.7	17.3	59.6	17.8	59.5	18.4	59.4	18.6	59.3	18.9	59.2	19.4
	-3.0	-3.7	62.6	17.8	62.5	18.3	62.4	18.7	62.3	19.0	62.2	19.2	62.1	19.7
	0.0	-0.7	67.6	18.4	67.5	18.9	67.3	19.3	67.3	19.6	67.2	19.8	66.1	19.8
	3.0	2.2	72.8	19.0	72.7	19.4	72.6	19.9	72.5	20.1	71.0	19.7	66.1	18.0
	5.0	4.1	76.5	19.4	76.3	19.8	75.9	20.1	73.5	19.3	71.0	18.5	66.1	17.0
	7.0	6.0	80.3	19.7	80.2	20.1	75.9	18.9	73.5	18.1	71.0	17.4	66.1	16.0
	9.0	7.9	84.3	20.1	80.8	19.1	75.9	17.7	73.5	17.1	71.0	16.4	66.1	15.1
	11.0	9.8	85.7	19.3	80.8	18.0	75.9	16.7	73.5	16.1	71.0	15.4	66.1	14.2
	13.0	11.8	85.7	18.2	80.8	16.9	75.9	15.7	73.5	15.1	71.0	14.5	66.1	13.4
	15.0	13.7	85.7	17.1	80.8	16.0	75.9	14.8	73.5	14.3	71.0	13.7	66.1	12.7
100% (550)	-19.8	-20.0	43.4	14.9	43.3	15.6	43.2	16.2	43.1	16.5	43.1	16.9	42.9	17.5
	-18.8	-19.0	44.2	15.1	44.1	15.8	44.0	16.4	43.9	16.7	43.8	17.0	43.7	17.7
	-16.7	-17.0	45.9	15.6	45.8	16.2	45.7	16.8	45.6	17.1	45.5	17.4	45.4	18.0
	-14.7	-15.0	47.8	16.0	47.7	16.6	47.6	17.2	47.5	17.5	47.5	17.8	47.3	18.4
	-12.6	-13.0	49.9	16.5	49.8	17.0	49.7	17.6	49.6	17.9	49.6	18.2	49.5	18.7
	-10.5	-11.0	52.3	16.9	52.1	17.5	52.0	18.0	51.9	18.3	51.9	18.5	51.8	19.1
	-9.5	-10.0	53.5	17.2	53.4	17.7	53.2	18.2	53.2	18.5	53.1	18.7	53.0	19.3
	-8.5	-9.1	54.6	17.4	54.5	17.9	54.4	18.4	54.3	18.7	54.3	18.9	54.2	19.4
	-7.0	-7.6	56.7	17.7	56.5	18.2	56.4	18.7	56.3	18.9	56.3	19.2	56.2	19.7
	-5.0	-5.6	59.5	18.1	59.4	18.6	59.3	19.1	59.2	19.3	59.1	19.5	59.0	20.0
	-3.0	-3.7	62.4	18.5	62.3	19.0	62.2	19.4	62.1	19.7	62.1	19.9	60.1	19.4
	0.0	-0.7	67.4	19.1	67.3	19.6	67.1	20.0	66.8	20.0	64.6	19.2	60.1	17.6
	3.0	2.2	72.6	19.7	72.5	20.1	69.0	19.0	66.8	18.2	64.6	17.5	60.1	16.1
	5.0	4.1	76.3	20.0	73.4	19.3	69.0	17.8	66.8	17.2	64.6	16.5	60.1	15.2
	7.0	6.0	77.9	19.5	73.4	18.1	69.0	16.8	66.8	16.2	64.6	15.5	60.1	14.3
	9.0	7.9	77.9	18.3	73.4	17.0	69.0	15.8	66.8	15.2	64.6	14.6	60.1	13.5
	11.0	9.8	77.9	17.2	73.4	16.1	69.0	14.9	66.8	14.4	64.6	13.8	60.1	12.8
	13.0	11.8	77.9	16.2	73.4	15.1	69.0	14.1	66.8	13.5	64.6	13.0	60.1	12.0
	15.0	13.7	77.9	15.3	73.4	14.3	69.0	13.3	66.8	12.8	64.6	12.3	60.1	11.4

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0 TC	16.0 PI	18.0 TC	18.0 PI	20.0 TC	20.0 PI	21.0 TC	21.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (495)	-19.8	-20.0	43.2	16.1	43.1	16.6	43.0	17.2	42.9	17.5	42.9	17.8	42.8	18.4
	-18.8	-19.0	44.0	16.3	43.9	16.8	43.8	17.4	43.7	17.7	43.7	18.0	43.6	18.5
	-16.7	-17.0	45.7	16.6	45.6	17.2	45.5	17.7	45.4	18.0	45.4	18.3	45.3	18.9
	-14.7	-15.0	47.6	17.1	47.5	17.6	47.4	18.1	47.3	18.4	47.3	18.6	47.2	19.2
	-12.6	-13.0	49.7	17.5	49.6	18.0	49.5	18.5	49.4	18.7	49.4	19.0	49.3	19.5
	-10.5	-11.0	52.0	17.9	51.9	18.4	51.8	18.8	51.8	19.1	51.7	19.3	51.6	19.8
	-9.5	-10.0	53.3	18.1	53.2	18.6	53.1	19.0	53.0	19.3	52.9	19.5	52.8	20.0
	-8.5	-9.1	54.4	18.3	54.3	18.7	54.2	19.2	54.2	19.4	54.1	19.7	54.0	20.1
	-7.0	-7.6	56.4	18.6	56.3	19.0	56.2	19.5	56.2	19.7	56.1	19.9	54.1	19.3
	-5.0	-5.6	59.3	19.0	59.2	19.4	59.1	19.8	59.0	20.0	58.1	19.8	54.1	18.1
	-3.0	-3.7	62.2	19.3	62.1	19.7	62.0	20.1	60.1	19.4	58.1	18.6	54.1	17.1
	0.0	-0.7	67.2	19.9	66.1	19.8	62.1	18.3	60.1	17.6	58.1	16.9	54.1	15.5
	3.0	2.2	70.1	19.3	66.1	18.0	62.1	16.7	60.1	16.1	58.1	15.4	54.1	14.2
	5.0	4.1	70.1	18.2	66.1	16.9	62.1	15.7	60.1	15.1	58.1	14.6	54.1	13.4
	7.0	6.0	70.1	17.1	66.1	16.0	62.1	14.8	60.1	14.3	58.1	13.7	54.1	12.7
	9.0	7.9	70.1	16.1	66.1	15.0	62.1	14.0	60.1	13.5	58.1	13.0	54.1	12.0
	11.0	9.8	70.1	15.2	66.1	14.2	62.1	13.2	60.1	12.7	58.1	12.3	54.1	11.3
	13.0	11.8	70.1	14.3	66.1	13.4	62.1	12.5	60.1	12.0	58.1	11.6	54.1	10.7
	15.0	13.7	70.1	13.5	66.1	12.7	62.1	11.8	60.1	11.4	58.1	11.0	54.1	10.2
80% (440)	-19.8	-20.0	43.0	17.2	42.9	17.7	42.8	18.2	42.8	18.5	42.7	18.8	42.6	19.3
	-18.8	-19.0	43.8	17.4	43.7	17.9	43.6	18.4	43.5	18.6	43.5	18.9	43.4	19.4
	-16.7	-17.0	45.5	17.7	45.4	18.2	45.3	18.7	45.2	18.9	45.2	19.2	45.1	19.7
	-14.7	-15.0	47.4	18.1	47.3	18.6	47.2	19.0	47.2	19.3	47.1	19.5	47.0	20.0
	-12.6	-13.0	49.5	18.5	49.4	18.9	49.3	19.4	49.3	19.6	49.2	19.8	48.1	19.6
	-10.5	-11.0	51.8	18.8	51.7	19.3	51.6	19.7	51.6	19.9	51.5	20.1	48.1	18.5
	-9.5	-10.0	53.1	19.0	53.0	19.4	52.9	19.8	52.8	20.1	51.7	19.6	48.1	18.0
	-8.5	-9.1	54.2	19.2	54.1	19.6	54.0	20.0	53.4	19.9	51.7	19.1	48.1	17.5
	-7.0	-7.6	56.2	19.4	56.1	19.8	55.2	19.8	53.4	19.0	51.7	18.2	48.1	16.7
	-5.0	-5.6	59.1	19.8	58.7	20.0	55.2	18.6	53.4	17.8	51.7	17.1	48.1	15.7
	-3.0	-3.7	62.0	20.1	58.7	18.9	55.2	17.5	53.4	16.8	51.7	16.1	48.1	14.9
	0.0	-0.7	62.3	18.4	58.7	17.1	55.2	15.9	53.4	15.3	51.7	14.7	48.1	13.6
	3.0	2.2	62.3	16.8	58.7	15.6	55.2	14.5	53.4	14.0	51.7	13.5	48.1	12.4
	5.0	4.1	62.3	15.8	58.7	14.7	55.2	13.7	53.4	13.2	51.7	12.7	48.1	11.8
	7.0	6.0	62.3	14.9	58.7	13.9	55.2	13.0	53.4	12.5	51.7	12.0	48.1	11.1
	9.0	7.9	62.3	14.1	58.7	13.1	55.2	12.3	53.4	11.8	51.7	11.4	48.1	10.5
	11.0	9.8	62.3	13.3	58.7	12.4	55.2	11.6	53.4	11.2	51.7	10.8	48.1	10.0
	13.0	11.8	62.3	12.5	58.7	11.7	55.2	11.0	53.4	10.6	51.7	10.2	48.1	9.5
	15.0	13.7	62.3	11.9	58.7	11.1	55.2	10.4	53.4	10.0	51.7	9.7	48.1	8.99
70% (385)	-19.8	-20.0	42.8	18.3	42.7	18.8	42.6	19.2	42.6	19.5	42.5	19.7	42.1	19.9
	-18.8	-19.0	43.6	18.5	43.5	18.9	43.4	19.4	43.4	19.6	43.3	19.8	42.1	19.4
	-16.7	-17.0	45.3	18.8	45.2	19.2	45.1	19.7	45.1	19.9	45.0	20.1	42.1	18.5
	-14.7	-15.0	47.2	19.1	47.1	19.5	47.0	19.9	46.7	20.0	45.2	19.2	42.1	17.6
	-12.6	-13.0	49.3	19.4	49.2	19.8	48.3	19.7	46.7	18.9	45.2	18.2	42.1	16.7
	-10.5	-11.0	51.6	19.8	51.4	20.1	48.3	18.6	46.7	17.9	45.2	17.1	42.1	15.8
	-9.5	-10.0	52.8	19.9	51.4	19.5	48.3	18.0	46.7	17.3	45.2	16.7	42.1	15.3
	-8.5	-9.1	54.0	20.1	51.4	18.9	48.3	17.6	46.7	16.9	45.2	16.2	42.1	14.9
	-7.0	-7.6	54.5	19.4	51.4	18.1	48.3	16.8	46.7	16.2	45.2	15.5	42.1	14.3
	-5.0	-5.6	54.5	18.3	51.4	17.0	48.3	15.8	46.7	15.2	45.2	14.6	42.1	13.5
	-3.0	-3.7	54.5	17.2	51.4	16.1	48.3	14.9	46.7	14.4	45.2	13.8	42.1	12.7
	0.0	-0.7	54.5	15.7	51.4	14.6	48.3	13.6	46.7	13.1	45.2	12.6	42.1	11.7
	3.0	2.2	54.5	14.3	51.4	13.4	48.3	12.5	46.7	12.0	45.2	11.6	42.1	10.7
	5.0	4.1	54.5	13.5	51.4	12.7	48.3	11.8	46.7	11.4	45.2	11.0	42.1	10.2
	7.0	6.0	54.5	12.8	51.4	12.0	48.3	11.2	46.7	10.8	45.2	10.4	42.1	9.65
	9.0	7.9	54.5	12.1	51.4	11.3	48.3	10.6	46.7	10.2	45.2	9.9	42.1	9.15
	11.0	9.8	54.5	11.4	51.4	10.7	48.3	10.0	46.7	9.7	45.2	9.36	42.1	8.70
	13.0	11.8	54.5	10.8	51.4	10.1	48.3	9.5	46.7	9.18	45.2	8.87	42.1	8.25
	15.0	13.7	54.5	10.3	51.4	9.6	48.3	9.03	46.7	8.73	45.2	8.44	42.1	7.86
60% (330)	-19.8	-20.0	42.6	19.5	42.5	19.9	41.4	19.5	40.1	18.7	38.7	18.0	36.1	16.5
	-18.8	-19.0	43.4	19.6	43.3	20.0	41.4	19.0	40.1	18.3	38.7	17.6	36.1	16.1
	-16.7	-17.0	45.1	19.9	44.1	19.6	41.4	18.1	40.1	17.4	38.7	16.8	36.1	15.4
	-14.7	-15.0	46.7	20.0	44.1	18.6	41.4	17.2	40.1	16.6	38.7	15.9	36.1	14.7
	-12.6	-13.0	46.7	18.9	44.1	17.6	41.4	16.3	40.1	15.7	38.7	15.1	36.1	13.9
	-10.5	-11.0	46.7	17.8	44.1	16.6	41.4	15.5	40.1	14.9	38.7	14.3	36.1	13.2
	-9.5	-10.0	46.7	17.3	44.1	16.2	41.4	15.0	40.1	14.5	38.7	13.9	36.1	12.8
	-8.5	-9.1	46.7	16.9	44.1	15.7	41.4	14.6	40.1	14.1	38.7	13.6	36.1	12.5
	-7.0	-7.6	46.7	16.1	44.1	15.1	41.4	14.0	40.1	13.5	38.7	13.0	36.1	12.0
	-5.0	-5.6	46.7	15.2	44.1	14.2	41.4	13.2	40.1	12.7	38.7	12.3	36.1	11.3
	-3.0	-3.7	46.7	14.4	44.1	13.4	41.4	12.5	40.1	12.1	38.7	11.6	36.1	10.8
	0.0	-0.7	46.7	13.1	44.1	12.3	41.4	11.5	40.1	11.1	38.7	10.7	36.1	9.89
	3.0	2.2	46.7	12.0	44.1	11.3	41.4	10.5	40.1	10.18	38.7	9.83	36.1	9.12
	5.0	4.1	46.7	11.4	44.1	10.7	41.4	10.00	40.1	9.66	38.7	9.32	36.1	8.66
	7.0	6.0	46.7	10.8	44.1	10.1	41.4	9.48	40.1	9.16	38.7	8.85	36.1	8.23
	9.0	7.9	46.7	10.2	44.1	9.60	41.4	9.00	40.1	8.70	38.7	8.41	36.1	7.83
	11.0	9.8	46.7	9.7	44.1	9.12	41.4	8.55	40.1	8.27	38.7	8.00	36.1	7.46
	13.0	11.8	46.7	9.18	44.1	8.64	41.4	8.11	40.1	7.85	38.7	7.60	36.1	7.09
	15.0	13.7	46.7	8.73	44.1	8.22	41.4	7.73	40.1	7.48	38.7	7.24	36.1	6.77
50% (275)	-19.8	-20.0	38.9	18.1	36.7	16.8	34.5	15.6	33.4	15.1	32.3	14.5	30.1	13.3
	-18.8	-19.0	38.9	17.7	36.7	16.5	34.5	15.3	33.4	14.7	32.3	14.2	30.1	13.1
	-16.7	-17.0	38.9	16.9	36.7	15.7	34.5	14.6	33.4	14.1	32.3	13.5	30.1	12.5
	-14.7	-15.0	38.9	16.0	36.7	15.0	34.5	13.9	33.4	13.4	32.3	12.9	30.1	11.9
	-12.6	-13.0	38.9	15.2	36.7	14.2	34.5	13.2	33.4	12.7	32.3	12.3	30.1	11.3
	-10.5	-11.0	38.9	14.4	36.7	13.4	34.5	12.5	33.4	12.1	32.3	11.6	30.1	10.77
	-9.5	-10.0	38.9	14.0	36.7	13.1	34.5	12.2	33.4	11.8	32.3	11.3	30.1	10.49
	-8.5	-9.1	38.9	13.6	36.7	12.8	34.5	11.9	33.4	11.5	32.3	11.1	30.1	10.25
	-7.0	-7.6	38.9	13.1	36.7	12.2	34.5	11.4	33.4	11.0	32.3	10.63	30.1	9.85
	-5.0	-5.6	38.9	12.3	36.7	11.6	34.5	10.8	33.4	10.43	32.3	10.06	30.1	9.34
	-3.0	-3.7	38.9	11.7	36.7	11.0	34.5	10.25	33.4	9.90	32.3	9.55	30.1	8.87
	0.0	-0.7	38.9	10.7	36.7	10.07	34.5	9.43	33.4	9.12	32.3	8.80	30.1	8.19
	3.0	2.2	38.9	9.88	36.7	9.29	34.5	8.71	33.4	8.43	32.3	8.14	30.1	7.59
	5.0	4.1	38.9	9.37	36.7	8.82	34.5	8.28	33.4	8.01	32.3	7.75	30.1	7.23
	7.0	6.0	38.9	8.89	36.7	8.38	34.5	7.87	33.4	7.62	32.3	7.37	30.1	6.89
	9.0	7.9	38.9	8.45	36.7	7.97	34.5	7.49	33.4	7.26	32.3	7.03	30.1	6.57
	11.0	9.8	38.9	8.04	36.7	7.58	34.5	7.14	33.4	6.92	32.3	6.70	30.1	6.27
	13.0	11.8	38.9	7.63	36.7	7.21	34.5	6.79	33.4	6.59	32.3	6.38	30.1	5.98
	15.0	13.7	38.9	7.28	36.7	6.88	34.5	6.49	33.4	6.29	32.3	6.10	30.1	5.72

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ24PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (786)	-19.8	-20.0	46.9	11.73	46.7	12.6	46.5	13.6	46.5	14.0	46.4	14.5	46.2	15.4
	-18.8	-19.0	47.9	12.1	47.7	13.0	47.6	13.9	47.5	14.3	47.4	14.8	47.2	15.7
	-16.7	-17.0	50.1	12.8	49.9	13.7	49.7	14.5	49.6	15.0	49.6	15.4	49.4	16.3
	-14.7	-15.0	52.4	13.5	52.2	14.3	52.0	15.2	51.9	15.6	51.9	16.0	51.7	16.8
	-12.6	-13.0	54.8	14.2	54.6	15.0	54.5	15.8	54.4	16.2	54.3	16.6	54.1	17.3
	-10.5	-11.0	57.4	14.9	57.2	15.6	57.0	16.3	56.9	16.7	56.9	17.1	56.7	17.8
	-9.5	-10.0	58.7	15.2	58.5	15.9	58.4	16.6	58.3	17.0	58.2	17.4	58.0	18.1
	-8.5	-9.1	59.9	15.5	59.8	16.2	59.6	16.9	59.5	17.2	59.4	17.6	59.2	18.3
	-7.0	-7.6	62.0	15.9	61.9	16.6	61.7	17.3	61.6	17.6	61.5	18.0	61.4	18.6
	-5.0	-5.6	65.0	16.5	64.8	17.1	64.6	17.8	64.6	18.1	64.5	18.4	64.3	19.1
	-3.0	-3.7	67.9	17.0	67.7	17.6	67.6	18.2	67.5	18.6	67.4	18.9	67.2	19.5
	0.0	-0.7	72.8	17.8	72.6	18.3	72.4	18.9	72.3	19.2	72.2	19.5	72.1	20.1
	3.0	2.2	77.7	18.5	77.6	19.0	77.4	19.5	77.3	19.8	77.2	20.1	77.1	20.6
	5.0	4.1	81.2	18.9	81.0	19.4	80.8	19.9	80.7	20.2	80.7	20.4	80.5	20.9
	7.0	6.0	84.7	19.3	84.5	19.8	84.4	20.3	84.3	20.5	84.2	20.8	84.0	21.3
	9.0	7.9	88.4	19.7	88.2	20.1	88.0	20.6	88.0	20.8	87.9	21.1	85.0	20.5
	11.0	9.8	92.2	20.0	92.0	20.5	91.8	20.9	91.7	21.2	91.2	21.2	85.0	19.5
	13.0	11.8	96.3	20.4	96.1	20.8	96.0	21.2	94.4	20.9	91.2	20.1	85.0	18.4
	15.0	13.7	100.3	20.7	100.2	21.1	97.5	20.7	94.4	19.9	91.2	19.1	85.0	17.5
120% (726)	-19.8	-20.0	46.7	13.0	46.5	13.8	46.3	14.7	46.3	15.1	46.2	15.5	46.0	16.4
	-18.8	-19.0	47.7	13.3	47.5	14.1	47.4	15.0	47.3	15.4	47.2	15.8	47.1	16.6
	-16.7	-17.0	49.8	14.0	49.7	14.8	49.5	15.6	49.4	16.0	49.4	16.4	49.2	17.2
	-14.7	-15.0	52.1	14.6	52.0	15.4	51.8	16.1	51.7	16.5	51.7	16.9	51.5	17.7
	-12.6	-13.0	54.6	15.3	54.4	16.0	54.3	16.7	54.2	17.1	54.1	17.4	53.9	18.1
	-10.5	-11.0	57.1	15.9	57.0	16.6	56.8	17.2	56.7	17.6	56.7	17.9	56.5	18.6
	-9.5	-10.0	58.5	16.2	58.3	16.8	58.2	17.5	58.1	17.8	58.0	18.2	57.8	18.8
	-8.5	-9.1	59.7	16.4	59.5	17.1	59.4	17.7	59.3	18.1	59.2	18.4	59.1	19.0
	-7.0	-7.6	61.8	16.8	61.7	17.5	61.5	18.1	61.4	18.4	61.3	18.7	61.2	19.4
	-5.0	-5.6	64.8	17.4	64.6	18.0	64.4	18.6	64.4	18.9	64.3	19.2	64.1	19.8
	-3.0	-3.7	67.7	17.8	67.5	18.4	67.4	19.0	67.3	19.3	67.2	19.6	67.0	20.1
	0.0	-0.7	72.5	18.6	72.4	19.1	72.2	19.6	72.1	19.9	72.1	20.2	71.9	20.7
	3.0	2.2	77.5	19.2	77.4	19.7	77.2	20.2	77.1	20.4	77.0	20.7	76.9	21.2
	5.0	4.1	80.9	19.6	80.8	20.1	80.6	20.5	80.5	20.8	80.5	21.0	78.4	20.7
	7.0	6.0	84.5	19.9	84.3	20.4	84.2	20.9	84.1	21.1	84.0	21.3	78.4	19.6
	9.0	7.9	88.2	20.3	88.0	20.7	87.8	21.2	87.1	21.1	84.2	20.3	78.4	18.6
	11.0	9.8	91.9	20.6	91.8	21.0	90.0	20.9	87.1	20.1	84.2	19.3	78.4	17.7
	13.0	11.8	96.1	21.0	95.8	21.3	90.0	19.8	87.1	19.0	84.2	18.2	78.4	16.8
	15.0	13.7	100.1	21.3	95.8	20.2	90.0	18.8	87.1	18.1	84.2	17.4	78.4	16.0
110% (666)	-19.8	-20.0	46.4	14.2	46.3	15.0	46.1	15.8	46.1	16.2	46.0	16.6	45.8	17.3
	-18.8	-19.0	47.5	14.5	47.3	15.3	47.2	16.1	47.1	16.4	47.0	16.8	46.9	17.6
	-16.7	-17.0	49.6	15.1	49.5	15.9	49.3	16.6	49.2	17.0	49.2	17.3	49.0	18.1
	-14.7	-15.0	51.9	15.7	51.8	16.4	51.6	17.1	51.5	17.5	51.5	17.8	51.3	18.5
	-12.6	-13.0	54.3	16.3	54.2	17.0	54.0	17.6	54.0	18.0	53.9	18.3	53.8	19.0
	-10.5	-11.0	56.9	16.9	56.8	17.5	56.6	18.1	56.5	18.4	56.5	18.8	56.3	19.4
	-9.5	-10.0	58.2	17.1	58.1	17.8	58.0	18.4	57.9	18.7	57.8	19.0	57.7	19.6
	-8.5	-9.1	59.5	17.4	59.3	18.0	59.2	18.6	59.1	18.9	59.0	19.2	58.9	19.8
	-7.0	-7.6	61.6	17.8	61.4	18.3	61.3	18.9	61.2	19.2	61.1	19.5	61.0	20.1
	-5.0	-5.6	64.5	18.2	64.4	18.8	64.2	19.3	64.2	19.6	64.1	19.9	63.9	20.5
	-3.0	-3.7	67.4	18.7	67.3	19.2	67.1	19.7	67.1	20.0	67.0	20.3	66.9	20.8
	0.0	-0.7	72.3	19.3	72.1	19.8	72.0	20.3	71.9	20.6	71.9	20.8	71.7	21.3
	3.0	2.2	77.3	19.9	77.1	20.4	77.0	20.8	76.9	21.1	76.8	21.3	71.9	19.7
	5.0	4.1	80.7	20.3	80.6	20.7	80.4	21.2	79.8	21.2	77.2	20.3	71.9	18.6
	7.0	6.0	84.2	20.6	84.1	21.0	82.5	20.9	79.8	20.1	77.2	19.3	71.9	17.7
	9.0	7.9	87.9	20.9	87.8	21.3	82.5	19.8	79.8	19.0	77.2	18.3	71.9	16.8
	11.0	9.8	91.7	21.2	87.8	20.3	82.5	18.8	79.8	18.1	77.2	17.4	71.9	16.0
	13.0	11.8	93.1	20.6	87.8	19.2	82.5	17.8	79.8	17.1	77.2	16.5	71.9	15.2
	15.0	13.7	93.1	19.6	87.8	18.2	82.5	16.9	79.8	16.3	77.2	15.7	71.9	14.5
100% (605)	-19.8	-20.0	46.2	15.5	46.1	16.2	45.9	16.9	45.9	17.2	45.8	17.6	45.7	18.3
	-18.8	-19.0	47.2	15.7	47.1	16.4	47.0	17.1	46.9	17.5	46.8	17.8	46.7	18.5
	-16.7	-17.0	49.4	16.3	49.2	17.0	49.1	17.6	49.1	18.0	49.0	18.3	48.9	18.9
	-14.7	-15.0	51.7	16.9	51.5	17.5	51.4	18.1	51.3	18.4	51.3	18.7	51.1	19.4
	-12.6	-13.0	54.1	17.4	54.0	18.0	53.8	18.6	53.8	18.9	53.7	19.2	53.6	19.8
	-10.5	-11.0	56.7	17.9	56.5	18.4	56.4	19.0	56.3	19.3	56.3	19.6	56.1	20.2
	-9.5	-10.0	58.0	18.1	57.9	18.7	57.7	19.2	57.7	19.5	57.6	19.8	57.5	20.4
	-8.5	-9.1	59.2	18.3	59.1	18.9	59.0	19.4	58.9	19.7	58.8	20.0	58.7	20.5
	-7.0	-7.6	61.4	18.7	61.2	19.2	61.1	19.7	61.0	20.0	61.0	20.3	60.8	20.8
	-5.0	-5.6	64.3	19.1	64.2	19.6	64.0	20.1	64.0	20.4	63.9	20.6	63.8	21.1
	-3.0	-3.7	67.2	19.5	67.1	20.0	66.9	20.5	66.9	20.7	66.8	21.0	65.4	20.8
	0.0	-0.7	72.1	20.1	71.9	20.6	71.8	21.0	71.7	21.2	70.2	20.8	65.4	19.0
	3.0	2.2	77.0	20.7	76.9	21.1	75.0	20.7	72.6	19.9	70.2	19.1	65.4	17.6
	5.0	4.1	80.5	21.0	79.8	21.2	75.0	19.6	72.6	18.9	70.2	18.1	65.4	16.7
	7.0	6.0	84.0	21.3	79.8	20.0	75.0	18.6	72.6	17.9	70.2	17.2	65.4	15.8
	9.0	7.9	84.6	20.4	79.8	19.0	75.0	17.7	72.6	17.0	70.2	16.3	65.4	15.0
	11.0	9.8	84.6	19.4	79.8	18.1	75.0	16.8	72.6	16.2	70.2	15.5	65.4	14.3
	13.0	11.8	84.6	18.4	79.8	17.1	75.0	15.9	72.6	15.3	70.2	14.8	65.4	13.6
	15.0	13.7	84.6	17.5	79.8	16.3	75.0	15.2	72.6	14.6	70.2	14.1	65.4	13.0

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (545)	-19.8	-20.0	46.0	16.7	45.8	17.3	45.7	18.0	45.7	18.3	45.6	18.6	45.5	19.3
	-18.8	-19.0	47.0	17.0	46.9	17.6	46.8	18.2	46.7	18.5	46.6	18.8	46.5	19.5
	-16.7	-17.0	49.1	17.5	49.0	18.1	48.9	18.7	48.9	19.0	48.8	19.3	48.7	19.8
	-14.7	-15.0	51.4	18.0	51.3	18.5	51.2	19.1	51.1	19.4	51.1	19.7	51.0	20.2
	-12.6	-13.0	53.9	18.4	53.8	19.0	53.6	19.5	53.6	19.8	53.5	20.1	53.4	20.6
	-10.5	-11.0	56.4	18.9	56.3	19.4	56.2	19.9	56.1	20.2	56.1	20.4	56.0	20.9
	-9.5	-10.0	57.8	19.1	57.7	19.6	57.5	20.1	57.5	20.4	57.4	20.6	57.3	21.1
	-8.5	-9.1	59.0	19.3	58.9	19.8	58.8	20.3	58.7	20.5	58.7	20.8	58.5	21.3
	-7.0	-7.6	61.1	19.6	61.0	20.1	60.9	20.6	60.8	20.8	60.8	21.0	58.8	20.5
	-5.0	-5.6	64.1	20.0	63.9	20.5	63.8	20.9	63.8	21.1	63.2	21.1	58.8	19.3
	-3.0	-3.7	67.0	20.4	66.9	20.8	66.7	21.2	65.3	20.8	63.2	19.9	58.8	18.3
	0.0	-0.7	71.8	20.9	71.7	21.3	67.5	19.8	65.3	19.0	63.2	18.3	58.8	16.8
	3.0	2.2	76.2	21.1	71.8	19.6	67.5	18.2	65.3	17.5	63.2	16.9	58.8	15.5
	5.0	4.1	76.2	20.0	71.8	18.6	67.5	17.3	65.3	16.6	63.2	16.0	58.8	14.8
	7.0	6.0	76.2	18.9	71.8	17.7	67.5	16.4	65.3	15.8	63.2	15.2	58.8	14.0
	9.0	7.9	76.2	18.0	71.8	16.8	67.5	15.6	65.3	15.0	63.2	14.5	58.8	13.4
	11.0	9.8	76.2	17.1	71.8	16.0	67.5	14.9	65.3	14.3	63.2	13.8	58.8	12.7
	13.0	11.8	76.2	16.2	71.8	15.2	67.5	14.1	65.3	13.6	63.2	13.1	58.8	12.1
	15.0	13.7	76.2	15.4	71.8	14.4	67.5	13.5	65.3	13.0	63.2	12.5	58.8	11.6
80% (484)	-19.8	-20.0	45.7	17.9	45.6	18.5	45.5	19.1	45.5	19.4	45.4	19.6	45.3	20.2
	-18.8	-19.0	46.8	18.2	46.7	18.7	46.5	19.3	46.5	19.6	46.4	19.8	46.3	20.4
	-16.7	-17.0	48.9	18.6	48.8	19.2	48.7	19.7	48.7	19.9	48.6	20.2	48.5	20.7
	-14.7	-15.0	51.2	19.1	51.1	19.6	51.0	20.1	50.9	20.3	50.9	20.6	50.8	21.1
	-12.6	-13.0	53.6	19.5	53.5	20.0	53.4	20.4	53.4	20.7	53.3	20.9	52.3	20.8
	-10.5	-11.0	56.2	19.9	56.1	20.3	56.0	20.8	55.9	21.0	55.9	21.3	52.3	19.6
	-9.5	-10.0	57.5	20.1	57.4	20.5	57.3	21.0	57.3	21.2	56.1	20.8	52.3	19.1
	-8.5	-9.1	58.8	20.3	58.7	20.7	58.6	21.1	58.1	21.1	56.1	20.2	52.3	18.6
	-7.0	-7.6	60.9	20.5	60.8	21.0	60.0	21.0	58.1	20.2	56.1	19.4	52.3	17.8
	-5.0	-5.6	63.8	20.9	63.7	21.3	60.0	19.8	58.1	19.0	56.1	18.3	52.3	16.8
	-3.0	-3.7	66.7	21.2	63.9	20.2	60.0	18.7	58.1	18.0	56.1	17.3	52.3	15.9
	0.0	-0.7	67.7	19.9	63.9	18.5	60.0	17.2	58.1	16.6	56.1	15.9	52.3	14.7
	3.0	2.2	67.7	18.3	63.9	17.1	60.0	15.9	58.1	15.3	56.1	14.7	52.3	13.6
	5.0	4.1	67.7	17.4	63.9	16.2	60.0	15.1	58.1	14.5	56.1	14.0	52.3	12.9
	7.0	6.0	67.7	16.5	63.9	15.4	60.0	14.4	58.1	13.8	56.1	13.3	52.3	12.3
	9.0	7.9	67.7	15.7	63.9	14.7	60.0	13.7	58.1	13.2	56.1	12.7	52.3	11.7
	11.0	9.8	67.7	14.9	63.9	14.0	60.0	13.0	58.1	12.6	56.1	12.1	52.3	11.2
	13.0	11.8	67.7	14.2	63.9	13.3	60.0	12.4	58.1	12.0	56.1	11.5	52.3	10.7
	15.0	13.7	67.7	13.5	63.9	12.7	60.0	11.8	58.1	11.4	56.1	11.0	52.3	10.2
70% (424)	-19.8	-20.0	45.5	19.2	45.4	19.7	45.3	20.2	45.3	20.4	45.2	20.7	45.1	21.2
	-18.8	-19.0	46.5	19.4	46.4	19.9	46.3	20.4	46.3	20.6	46.3	20.8	45.8	21.0
	-16.7	-17.0	48.7	19.8	48.6	20.3	48.5	20.7	48.5	20.9	48.4	21.2	45.8	19.9
	-14.7	-15.0	51.0	20.2	50.9	20.6	50.8	21.1	50.7	21.3	49.1	20.5	45.8	18.8
	-12.6	-13.0	53.4	20.5	53.3	21.0	52.5	20.9	50.8	20.1	49.1	19.3	45.8	17.7
	-10.5	-11.0	56.0	20.9	55.9	21.3	52.5	19.7	50.8	19.0	49.1	18.2	45.8	16.8
	-9.5	-10.0	57.3	21.1	55.9	20.7	52.5	19.2	50.8	18.4	49.1	17.7	45.8	16.3
	-8.5	-9.1	58.5	21.2	55.9	20.1	52.5	18.7	50.8	18.0	49.1	17.3	45.8	15.9
	-7.0	-7.6	59.2	20.7	55.9	19.3	52.5	17.9	50.8	17.2	49.1	16.5	45.8	15.2
	-5.0	-5.6	59.2	19.5	55.9	18.2	52.5	16.9	50.8	16.3	49.1	15.6	45.8	14.4
	-3.0	-3.7	59.2	18.5	55.9	17.2	52.5	16.0	50.8	15.4	49.1	14.8	45.8	13.7
	0.0	-0.7	59.2	17.0	55.9	15.8	52.5	14.7	50.8	14.2	49.1	13.7	45.8	12.6
	3.0	2.2	59.2	15.7	55.9	14.6	52.5	13.6	50.8	13.2	49.1	12.7	45.8	11.7
	5.0	4.1	59.2	14.9	55.9	13.9	52.5	13.0	50.8	12.5	49.1	12.1	45.8	11.2
	7.0	6.0	59.2	14.1	55.9	13.3	52.5	12.4	50.8	11.9	49.1	11.5	45.8	10.7
	9.0	7.9	59.2	13.5	55.9	12.6	52.5	11.8	50.8	11.4	49.1	11.0	45.8	10.2
	11.0	9.8	59.2	12.8	55.9	12.0	52.5	11.3	50.8	10.9	49.1	10.5	45.8	9.8
	13.0	11.8	59.2	12.2	55.9	11.5	52.5	10.7	50.8	10.4	49.1	10.0	45.8	9.3
	15.0	13.7	59.2	11.7	55.9	11.0	52.5	10.3	50.8	9.9	49.1	9.6	45.8	8.93
60% (363)	-19.8	-20.0	45.3	20.4	45.2	20.9	45.0	21.2	43.6	20.4	42.1	19.6	39.2	18.0
	-18.8	-19.0	46.3	20.6	46.2	21.0	45.0	20.6	43.6	19.8	42.1	19.0	39.2	17.5
	-16.7	-17.0	48.5	20.9	47.9	21.0	45.0	19.5	43.6	18.7	42.1	18.0	39.2	16.5
	-14.7	-15.0	50.7	21.3	47.9	19.8	45.0	18.4	43.6	17.7	42.1	17.0	39.2	15.7
	-12.6	-13.0	50.8	20.1	47.9	18.7	45.0	17.4	43.6	16.7	42.1	16.1	39.2	14.8
	-10.5	-11.0	50.8	19.0	47.9	17.7	45.0	16.4	43.6	15.8	42.1	15.2	39.2	14.0
	-9.5	-10.0	50.8	18.4	47.9	17.2	45.0	16.0	43.6	15.4	42.1	14.8	39.2	13.7
	-8.5	-9.1	50.8	17.9	47.9	16.7	45.0	15.6	43.6	15.0	42.1	14.4	39.2	13.3
	-7.0	-7.6	50.8	17.2	47.9	16.1	45.0	14.9	43.6	14.4	42.1	13.9	39.2	12.8
	-5.0	-5.6	50.8	16.2	47.9	15.2	45.0	14.1	43.6	13.6	42.1	13.1	39.2	12.2
	-3.0	-3.7	50.8	15.4	47.9	14.4	45.0	13.4	43.6	13.0	42.1	12.5	39.2	11.6
	0.0	-0.7	50.8	14.2	47.9	13.3	45.0	12.4	43.6	12.0	42.1	11.6	39.2	10.7
	3.0	2.2	50.8	13.2	47.9	12.3	45.0	11.5	43.6	11.1	42.1	10.7	39.2	10.0
	5.0	4.1	50.8	12.5	47.9	11.8	45.0	11.0	43.6	10.6	42.1	10.3	39.2	9.53
	7.0	6.0	50.8	11.9	47.9	11.2	45.0	10.5	43.6	10.1	42.1	9.8	39.2	9.11
	9.0	7.9	50.8	11.4	47.9	10.7	45.0	10.0	43.6	9.7	42.1	9.37	39.2	8.72
	11.0	9.8	50.8	10.9	47.9	10.2	45.0	9.6	43.6	9.28	42.1	8.97	39.2	8.36
	13.0	11.8	50.8	10.4	47.9	9.8	45.0	9.17	43.6	8.87	42.1	8.58	39.2	8.00
	15.0	13.7	50.8	9.9	47.9	9.4	45.0	8.79	43.6	8.51	42.1	8.23	39.2	7.68
50% (303)	-19.8	-20.0	42.3	19.7	39.9	18.3	37.5	17.03	36.3	16.4	35.1	15.8	32.7	14.5
	-18.8	-19.0	42.3	19.1	39.9	17.8	37.5	16.6	36.3	16.0	35.1	15.4	32.7	14.2
	-16.7	-17.0	42.3	18.1	39.9	16.9	37.5	15.7	36.3	15.1	35.1	14.6	32.7	13.4
	-14.7	-15.0	42.3	17.1	39.9	16.0	37.5	14.9	36.3	14.3	35.1	13.8	32.7	12.8
	-12.6	-13.0	42.3	16.2	39.9	15.1	37.5	14.1	36.3	13.6	35.1	13.1	32.7	12.1
	-10.5	-11.0	42.3	15.3	39.9	14.3	37.5	13.4	36.3	12.9	35.1	12.4	32.7	11.5
	-9.5	-10.0	42.3	14.9	39.9	13.9	37.5	13.0	36.3	12.5	35.1	12.1	32.7	11.2
	-8.5	-9.1	42.3	14.5	39.9	13.6	37.5	12.7	36.3	12.2	35.1	11.8	32.7	10.9
	-7.0	-7.6	42.3	13.9	39.9	13.1	37.5	12.2	36.3	11.8	35.1	11.4	32.7	10.5
	-5.0	-5.6	42.3	13.2	39.9	12.4	37.5	11.6	36.3	11.2	35.1	10.8	32.7	10.0
	-3.0	-3.7	42.3	12.6	39.9	11.8	37.5	11.0	36.3	10.7	35.1	10.3	32.7	9.56
	0.0	-0.7	42.3	11.6	39.9	10.9	37.5	10.2	36.3	9.9	35.1	9.55	32.7	8.89
	3.0	2.2	42.3	10.8	39.9	10.2	37.5	9.53	36.3	9.22	35.1	8.91	32.7	8.30
	5.0	4.1	42.3	10.3	39.9	9.7	37.5	9.11	36.3	8.82	35.1	8.52	32.7	7.95
	7.0	6.0	42.3	9.8	39.9	9.28	37.5	8.71	36.3	8.44	35.1	8.16	32.7	7.62
	9.0	7.9	42.3	9.42	39.9	8.88	37.5	8.35	36.3	8.09	35.1	7.83	32.7	7.31
	11.0	9.8	42.3	9.02	39.9	8.50	37.5	8.00	36.3	7.76	35.1	7.51	32.7	7.02
	13.0	11.8	42.3	8.62	39.9	8.14	37.5	7.66	36.3	7.43	35.1	7.20	32.7	6.74
	15.0	13.7	42.3	8.27	39.9	7.81	37.5	7.36	36.3	7.14	35.1	6.92	32.7	6.49

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ26PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	-19.8	-20.0	47.6	10.71	47.4	11.8	47.3	12.8	47.2	13.3	47.1	13.8	46.9	14.9
	-18.8	-19.0	48.7	11.1	48.5	12.1	48.3	13.2	48.2	13.7	48.1	14.2	47.9	15.2
	-16.7	-17.0	50.8	11.9	50.6	12.9	50.4	13.9	50.3	14.4	50.3	14.9	50.1	15.8
	-14.7	-15.0	53.1	12.7	52.9	13.7	52.7	14.6	52.6	15.0	52.6	15.5	52.4	16.4
	-12.6	-13.0	55.6	13.5	55.4	14.4	55.2	15.3	55.1	15.7	55.0	16.1	54.8	17.0
	-10.5	-11.0	58.1	14.2	58.0	15.1	57.8	15.9	57.7	16.3	57.6	16.8	57.4	17.6
	-9.5	-10.0	59.5	14.6	59.3	15.4	59.1	16.2	59.0	16.6	58.9	17.1	58.7	17.9
	-8.5	-9.1	60.7	14.9	60.6	15.7	60.4	16.5	60.3	16.9	60.2	17.3	60.0	18.1
	-7.0	-7.6	62.9	15.4	62.7	16.2	62.5	17.0	62.4	17.3	62.3	17.7	62.1	18.5
	-5.0	-5.6	65.9	16.1	65.7	16.8	65.5	17.5	65.4	17.9	65.3	18.3	65.1	19.0
	-3.0	-3.7	68.8	16.7	68.6	17.4	68.4	18.1	68.3	18.4	68.3	18.8	68.1	19.5
	0.0	-0.7	73.7	17.5	73.6	18.2	73.4	18.8	73.3	19.2	73.2	19.5	73.0	20.2
	3.0	2.2	78.8	18.3	78.6	18.9	78.5	19.5	78.4	19.8	78.3	20.1	78.1	20.8
	5.0	4.1	82.3	18.8	82.1	19.4	82.0	20.0	81.9	20.3	81.8	20.5	81.6	21.1
	7.0	6.0	85.9	19.2	85.8	19.8	85.6	20.4	85.5	20.6	85.4	20.9	85.2	21.5
	9.0	7.9	89.7	19.7	89.5	20.2	89.3	20.7	89.2	21.0	89.1	21.3	89.0	21.8
	11.0	9.8	93.6	20.1	93.4	20.6	93.2	21.1	93.1	21.4	93.0	21.6	92.3	21.9
	13.0	11.8	97.8	20.5	97.6	21.0	97.4	21.5	97.3	21.7	97.2	22.0	92.3	20.8
	15.0	13.7	102.0	20.9	101.8	21.3	101.6	21.8	101.5	22.0	99.1	21.5	92.3	19.8
120% (780)	-19.8	-20.0	47.4	12.1	47.2	13.1	47.0	14.0	47.0	14.5	46.9	15.0	46.7	16.0
	-18.8	-19.0	48.4	12.5	48.2	13.4	48.1	14.4	48.0	14.8	47.9	15.3	47.7	16.3
	-16.7	-17.0	50.6	13.3	50.4	14.1	50.2	15.0	50.1	15.5	50.0	15.9	49.9	16.8
	-14.7	-15.0	52.9	14.0	52.7	14.8	52.5	15.7	52.4	16.1	52.3	16.5	52.2	17.4
	-12.6	-13.0	55.3	14.7	55.1	15.5	55.0	16.3	54.9	16.7	54.8	17.1	54.6	17.9
	-10.5	-11.0	57.9	15.4	57.7	16.1	57.5	16.9	57.5	17.3	57.4	17.7	57.2	18.5
	-9.5	-10.0	59.2	15.7	59.1	16.5	58.9	17.2	58.8	17.6	58.7	18.0	58.6	18.7
	-8.5	-9.1	60.5	16.0	60.3	16.7	60.1	17.5	60.1	17.8	60.0	18.2	59.8	19.0
	-7.0	-7.6	62.6	16.5	62.5	17.2	62.3	17.9	62.2	18.2	62.1	18.6	61.9	19.3
	-5.0	-5.6	65.6	17.1	65.4	17.7	65.3	18.4	65.2	18.8	65.1	19.1	64.9	19.8
	-3.0	-3.7	68.6	17.6	68.4	18.3	68.2	18.9	68.1	19.2	68.0	19.6	67.9	20.2
	0.0	-0.7	73.5	18.4	73.3	19.0	73.2	19.6	73.1	19.9	73.0	20.2	72.8	20.8
	3.0	2.2	78.6	19.1	78.4	19.7	78.2	20.3	78.1	20.5	78.1	20.8	77.9	21.4
	5.0	4.1	82.1	19.6	81.9	20.1	81.7	20.7	81.6	20.9	81.6	21.2	81.4	21.7
	7.0	6.0	85.7	20.0	85.5	20.5	85.4	21.0	85.3	21.3	85.2	21.6	85.0	22.1
	9.0	7.9	89.4	20.4	89.3	20.9	89.1	21.4	89.0	21.6	88.9	21.9	85.2	21.0
	11.0	9.8	93.3	20.8	93.2	21.3	93.0	21.7	92.9	22.0	91.5	21.7	85.2	19.9
	13.0	11.8	97.6	21.2	97.4	21.6	97.2	22.1	94.7	21.4	91.5	20.6	85.2	18.9
	15.0	13.7	101.7	21.5	101.5	21.9	97.8	21.2	94.7	20.3	91.5	19.5	85.2	18.0
110% (715)	-19.8	-20.0	47.1	13.5	47.0	14.4	46.8	15.3	46.7	15.7	46.7	16.2	46.5	17.0
	-18.8	-19.0	48.2	13.9	48.0	14.7	47.8	15.6	47.8	16.0	47.7	16.5	47.5	17.3
	-16.7	-17.0	50.3	14.6	50.2	15.4	50.0	16.2	49.9	16.6	49.8	17.0	49.7	17.9
	-14.7	-15.0	52.6	15.2	52.5	16.0	52.3	16.8	52.2	17.2	52.1	17.6	52.0	18.4
	-12.6	-13.0	55.1	15.9	54.9	16.6	54.7	17.4	54.7	17.8	54.6	18.1	54.4	18.9
	-10.5	-11.0	57.6	16.5	57.5	17.2	57.3	17.9	57.2	18.3	57.2	18.6	57.0	19.4
	-9.5	-10.0	59.0	16.8	58.8	17.5	58.7	18.2	58.6	18.5	58.5	18.9	58.4	19.6
	-8.5	-9.1	60.2	17.1	60.1	17.8	59.9	18.4	59.8	18.8	59.8	19.1	59.6	19.8
	-7.0	-7.6	62.4	17.5	62.2	18.2	62.1	18.8	62.0	19.1	61.9	19.5	61.7	20.1
	-5.0	-5.6	65.3	18.1	65.2	18.7	65.0	19.3	65.0	19.6	64.9	19.9	64.7	20.6
	-3.0	-3.7	68.3	18.6	68.1	19.2	68.0	19.8	67.9	20.1	67.8	20.3	67.7	20.9
	0.0	-0.7	73.2	19.3	73.1	19.9	72.9	20.4	72.9	20.7	72.8	21.0	72.6	21.5
	3.0	2.2	78.3	20.0	78.2	20.5	78.0	21.0	77.9	21.3	77.9	21.5	77.7	22.0
	5.0	4.1	81.8	20.4	81.7	20.9	81.5	21.4	81.4	21.6	81.3	21.9	78.1	21.1
	7.0	6.0	85.4	20.8	85.3	21.2	85.1	21.7	85.0	21.9	83.9	21.7	78.1	20.0
	9.0	7.9	89.2	21.1	89.0	21.6	88.9	22.0	86.8	21.5	83.9	20.6	78.1	19.0
	11.0	9.8	93.1	21.5	92.9	21.9	89.7	21.2	86.8	20.4	83.9	19.6	78.1	18.0
	13.0	11.8	97.3	21.8	95.4	21.6	89.7	20.1	86.8	19.3	83.9	18.6	78.1	17.1
	15.0	13.7	101.2	22.0	95.4	20.5	89.7	19.1	86.8	18.4	83.9	17.7	78.1	16.3
100% (650)	-19.8	-20.0	46.9	14.9	46.7	15.7	46.6	16.5	46.5	16.9	46.4	17.3	46.3	18.1
	-18.8	-19.0	47.9	15.2	47.8	16.0	47.6	16.8	47.5	17.2	47.5	17.6	47.3	18.4
	-16.7	-17.0	50.1	15.9	49.9	16.6	49.8	17.4	49.7	17.7	49.6	18.1	49.5	18.9
	-14.7	-15.0	52.4	16.5	52.2	17.2	52.1	17.9	52.0	18.3	51.9	18.6	51.8	19.3
	-12.6	-13.0	54.8	17.1	54.7	17.8	54.5	18.4	54.4	18.8	54.4	19.1	54.2	19.8
	-10.5	-11.0	57.4	17.6	57.2	18.3	57.1	18.9	57.0	19.3	57.0	19.6	56.8	20.2
	-9.5	-10.0	58.7	17.9	58.6	18.5	58.5	19.2	58.4	19.5	58.3	19.8	58.2	20.4
	-8.5	-9.1	60.0	18.2	59.8	18.8	59.7	19.4	59.6	19.7	59.6	20.0	59.4	20.6
	-7.0	-7.6	62.1	18.6	62.0	19.1	61.8	19.7	61.8	20.0	61.7	20.3	61.5	20.9
	-5.0	-5.6	65.1	19.1	65.0	19.6	64.8	20.2	64.7	20.5	64.7	20.8	64.5	21.3
	-3.0	-3.7	68.1	19.5	67.9	20.1	67.8	20.6	67.7	20.9	67.6	21.1	67.5	21.7
	0.0	-0.7	73.0	20.2	72.9	20.7	72.7	21.2	72.6	21.4	72.6	21.7	71.0	21.5
	3.0	2.2	78.1	20.8	77.9	21.3	77.8	21.7	77.7	22.0	76.3	21.6	71.0	19.8
	5.0	4.1	81.6	21.2	81.4	21.6	81.3	22.1	78.9	21.3	76.3	20.5	71.0	18.8
	7.0	6.0	85.2	21.5	85.0	21.9	81.5	21.0	78.9	20.2	76.3	19.4	71.0	17.9
	9.0	7.9	88.9	21.8	86.7	21.5	81.5	19.9	78.9	19.2	76.3	18.4	71.0	17.0
	11.0	9.8	92.0	21.8	86.7	20.4	81.5	18.9	78.9	18.2	76.3	17.5	71.0	16.2
	13.0	11.8	92.0	20.7	86.7	19.3	81.5	18.0	78.9	17.3	76.3	16.6	71.0	15.4
	15.0	13.7	92.0	19.7	86.7	18.4	81.5	17.1	78.9	16.5	76.3	15.9	71.0	14.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (585)	-19.8	-20.0	46.6	16.3	46.5	17.1	46.4	17.8	46.3	18.1	46.2	18.5	46.1	19.2
	-18.8	-19.0	47.7	16.6	47.5	17.3	47.4	18.0	47.3	18.4	47.3	18.7	47.1	19.4
	-16.7	-17.0	49.8	17.2	49.7	17.9	49.5	18.5	49.5	18.9	49.4	19.2	49.3	19.9
	-14.7	-15.0	52.1	17.7	52.0	18.4	51.8	19.0	51.8	19.3	51.7	19.7	51.6	20.3
	-12.6	-13.0	54.6	18.3	54.4	18.9	54.3	19.5	54.2	19.8	54.2	20.1	54.0	20.7
	-10.5	-11.0	57.1	18.8	57.0	19.4	56.9	19.9	56.8	20.2	56.8	20.5	56.6	21.1
	-9.5	-10.0	58.5	19.0	58.4	19.6	58.2	20.2	58.2	20.5	58.1	20.7	58.0	21.3
	-8.5	-9.1	59.7	19.2	59.6	19.8	59.5	20.4	59.4	20.6	59.3	20.9	59.2	21.5
	-7.0	-7.6	61.9	19.6	61.7	20.1	61.6	20.7	61.5	20.9	61.5	21.2	61.4	21.7
	-5.0	-5.6	64.8	20.1	64.7	20.6	64.6	21.1	64.5	21.3	64.5	21.6	63.9	21.9
	-3.0	-3.7	67.8	20.5	67.7	21.0	67.5	21.4	67.5	21.7	67.4	21.9	63.9	20.7
	0.0	-0.7	72.7	21.1	72.6	21.5	72.5	22.0	71.0	21.5	68.6	20.7	63.9	19.0
	3.0	2.2	77.8	21.6	77.7	22.0	73.4	20.6	71.0	19.8	68.6	19.1	63.9	17.5
	5.0	4.1	81.3	22.0	78.1	21.0	73.4	19.5	71.0	18.8	68.6	18.1	63.9	16.7
	7.0	6.0	82.8	21.4	78.1	20.0	73.4	18.5	71.0	17.9	68.6	17.2	63.9	15.8
	9.0	7.9	82.8	20.3	78.1	18.9	73.4	17.6	71.0	17.0	68.6	16.3	63.9	15.1
	11.0	9.8	82.8	19.3	78.1	18.0	73.4	16.8	71.0	16.2	68.6	15.6	63.9	14.4
	13.0	11.8	82.8	18.3	78.1	17.1	73.4	15.9	71.0	15.3	68.6	14.8	63.9	13.7
	15.0	13.7	82.8	17.4	78.1	16.3	73.4	15.2	71.0	14.6	68.6	14.1	63.9	13.1
80% (520)	-19.8	-20.0	46.4	17.7	46.3	18.4	46.1	19.0	46.1	19.3	46.0	19.7	45.9	20.3
	-18.8	-19.0	47.4	18.0	47.3	18.6	47.2	19.2	47.1	19.6	47.1	19.9	46.9	20.5
	-16.7	-17.0	49.6	18.5	49.4	19.1	49.3	19.7	49.3	20.0	49.2	20.3	49.1	20.9
	-14.7	-15.0	51.9	19.0	51.7	19.6	51.6	20.1	51.6	20.4	51.5	20.7	51.4	21.3
	-12.6	-13.0	54.3	19.5	54.2	20.0	54.1	20.5	54.0	20.8	54.0	21.1	53.8	21.6
	-10.5	-11.0	56.9	19.9	56.8	20.4	56.7	21.0	56.6	21.2	56.5	21.5	56.4	22.0
	-9.5	-10.0	58.2	20.1	58.1	20.6	58.0	21.2	57.9	21.4	57.9	21.7	56.8	21.6
	-8.5	-9.1	59.5	20.3	59.4	20.8	59.2	21.3	59.2	21.6	59.1	21.8	56.8	21.0
	-7.0	-7.6	61.6	20.6	61.5	21.1	61.4	21.6	61.3	21.8	61.0	21.9	56.8	20.1
	-5.0	-5.6	64.6	21.1	64.5	21.5	64.4	22.0	63.1	21.5	61.0	20.7	56.8	19.0
	-3.0	-3.7	67.6	21.4	67.4	21.9	65.2	21.2	63.1	20.4	61.0	19.6	56.8	18.0
	0.0	-0.7	72.5	22.0	69.4	21.0	65.2	19.5	63.1	18.7	61.0	18.0	56.8	16.6
	3.0	2.2	73.6	20.7	69.4	19.3	65.2	17.9	63.1	17.3	61.0	16.6	56.8	15.4
	5.0	4.1	73.6	19.6	69.4	18.3	65.2	17.0	63.1	16.4	61.0	15.8	56.8	14.6
	7.0	6.0	73.6	18.6	69.4	17.4	65.2	16.2	63.1	15.6	61.0	15.0	56.8	13.9
	9.0	7.9	73.6	17.7	69.4	16.5	65.2	15.4	63.1	14.9	61.0	14.3	56.8	13.3
	11.0	9.8	73.6	16.8	69.4	15.7	65.2	14.7	63.1	14.2	61.0	13.7	56.8	12.7
	13.0	11.8	73.6	16.0	69.4	15.0	65.2	14.0	63.1	13.5	61.0	13.0	56.8	12.1
	15.0	13.7	73.6	15.2	69.4	14.3	65.2	13.3	63.1	12.9	61.0	12.4	56.8	11.5
70% (455)	-19.8	-20.0	46.1	19.1	46.0	19.7	45.9	20.3	45.9	20.5	45.8	20.8	45.7	21.4
	-18.8	-19.0	47.1	19.4	47.0	19.9	46.9	20.5	46.9	20.7	46.8	21.0	46.7	21.6
	-16.7	-17.0	49.3	19.8	49.2	20.3	49.1	20.9	49.1	21.1	49.0	21.4	48.9	21.9
	-14.7	-15.0	51.6	20.2	51.5	20.7	51.4	21.2	51.4	21.5	51.3	21.7	49.7	21.2
	-12.6	-13.0	54.0	20.7	53.9	21.1	53.8	21.6	53.8	21.8	53.4	21.9	49.7	20.1
	-10.5	-11.0	56.6	21.1	56.5	21.5	56.4	22.0	55.2	21.5	53.4	20.6	49.7	19.0
	-9.5	-10.0	58.0	21.2	57.9	21.7	57.1	21.7	55.2	20.9	53.4	20.0	49.7	18.4
	-8.5	-9.1	59.2	21.4	59.1	21.9	57.1	21.1	55.2	20.3	53.4	19.5	49.7	18.0
	-7.0	-7.6	61.4	21.7	60.7	21.8	57.1	20.2	55.2	19.5	53.4	18.7	49.7	17.2
	-5.0	-5.6	64.3	22.1	60.7	20.6	57.1	19.1	55.2	18.4	53.4	17.7	49.7	16.3
	-3.0	-3.7	64.4	20.9	60.7	19.5	57.1	18.1	55.2	17.4	53.4	16.8	49.7	15.5
	0.0	-0.7	64.4	19.2	60.7	17.9	57.1	16.7	55.2	16.1	53.4	15.5	49.7	14.3
	3.0	2.2	64.4	17.7	60.7	16.5	57.1	15.4	55.2	14.9	53.4	14.3	49.7	13.3
	5.0	4.1	64.4	16.8	60.7	15.7	57.1	14.7	55.2	14.2	53.4	13.6	49.7	12.6
	7.0	6.0	64.4	16.0	60.7	15.0	57.1	14.0	55.2	13.5	53.4	13.0	49.7	12.1
	9.0	7.9	64.4	15.2	60.7	14.2	57.1	13.3	55.2	12.9	53.4	12.4	49.7	11.5
	11.0	9.8	64.4	14.5	60.7	13.6	57.1	12.7	55.2	12.3	53.4	11.8	49.7	11.0
	13.0	11.8	64.4	13.8	60.7	12.9	57.1	12.1	55.2	11.7	53.4	11.3	49.7	10.5
	15.0	13.7	64.4	13.2	60.7	12.4	57.1	11.6	55.2	11.2	53.4	10.8	49.7	10.1
60% (390)	-19.8	-20.0	45.9	20.6	45.8	21.0	45.7	21.5	45.7	21.8	45.6	22.0	42.6	20.3
	-18.8	-19.0	46.9	20.7	46.8	21.2	46.7	21.7	46.7	21.9	45.8	21.5	42.6	19.8
	-16.7	-17.0	49.1	21.1	49.0	21.6	48.9	22.0	47.3	21.2	45.8	20.4	42.6	18.7
	-14.7	-15.0	51.4	21.5	51.3	21.9	48.9	20.8	47.3	20.0	45.8	19.3	42.6	17.7
	-12.6	-13.0	53.8	21.8	52.0	21.2	48.9	19.7	47.3	18.9	45.8	18.2	42.6	16.8
	-10.5	-11.0	55.2	21.5	52.0	20.0	48.9	18.6	47.3	17.9	45.8	17.2	42.6	15.9
	-9.5	-10.0	55.2	20.9	52.0	19.5	48.9	18.1	47.3	17.4	45.8	16.8	42.6	15.5
	-8.5	-9.1	55.2	20.3	52.0	19.0	48.9	17.6	47.3	17.0	45.8	16.3	42.6	15.1
	-7.0	-7.6	55.2	19.5	52.0	18.2	48.9	16.9	47.3	16.3	45.8	15.7	42.6	14.5
	-5.0	-5.6	55.2	18.4	52.0	17.2	48.9	16.0	47.3	15.4	45.8	14.9	42.6	13.8
	-3.0	-3.7	55.2	17.4	52.0	16.3	48.9	15.2	47.3	14.7	45.8	14.1	42.6	13.1
	0.0	-0.7	55.2	16.1	52.0	15.0	48.9	14.0	47.3	13.6	45.8	13.1	42.6	12.1
	3.0	2.2	55.2	14.9	52.0	13.9	48.9	13.0	47.3	12.6	45.8	12.1	42.6	11.3
	5.0	4.1	55.2	14.1	52.0	13.3	48.9	12.4	47.3	12.0	45.8	11.6	42.6	10.8
	7.0	6.0	55.2	13.5	52.0	12.7	48.9	11.8	47.3	11.5	45.8	11.1	42.6	10.3
	9.0	7.9	55.2	12.9	52.0	12.1	48.9	11.3	47.3	10.9	45.8	10.6	42.6	9.85
	11.0	9.8	55.2	12.3	52.0	11.5	48.9	10.8	47.3	10.5	45.8	10.1	42.6	9.43
	13.0	11.8	55.2	11.7	52.0	11.0	48.9	10.3	47.3	10.0	45.8	9.67	42.6	9.02
	15.0	13.7	55.2	11.2	52.0	10.5	48.9	9.9	47.3	9.6	45.8	9.27	42.6	8.66
50% (325)	-19.8	-20.0	45.6	22.0	43.4	20.7	40.8	19.3	39.4	18.5	38.1	17.8	35.5	16.4
	-18.8	-19.0	46.0	21.6	43.4	20.2	40.8	18.7	39.4	18.0	38.1	17.4	35.5	16.0
	-16.7	-17.0	46.0	20.5	43.4	19.1	40.8	17.8	39.4	17.1	38.1	16.5	35.5	15.2
	-14.7	-15.0	46.0	19.4	43.4	18.1	40.8	16.8	39.4	16.2	38.1	15.6	35.5	14.4
	-12.6	-13.0	46.0	18.3	43.4	17.1	40.8	16.0	39.4	15.4	38.1	14.8	35.5	13.7
	-10.5	-11.0	46.0	17.3	43.4	16.2	40.8	15.1	39.4	14.6	38.1	14.0	35.5	13.0
	-9.5	-10.0	46.0	16.9	43.4	15.8	40.8	14.7	39.4	14.2	38.1	13.7	35.5	12.7
	-8.5	-9.1	46.0	16.4	43.4	15.4	40.8	14.4	39.4	13.9	38.1	13.4	35.5	12.4
	-7.0	-7.6	46.0	15.8	43.4	14.8	40.8	13.8	39.4	13.3	38.1	12.9	35.5	11.9
	-5.0	-5.6	46.0	14.9	43.4	14.0	40.8	13.1	39.4	12.7	38.1	12.2	35.5	11.3
	-3.0	-3.7	46.0	14.2	43.4	13.3	40.8	12.5	39.4	12.1	38.1	11.6	35.5	10.8
	0.0	-0.7	46.0	13.1	43.4	12.3	40.8	11.6	39.4	11.2	38.1	10.8	35.5	10.05
	3.0	2.2	46.0	12.2	43.4	11.5	40.8	10.8	39.4	10.4	38.1	10.07	35.5	9.38
	5.0	4.1	46.0	11.6	43.4	11.0	40.8	10.3	39.4	9.96	38.1	9.63	35.5	8.98
	7.0	6.0	46.0	11.1	43.4	10.5	40.8	9.84	39.4	9.53	38.1	9.22	35.5	8.61
	9.0	7.9	46.0	10.6	43.4	10.0	40.8	9.42	39.4	9.12	38.1	8.83	35.5	8.25
	11.0	9.8	46.0	10.2	43.4	9.59	40.8	9.03	39.4	8.75	38.1	8.47	35.5	7.92
	13.0	11.8	46.0	9.7	43.4	9.18	40.8	8.64	39.4	8.38	38.1	8.12	35.5	7.60
	15.0	13.7	46.0	9.32	43.4	8.80	40.8	8.30	39.4	8.05	38.1	7.80	35.5	7.31

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ28PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	-19.8	-20.0	51.8	12.2	51.6	13.4	51.4	14.5	51.3	15.1	51.2	15.7	51.0	16.9
	-18.8	-19.0	52.7	12.6	52.5	13.8	52.3	14.9	52.2	15.4	52.1	16.0	51.9	17.1
	-16.7	-17.0	54.7	13.4	54.5	14.5	54.3	15.6	54.2	16.1	54.1	16.7	53.9	17.8
	-14.7	-15.0	57.0	14.2	56.8	15.2	56.6	16.3	56.5	16.8	56.4	17.3	56.2	18.4
	-12.6	-13.0	59.4	15.0	59.2	16.0	59.0	17.0	58.9	17.5	58.8	18.0	58.6	19.0
	-10.5	-11.0	62.1	15.8	61.9	16.8	61.7	17.7	61.6	18.2	61.5	18.7	61.3	19.6
	-9.5	-10.0	63.6	16.2	63.4	17.2	63.2	18.1	63.1	18.6	63.0	19.0	62.8	19.9
	-8.5	-9.1	64.9	16.6	64.7	17.5	64.5	18.4	64.4	18.9	64.3	19.3	64.1	20.2
	-7.0	-7.6	67.3	17.2	67.1	18.1	66.9	18.9	66.8	19.4	66.7	19.8	66.5	20.7
	-5.0	-5.6	70.6	18.0	70.4	18.8	70.2	19.6	70.1	20.0	70.0	20.5	69.8	21.3
	-3.0	-3.7	74.0	18.7	73.8	19.5	73.6	20.2	73.5	20.6	73.4	21.0	73.2	21.8
	0.0	-0.7	79.8	19.7	79.6	20.5	79.4	21.2	79.3	21.6	79.2	21.9	79.0	22.7
	3.0	2.2	85.9	20.7	85.7	21.4	85.5	22.0	85.4	22.4	85.3	22.7	85.1	23.4
	5.0	4.1	90.2	21.3	90.0	21.9	89.8	22.6	89.7	22.9	89.6	23.2	89.4	23.9
	7.0	6.0	94.6	21.8	94.4	22.5	94.2	23.1	94.1	23.4	94.0	23.7	93.8	24.3
	9.0	7.9	99.3	22.4	99.1	23.0	98.9	23.5	98.8	23.8	98.7	24.1	98.5	24.7
	11.0	9.8	104.2	22.9	104.0	23.4	103.8	24.0	103.7	24.3	103.6	24.5	99.7	23.7
	13.0	11.8	109.6	23.4	109.4	23.9	109.2	24.4	109.1	24.7	107.0	24.3	99.7	22.3
	15.0	13.7	115	23.8	115	24.3	114	24.8	111	23.8	107	22.9	99.7	21.0
120% (840)	-19.8	-20.0	51.5	13.8	51.4	14.9	51.2	15.9	51.1	16.5	51.0	17.0	50.8	18.1
	-18.8	-19.0	52.5	14.1	52.3	15.2	52.1	16.2	52.0	16.8	51.9	17.3	51.7	18.3
	-16.7	-17.0	54.5	14.9	54.3	15.9	54.1	16.9	54.0	17.4	53.9	17.9	53.7	18.9
	-14.7	-15.0	56.7	15.6	56.5	16.6	56.3	17.5	56.2	18.0	56.1	18.5	56.0	19.5
	-12.6	-13.0	59.2	16.4	59.0	17.3	58.8	18.2	58.7	18.7	58.6	19.1	58.4	20.0
	-10.5	-11.0	61.9	17.1	61.7	18.0	61.5	18.9	61.4	19.3	61.3	19.8	61.1	20.6
	-9.5	-10.0	63.3	17.5	63.1	18.3	62.9	19.2	62.8	19.6	62.8	20.1	62.6	20.9
	-8.5	-9.1	64.7	17.8	64.5	18.7	64.3	19.5	64.2	19.9	64.1	20.3	63.9	21.2
	-7.0	-7.6	67.0	18.4	66.8	19.2	66.6	20.0	66.5	20.4	66.5	20.8	66.3	21.6
	-5.0	-5.6	70.4	19.1	70.2	19.8	70.0	20.6	69.9	21.0	69.8	21.4	69.6	22.2
	-3.0	-3.7	73.7	19.7	73.6	20.5	73.4	21.2	73.3	21.6	73.2	21.9	73.0	22.7
	0.0	-0.7	79.5	20.7	79.3	21.4	79.2	22.1	79.1	22.4	79.0	22.7	78.8	23.4
	3.0	2.2	85.6	21.6	85.4	22.2	85.3	22.9	85.2	23.2	85.1	23.5	84.9	24.1
	5.0	4.1	89.9	22.1	89.7	22.7	89.5	23.3	89.4	23.6	89.3	23.9	89.2	24.5
	7.0	6.0	94.4	22.7	94.2	23.2	94.0	23.8	93.9	24.1	93.8	24.4	92.0	24.3
	9.0	7.9	99.1	23.2	98.9	23.7	98.7	24.2	98.6	24.5	98.5	24.8	92.0	22.9
	11.0	9.8	104.0	23.6	103.8	24.1	103.6	24.6	102.2	24.4	98.8	23.5	92.0	21.5
	13.0	11.8	109.3	24.1	109.2	24.6	105.6	23.9	102.2	22.9	98.8	22.0	92.0	20.3
	15.0	13.7	115	24.5	112	24.3	106	22.5	102	21.7	98.8	20.8	92.0	19.2
110% (770)	-19.8	-20.0	51.3	15.4	51.1	16.3	50.9	17.3	50.8	17.8	50.8	18.3	50.6	19.3
	-18.8	-19.0	52.2	15.7	52.0	16.6	51.8	17.6	51.8	18.1	51.7	18.6	51.5	19.5
	-16.7	-17.0	54.2	16.3	54.0	17.3	53.8	18.2	53.8	18.6	53.7	19.1	53.5	20.0
	-14.7	-15.0	56.4	17.0	56.3	17.9	56.1	18.8	56.0	19.2	55.9	19.7	55.7	20.6
	-12.6	-13.0	58.9	17.7	58.7	18.6	58.6	19.4	58.5	19.8	58.4	20.2	58.2	21.1
	-10.5	-11.0	61.6	18.4	61.4	19.2	61.3	20.0	61.2	20.4	61.1	20.8	60.9	21.6
	-9.5	-10.0	63.0	18.7	62.9	19.5	62.7	20.3	62.6	20.7	62.5	21.1	62.4	21.9
	-8.5	-9.1	64.4	19.0	64.2	19.8	64.0	20.6	64.0	21.0	63.9	21.4	63.7	22.1
	-7.0	-7.6	66.7	19.6	66.6	20.3	66.4	21.0	66.3	21.4	66.2	21.8	66.1	22.5
	-5.0	-5.6	70.1	20.2	69.9	20.9	69.7	21.6	69.7	22.0	69.6	22.3	69.4	23.0
	-3.0	-3.7	73.5	20.8	73.3	21.5	73.1	22.1	73.0	22.5	73.0	22.8	72.8	23.5
	0.0	-0.7	79.3	21.7	79.1	22.3	78.9	22.9	78.8	23.3	78.8	23.6	78.6	24.2
	3.0	2.2	85.4	22.5	85.2	23.1	85.0	23.7	84.9	24.0	84.8	24.2	84.4	24.7
	5.0	4.1	89.6	23.0	89.5	23.6	89.3	24.1	89.2	24.4	89.1	24.7	84.4	23.2
	7.0	6.0	94.1	23.5	93.9	24.0	93.8	24.5	93.7	24.8	90.6	23.8	84.4	21.9
	9.0	7.9	98.8	23.9	98.6	24.4	96.8	24.3	93.7	23.4	90.6	22.4	84.4	20.6
	11.0	9.8	103.7	24.4	103.0	24.7	96.8	22.9	93.7	22.0	90.6	21.2	84.4	19.5
	13.0	11.8	109.1	24.8	103.0	23.2	96.8	21.5	93.7	20.7	90.6	19.9	84.4	18.3
	15.0	13.7	109	23.4	103	21.9	96.8	20.3	93.7	19.6	90.6	18.8	84.4	17.4
100% (700)	-19.8	-20.0	51.0	16.9	50.8	17.8	50.7	18.7	50.6	19.1	50.5	19.6	50.4	20.5
	-18.8	-19.0	51.9	17.2	51.8	18.1	51.6	19.0	51.5	19.4	51.4	19.8	51.3	20.7
	-16.7	-17.0	53.9	17.8	53.8	18.6	53.6	19.5	53.5	19.9	53.4	20.3	53.3	21.2
	-14.7	-15.0	56.1	18.4	56.0	19.2	55.8	20.0	55.8	20.4	55.7	20.8	55.5	21.6
	-12.6	-13.0	58.6	19.1	58.5	19.8	58.3	20.6	58.2	21.0	58.2	21.4	58.0	22.1
	-10.5	-11.0	61.3	19.7	61.2	20.4	61.0	21.2	60.9	21.5	60.9	21.9	60.7	22.6
	-9.5	-10.0	62.8	20.0	62.6	20.7	62.5	21.4	62.4	21.8	62.3	22.1	62.2	22.9
	-8.5	-9.1	64.1	20.3	64.0	21.0	63.8	21.7	63.7	22.0	63.7	22.4	63.5	23.1
	-7.0	-7.6	66.5	20.7	66.3	21.4	66.2	22.1	66.1	22.4	66.0	22.8	65.9	23.4
	-5.0	-5.6	69.8	21.3	69.7	22.0	69.5	22.6	69.4	22.9	69.3	23.2	69.2	23.9
	-3.0	-3.7	73.2	21.9	73.0	22.5	72.9	23.1	72.8	23.4	72.7	23.7	72.6	24.3
	0.0	-0.7	79.0	22.7	78.8	23.3	78.7	23.8	78.6	24.1	78.5	24.4	76.7	24.1
	3.0	2.2	85.1	23.4	84.9	24.0	84.8	24.5	84.7	24.7	82.3	24.0	76.7	22.0
	5.0	4.1	89.4	23.9	89.2	24.4	88.0	24.4	85.2	23.5	82.3	22.6	76.7	20.7
	7.0	6.0	93.8	24.3	93.7	24.8	88.0	23.0	85.2	22.1	82.3	21.3	76.7	19.6
	9.0	7.9	98.5	24.7	93.7	23.3	88.0	21.7	85.2	20.9	82.3	20.1	76.7	18.5
	11.0	9.8	99.3	23.6	93.7	22.0	88.0	20.4	85.2	19.7	82.3	18.9	76.7	17.5
	13.0	11.8	99.3	22.2	93.7	20.7	88.0	19.3	85.2	18.5	82.3	17.9	76.7	16.5
	15.0	13.7	99.3	20.9	93.7	19.6	88.0	18.2	85.2	17.5	82.3	16.9	76.7	15.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (630)	-19.8	-20.0	50.7	18.5	50.6	19.3	50.4	20.1	50.4	20.5	50.3	20.9	50.2	21.7
	-18.8	-19.0	51.6	18.7	51.5	19.5	51.4	20.3	51.3	20.7	51.2	21.1	51.1	21.9
	-16.7	-17.0	53.6	19.3	53.5	20.0	53.4	20.8	53.3	21.2	53.2	21.5	53.1	22.3
	-14.7	-15.0	55.9	19.8	55.7	20.6	55.6	21.3	55.5	21.6	55.5	22.0	55.3	22.7
	-12.6	-13.0	58.3	20.4	58.2	21.1	58.1	21.8	58.0	22.1	57.9	22.5	57.8	23.2
	-10.5	-11.0	61.1	21.0	60.9	21.6	60.8	22.3	60.7	22.6	60.6	22.9	60.5	23.6
	-9.5	-10.0	62.5	21.3	62.4	21.9	62.2	22.5	62.2	22.9	62.1	23.2	61.9	23.8
	-8.5	-9.1	63.8	21.5	63.7	22.1	63.6	22.8	63.5	23.1	63.4	23.4	63.3	24.0
	-7.0	-7.6	66.2	21.9	66.1	22.5	65.9	23.1	65.8	23.4	65.8	23.7	65.6	24.3
	-5.0	-5.6	69.5	22.5	69.4	23.0	69.3	23.6	69.2	23.9	69.1	24.2	69.0	24.8
	-3.0	-3.7	72.9	22.9	72.8	23.5	72.7	24.0	72.6	24.3	72.5	24.6	69.0	23.4
	0.0	-0.7	78.7	23.7	78.6	24.2	78.4	24.7	76.7	24.1	74.1	23.1	69.0	21.3
	3.0	2.2	84.8	24.4	84.3	24.6	79.2	22.9	76.7	22.0	74.1	21.1	69.0	19.5
	5.0	4.1	89.1	24.8	84.3	23.2	79.2	21.5	76.7	20.7	74.1	19.9	69.0	18.4
	7.0	6.0	89.4	23.4	84.3	21.9	79.2	20.3	76.7	19.6	74.1	18.8	69.0	17.4
	9.0	7.9	89.4	22.1	84.3	20.6	79.2	19.2	76.7	18.5	74.1	17.8	69.0	16.4
	11.0	9.8	89.4	20.8	84.3	19.5	79.2	18.1	76.7	17.5	74.1	16.8	69.0	15.5
	13.0	11.8	89.4	19.6	84.3	18.3	79.2	17.1	76.7	16.5	74.1	15.9	69.0	14.7
	15.0	13.7	89.4	18.5	84.3	17.3	79.2	16.2	76.7	15.6	74.1	15.0	69.0	13.9
80% (560)	-19.8	-20.0	50.5	20.0	50.3	20.7	50.2	21.5	50.1	21.8	50.1	22.2	50.0	22.9
	-18.8	-19.0	51.4	20.3	51.2	21.0	51.1	21.7	51.1	22.0	51.0	22.4	50.9	23.1
	-16.7	-17.0	53.4	20.8	53.2	21.4	53.1	22.1	53.1	22.4	53.0	22.8	52.9	23.4
	-14.7	-15.0	55.6	21.3	55.5	21.9	55.4	22.5	55.3	22.9	55.2	23.2	55.1	23.8
	-12.6	-13.0	58.1	21.8	58.0	22.4	57.8	23.0	57.8	23.3	57.7	23.6	57.6	24.2
	-10.5	-11.0	60.8	22.3	60.7	22.8	60.5	23.4	60.5	23.7	60.4	24.0	60.3	24.6
	-9.5	-10.0	62.2	22.5	62.1	23.1	62.0	23.7	61.9	23.9	61.9	24.2	61.4	24.6
	-8.5	-9.1	63.6	22.7	63.5	23.3	63.3	23.8	63.3	24.1	63.2	24.4	61.4	23.9
	-7.0	-7.6	65.9	23.1	65.8	23.6	65.7	24.2	65.6	24.4	65.6	24.7	61.4	22.9
	-5.0	-5.6	69.3	23.6	69.1	24.1	69.0	24.6	68.1	24.4	65.9	23.4	61.4	21.5
	-3.0	-3.7	72.7	24.0	72.5	24.5	70.4	23.9	68.1	23.0	65.9	22.1	61.4	20.3
	0.0	-0.7	78.4	24.7	74.9	23.4	70.4	21.8	68.1	21.0	65.9	20.1	61.4	18.6
	3.0	2.2	79.4	22.9	74.9	21.4	70.4	19.9	68.1	19.2	65.9	18.4	61.4	17.0
	5.0	4.1	79.4	21.6	74.9	20.2	70.4	18.8	68.1	18.1	65.9	17.4	61.4	16.1
	7.0	6.0	79.4	20.4	74.9	19.0	70.4	17.7	68.1	17.1	65.9	16.5	61.4	15.2
	9.0	7.9	79.4	19.2	74.9	18.0	70.4	16.8	68.1	16.2	65.9	15.6	61.4	14.4
	11.0	9.8	79.4	18.2	74.9	17.0	70.4	15.9	68.1	15.3	65.9	14.8	61.4	13.7
	13.0	11.8	79.4	17.1	74.9	16.1	70.4	15.0	68.1	14.5	65.9	14.0	61.4	13.0
	15.0	13.7	79.4	16.2	74.9	15.2	70.4	14.2	68.1	13.7	65.9	13.3	61.4	12.3
70% (490)	-19.8	-20.0	50.2	21.6	50.1	22.2	50.0	22.8	49.9	23.1	49.9	23.5	49.7	24.1
	-18.8	-19.0	51.1	21.8	51.0	22.4	50.9	23.0	50.8	23.3	50.8	23.6	50.7	24.2
	-16.7	-17.0	53.1	22.2	53.0	22.8	52.9	23.4	52.8	23.7	52.8	24.0	52.7	24.6
	-14.7	-15.0	55.3	22.7	55.2	23.2	55.1	23.8	55.1	24.1	55.0	24.3	53.7	24.1
	-12.6	-13.0	57.8	23.1	57.7	23.6	57.6	24.2	57.5	24.4	57.5	24.7	53.7	22.8
	-10.5	-11.0	60.5	23.5	60.4	24.1	60.3	24.6	59.6	24.4	57.6	23.5	53.7	21.5
	-9.5	-10.0	62.0	23.8	61.8	24.3	61.6	24.7	59.6	23.7	57.6	22.8	53.7	20.9
	-8.5	-9.1	63.3	24.0	63.2	24.4	61.6	24.0	59.6	23.1	57.6	22.2	53.7	20.4
	-7.0	-7.6	65.7	24.3	65.5	24.8	61.6	23.0	59.6	22.1	57.6	21.2	53.7	19.5
	-5.0	-5.6	69.0	24.7	65.6	23.3	61.6	21.6	59.6	20.8	57.6	20.0	53.7	18.4
	-3.0	-3.7	69.5	23.6	65.6	22.0	61.6	20.4	59.6	19.7	57.6	18.9	53.7	17.4
	0.0	-0.7	69.5	21.5	65.6	20.0	61.6	18.6	59.6	18.0	57.6	17.3	53.7	16.0
	3.0	2.2	69.5	19.6	65.6	18.3	61.6	17.1	59.6	16.5	57.6	15.9	53.7	14.7
	5.0	4.1	69.5	18.5	65.6	17.3	61.6	16.2	59.6	15.6	57.6	15.0	53.7	13.9
	7.0	6.0	69.5	17.5	65.6	16.4	61.6	15.3	59.6	14.8	57.6	14.2	53.7	13.2
	9.0	7.9	69.5	16.5	65.6	15.5	61.6	14.5	59.6	14.0	57.6	13.5	53.7	12.5
	11.0	9.8	69.5	15.7	65.6	14.7	61.6	13.7	59.6	13.3	57.6	12.8	53.7	11.9
	13.0	11.8	69.5	14.8	65.6	13.9	61.6	13.0	59.6	12.6	57.6	12.1	53.7	11.3
	15.0	13.7	69.5	14.0	65.6	13.2	61.6	12.4	59.6	12.0	57.6	11.6	53.7	10.8
60% (420)	-19.8	-20.0	49.9	23.2	49.8	23.7	49.7	24.2	49.7	24.5	49.4	24.6	46.0	22.6
	-18.8	-19.0	50.8	23.3	50.7	23.9	50.6	24.4	50.6	24.6	49.4	24.0	46.0	22.1
	-16.7	-17.0	52.8	23.7	52.7	24.2	52.6	24.7	51.1	23.9	49.4	22.9	46.0	21.1
	-14.7	-15.0	55.1	24.1	55.0	24.6	52.8	23.6	51.1	22.7	49.4	21.8	46.0	20.0
	-12.6	-13.0	57.5	24.5	56.2	24.1	52.8	22.3	51.1	21.5	49.4	20.7	46.0	19.0
	-10.5	-11.0	59.6	24.4	56.2	22.7	52.8	21.1	51.1	20.3	49.4	19.6	46.0	18.0
	-9.5	-10.0	59.6	23.7	56.2	22.1	52.8	20.5	51.1	19.8	49.4	19.0	46.0	17.5
	-8.5	-9.1	59.6	23.1	56.2	21.5	52.8	20.0	51.1	19.3	49.4	18.5	46.0	17.1
	-7.0	-7.6	59.6	22.1	56.2	20.6	52.8	19.2	51.1	18.5	49.4	17.8	46.0	16.4
	-5.0	-5.6	59.6	20.8	56.2	19.4	52.8	18.1	51.1	17.4	49.4	16.8	46.0	15.5
	-3.0	-3.7	59.6	19.6	56.2	18.4	52.8	17.1	51.1	16.5	49.4	15.9	46.0	14.7
	0.0	-0.7	59.6	18.0	56.2	16.8	52.8	15.7	51.1	15.1	49.4	14.6	46.0	13.5
	3.0	2.2	59.6	16.5	56.2	15.4	52.8	14.4	51.1	13.9	49.4	13.4	46.0	12.5
	5.0	4.1	59.6	15.6	56.2	14.6	52.8	13.7	51.1	13.2	49.4	12.8	46.0	11.9
	7.0	6.0	59.6	14.8	56.2	13.9	52.8	13.0	51.1	12.5	49.4	12.1	46.0	11.3
	9.0	7.9	59.6	14.0	56.2	13.1	52.8	12.3	51.1	11.9	49.4	11.5	46.0	10.7
	11.0	9.8	59.6	13.3	56.2	12.5	52.8	11.7	51.1	11.3	49.4	11.0	46.0	10.2
	13.0	11.8	59.6	12.6	56.2	11.8	52.8	11.1	51.1	10.8	49.4	10.4	46.0	9.71
	15.0	13.7	59.6	12.0	56.2	11.3	52.8	10.6	51.1	10.3	49.4	9.9	46.0	9.27
50% (350)	-19.8	-20.0	49.6	24.7	46.8	23.0	44.0	21.4	42.6	20.6	41.2	19.8	38.3	18.2
	-18.8	-19.0	49.7	24.2	46.8	22.5	44.0	20.9	42.6	20.2	41.2	19.4	38.3	17.9
	-16.7	-17.0	49.7	23.0	46.8	21.5	44.0	20.0	42.6	19.2	41.2	18.5	38.3	17.1
	-14.7	-15.0	49.7	21.9	46.8	20.5	44.0	19.0	42.6	18.3	41.2	17.6	38.3	16.3
	-12.6	-13.0	49.7	20.8	46.8	19.4	44.0	18.1	42.6	17.4	41.2	16.8	38.3	15.5
	-10.5	-11.0	49.7	19.7	46.8	18.4	44.0	17.1	42.6	16.5	41.2	15.9	38.3	14.7
	-9.5	-10.0	49.7	19.1	46.8	17.9	44.0	16.7	42.6	16.1	41.2	15.5	38.3	14.4
	-8.5	-9.1	49.7	18.7	46.8	17.5	44.0	16.3	42.6	15.7	41.2	15.1	38.3	14.0
	-7.0	-7.6	49.7	17.9	46.8	16.7	44.0	15.6	42.6	15.1	41.2	14.5	38.3	13.5
	-5.0	-5.6	49.7	16.9	46.8	15.8	44.0	14.8	42.6	14.3	41.2	13.8	38.3	12.8
	-3.0	-3.7	49.7	16.0	46.8	15.0	44.0	14.0	42.6	13.5	41.2	13.1	38.3	12.1
	0.0	-0.7	49.7	14.7	46.8	13.8	44.0	12.9	42.6	12.5	41.2	12.0	38.3	11.2
	3.0	2.2	49.7	13.5	46.8	12.7	44.0	11.9	42.6	11.5	41.2	11.1	38.3	10.39
	5.0	4.1	49.7	12.8	46.8	12.1	44.0	11.3	42.6	11.0	41.2	10.6	38.3	9.89
	7.0	6.0	49.7	12.2	46.8	11.5	44.0	10.8	42.6	10.4	41.2	10.10	38.3	9.43
	9.0	7.9	49.7	11.6	46.8	10.9	44.0	10.3	42.6	9.94	41.2	9.62	38.3	8.99
	11.0	9.8	49.7	11.0	46.8	10.4	44.0	9.78	42.6	9.47	41.2	9.18	38.3	8.59
	13.0	11.8	49.7	10.5	46.8	9.9	44.0	9.30	42.6	9.02	41.2	8.74	38.3	8.19
	15.0	13.7	49.7	10.0	46.8	9.42	44.0	8.88	42.6	8.62	41.2	8.36	38.3	7.83

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ30PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (981)	-19.8	-20.0	55.2	12.8	54.9	14.0	54.7	15.2	54.6	15.9	54.5	16.5	54.3	17.7
	-18.8	-19.0	56.1	13.2	55.9	14.4	55.7	15.6	55.6	16.2	55.5	16.8	55.3	18.0
	-16.7	-17.0	58.3	14.0	58.1	15.2	57.9	16.4	57.8	16.9	57.7	17.5	57.4	18.7
	-13.7	-15.0	60.7	14.9	60.5	16.0	60.3	17.1	60.2	17.7	60.1	18.2	59.8	19.3
	-11.8	-13.0	63.3	15.8	63.1	16.8	62.9	17.9	62.8	18.4	62.7	18.9	62.5	20.0
	-9.8	-11.0	66.2	16.6	66.0	17.6	65.8	18.6	65.7	19.1	65.6	19.6	65.4	20.7
	-9.5	-10.0	67.8	17.1	67.5	18.0	67.3	19.0	67.2	19.5	67.1	20.0	66.9	21.0
	-8.5	-9.1	69.2	17.4	69.0	18.4	68.8	19.4	68.7	19.8	68.5	20.3	68.3	21.3
	-7.0	-7.6	71.7	18.1	71.5	19.0	71.3	19.9	71.2	20.4	71.0	20.8	70.8	21.8
	-5.0	-5.6	75.2	18.9	75.0	19.7	74.8	20.6	74.7	21.1	74.6	21.5	74.4	22.4
	-3.0	-3.7	78.8	19.6	78.6	20.4	78.4	21.3	78.3	21.7	78.2	22.1	78.0	23.0
	0.0	-0.7	84.9	20.7	84.7	21.5	84.5	22.3	84.4	22.7	84.3	23.1	84.1	23.8
	3.0	2.2	91.4	21.7	91.1	22.5	90.9	23.2	90.8	23.5	90.7	23.9	90.5	24.6
	5.0	4.1	95.8	22.4	95.6	23.0	95.4	23.7	95.3	24.1	95.2	24.4	95.0	25.1
	7.0	6.0	100.6	22.9	100.3	23.6	100.1	24.2	100.0	24.6	99.9	24.9	99.7	25.5
	9.0	7.9	105	23.5	105	24.1	105	24.7	105	25.1	105	25.4	105	26.0
	11.0	9.8	111	24.0	110	24.6	110	25.2	110	25.5	110	25.8	106	25.2
	13.0	11.8	116	24.6	116	25.1	116	25.7	116	26.0	114	25.8	106	23.7
	15.0	13.7	122	25.0	122	25.6	121	26.1	118	25.3	114	24.3	106	22.4
120% (906)	-19.8	-20.0	54.9	14.5	54.7	15.6	54.5	16.7	54.4	17.3	54.3	17.8	54.1	19.0
	-18.8	-19.0	55.9	14.8	55.7	15.9	55.5	17.0	55.4	17.6	55.3	18.2	55.1	19.3
	-16.7	-17.0	58.0	15.6	57.8	16.7	57.6	17.7	57.5	18.3	57.4	18.8	57.2	19.9
	-13.7	-15.0	60.4	16.4	60.2	17.4	60.0	18.4	59.9	18.9	59.8	19.5	59.6	20.5
	-11.8	-13.0	63.1	17.2	62.9	18.2	62.7	19.1	62.6	19.6	62.5	20.1	62.3	21.1
	-9.8	-11.0	65.9	18.0	65.7	18.9	65.5	19.8	65.4	20.3	65.3	20.8	65.1	21.7
	-9.5	-10.0	67.5	18.4	67.3	19.3	67.1	20.2	67.0	20.6	66.9	21.1	66.7	22.0
	-8.5	-9.1	68.9	18.7	68.7	19.6	68.5	20.5	68.4	20.9	68.3	21.4	68.1	22.3
	-7.0	-7.6	71.4	19.3	71.2	20.2	71.0	21.0	70.9	21.4	70.8	21.9	70.6	22.7
	-5.0	-5.6	74.9	20.1	74.7	20.9	74.5	21.7	74.4	22.1	74.3	22.5	74.1	23.3
	-3.0	-3.7	78.5	20.7	78.3	21.5	78.1	22.3	78.0	22.7	77.9	23.1	77.7	23.8
	0.0	-0.7	84.6	21.8	84.4	22.5	84.2	23.2	84.1	23.6	84.0	23.9	83.8	24.6
	3.0	2.2	91.1	22.7	90.9	23.4	90.7	24.0	90.6	24.4	90.5	24.7	90.3	25.4
	5.0	4.1	95.6	23.3	95.4	23.9	95.2	24.5	95.1	24.9	95.0	25.2	94.8	25.8
	7.0	6.0	100.3	23.8	100.1	24.4	99.9	25.0	99.8	25.3	99.7	25.6	98.3	25.7
	9.0	7.9	105	24.3	105	24.9	105	25.5	105	25.8	105	26.1	98.3	24.3
	11.0	9.8	110	24.8	110	25.4	110	25.9	109	25.9	106	24.9	98.3	22.9
	13.0	11.8	116	25.3	116	25.8	113	25.4	109	24.4	106	23.4	98.3	21.6
	15.0	13.7	122	25.8	120	25.8	113	23.9	109	23.0	106	22.1	98.3	20.4
110% (831)	-19.8	-20.0	54.6	16.1	54.4	17.1	54.2	18.2	54.1	18.7	54.0	19.2	53.9	20.2
	-18.8	-19.0	55.6	16.5	55.4	17.5	55.2	18.5	55.1	19.0	55.0	19.5	54.8	20.5
	-16.7	-17.0	57.7	17.2	57.5	18.1	57.4	19.1	57.3	19.6	57.2	20.1	57.0	21.1
	-13.7	-15.0	60.1	17.9	59.9	18.8	59.8	19.8	59.7	20.2	59.6	20.7	59.4	21.6
	-11.8	-13.0	62.8	18.6	62.6	19.5	62.4	20.4	62.3	20.8	62.2	21.3	62.0	22.2
	-9.8	-11.0	65.6	19.3	65.5	20.2	65.3	21.0	65.2	21.5	65.1	21.9	64.9	22.8
	-9.5	-10.0	67.2	19.7	67.0	20.5	66.8	21.4	66.7	21.8	66.6	22.2	66.5	23.0
	-8.5	-9.1	68.6	20.0	68.4	20.8	68.3	21.7	68.2	22.1	68.1	22.5	67.9	23.3
	-7.0	-7.6	71.1	20.6	70.9	21.3	70.7	22.1	70.7	22.5	70.6	22.9	70.4	23.7
	-5.0	-5.6	74.6	21.2	74.5	22.0	74.3	22.7	74.2	23.1	74.1	23.5	73.9	24.2
	-3.0	-3.7	78.2	21.9	78.1	22.6	77.9	23.3	77.8	23.6	77.7	24.0	77.5	24.7
	0.0	-0.7	84.3	22.8	84.2	23.5	84.0	24.1	83.9	24.5	83.8	24.8	83.6	25.4
	3.0	2.2	90.8	23.7	90.6	24.3	90.4	24.9	90.3	25.2	90.2	25.5	90.0	26.1
	5.0	4.1	95.3	24.2	95.1	24.8	94.9	25.4	94.8	25.6	94.7	25.9	90.1	24.6
	7.0	6.0	100.0	24.7	99.8	25.3	99.6	25.8	99.5	26.1	96.8	25.3	90.1	23.2
	9.0	7.9	105	25.2	105	25.7	103	25.8	100	24.8	96.8	23.8	90.1	21.9
	11.0	9.8	110	25.6	110	26.1	103	24.3	100	23.4	96.8	22.5	90.1	20.7
	13.0	11.8	116	26.1	110	24.6	103	22.9	100	22.0	96.8	21.2	90.1	19.5
	15.0	13.7	117	24.9	110	23.2	103	21.6	100	20.8	96.8	20.0	90.1	18.5
100% (755)	-19.8	-20.0	54.3	17.8	54.1	18.7	54.0	19.6	53.9	20.1	53.8	20.6	53.6	21.5
	-18.8	-19.0	55.3	18.1	55.1	19.0	54.9	19.9	54.9	20.4	54.8	20.8	54.6	21.8
	-16.7	-17.0	57.4	18.7	57.3	19.6	57.1	20.5	57.0	20.9	56.9	21.4	56.8	22.3
	-13.7	-15.0	59.8	19.4	59.7	20.2	59.5	21.1	59.4	21.5	59.3	21.9	59.2	22.8
	-11.8	-13.0	62.5	20.0	62.3	20.9	62.1	21.7	62.1	22.1	62.0	22.5	61.8	23.3
	-9.8	-11.0	65.4	20.7	65.2	21.5	65.0	22.3	64.9	22.6	64.9	23.0	64.7	23.8
	-9.5	-10.0	66.9	21.0	66.7	21.8	66.6	22.5	66.5	22.9	66.4	23.3	66.2	24.1
	-8.5	-9.1	68.3	21.3	68.2	22.1	68.0	22.8	67.9	23.2	67.8	23.5	67.7	24.3
	-7.0	-7.6	70.8	21.8	70.7	22.5	70.5	23.2	70.4	23.6	70.3	23.9	70.2	24.7
	-5.0	-5.6	74.4	22.4	74.2	23.1	74.0	23.8	73.9	24.1	73.9	24.5	73.7	25.1
	-3.0	-3.7	77.9	23.0	77.8	23.7	77.6	24.3	77.5	24.6	77.5	24.9	77.3	25.6
	0.0	-0.7	84.1	23.9	83.9	24.5	83.7	25.1	83.6	25.4	83.6	25.7	81.9	25.5
	3.0	2.2	90.5	24.6	90.3	25.2	90.2	25.8	90.1	26.0	88.0	25.4	81.9	23.3
	5.0	4.1	95.0	25.1	94.8	25.7	94.0	25.9	91.0	24.9	88.0	23.9	81.9	22.0
	7.0	6.0	99.7	25.6	99.5	26.1	94.0	24.4	91.0	23.5	88.0	22.6	81.9	20.8
	9.0	7.9	105	26.0	100	24.8	94.0	23.0	91.0	22.1	88.0	21.3	81.9	19.6
	11.0	9.8	106	25.1	100	23.4	94.0	21.7	91.0	20.9	88.0	20.1	81.9	18.6
	13.0	11.8	106	23.6	100	22.0	94.0	20.5	91.0	19.7	88.0	19.0	81.9	17.5
	15.0	13.7	106	22.3	100	20.8	94.0	19.4	91.0	18.7	88.0	18.0	81.9	16.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (680)	-19.8	-20.0	54.0	19.4	53.9	20.3	53.7	21.1	53.6	21.5	53.6	21.9	53.4	22.8
	-18.8	-19.0	55.0	19.7	54.8	20.5	54.7	21.4	54.6	21.8	54.5	22.2	54.4	23.0
	-16.7	-17.0	57.1	20.3	57.0	21.1	56.8	21.9	56.8	22.3	56.7	22.7	56.5	23.5
	-13.7	-15.0	59.5	20.9	59.4	21.6	59.2	22.4	59.2	22.8	59.1	23.2	58.9	23.9
	-11.8	-13.0	62.2	21.5	62.0	22.2	61.9	22.9	61.8	23.3	61.7	23.7	61.6	24.4
	-9.8	-11.0	65.1	22.1	64.9	22.8	64.8	23.5	64.7	23.8	64.6	24.2	64.5	24.9
	-9.5	-10.0	66.6	22.4	66.5	23.0	66.3	23.7	66.2	24.1	66.2	24.4	66.0	25.1
	-8.5	-9.1	68.0	22.6	67.9	23.3	67.7	24.0	67.7	24.3	67.6	24.6	67.4	25.3
	-7.0	-7.6	70.5	23.1	70.4	23.7	70.2	24.3	70.2	24.7	70.1	25.0	69.9	25.6
	-5.0	-5.6	74.1	23.6	73.9	24.2	73.8	24.8	73.7	25.1	73.6	25.5	73.5	26.1
	-3.0	-3.7	77.7	24.1	77.5	24.7	77.4	25.3	77.3	25.6	77.2	25.9	73.7	24.7
	0.0	-0.7	83.8	24.9	83.6	25.5	83.5	26.0	81.9	25.5	79.2	24.5	73.7	22.5
	3.0	2.2	90.2	25.6	90.0	26.1	84.6	24.2	81.9	23.3	79.2	22.4	73.7	20.6
	5.0	4.1	94.7	26.0	90.0	24.6	84.6	22.8	81.9	22.0	79.2	21.1	73.7	19.5
	7.0	6.0	95.5	24.9	90.0	23.2	84.6	21.5	81.9	20.7	79.2	20.0	73.7	18.4
	9.0	7.9	95.5	23.4	90.0	21.9	84.6	20.3	81.9	19.6	79.2	18.9	73.7	17.4
	11.0	9.8	95.5	22.1	90.0	20.7	84.6	19.2	81.9	18.5	79.2	17.9	73.7	16.5
	13.0	11.8	95.5	20.8	90.0	19.5	84.6	18.2	81.9	17.5	79.2	16.9	73.7	15.6
	15.0	13.7	95.5	19.7	90.0	18.4	84.6	17.2	81.9	16.6	79.2	16.0	73.7	14.8
80% (604)	-19.8	-20.0	53.7	21.1	53.6	21.8	53.4	22.6	53.4	22.9	53.3	23.3	53.2	24.1
	-18.8	-19.0	54.7	21.3	54.6	22.0	54.4	22.8	54.4	23.2	54.3	23.5	54.2	24.3
	-16.7	-17.0	56.9	21.8	56.7	22.5	56.6	23.2	56.5	23.6	56.5	24.0	56.3	24.7
	-13.7	-15.0	59.3	22.4	59.1	23.0	59.0	23.7	58.9	24.1	58.9	24.4	58.7	25.1
	-11.8	-13.0	61.9	22.9	61.8	23.5	61.6	24.2	61.6	24.5	61.5	24.8	61.4	25.5
	-9.8	-11.0	64.8	23.4	64.6	24.0	64.5	24.7	64.4	25.0	64.4	25.3	64.2	25.9
	-9.5	-10.0	66.3	23.7	66.2	24.3	66.0	24.9	66.0	25.2	65.9	25.5	65.5	26.0
	-8.5	-9.1	67.7	23.9	67.6	24.5	67.5	25.1	67.4	25.4	67.3	25.7	65.5	25.3
	-7.0	-7.6	70.2	24.3	70.1	24.9	70.0	25.4	69.9	25.7	69.8	26.0	65.5	24.2
	-5.0	-5.6	73.8	24.8	73.6	25.4	73.5	25.9	72.8	25.8	70.4	24.8	65.5	22.8
	-3.0	-3.7	77.4	25.3	77.2	25.8	75.2	25.3	72.8	24.3	70.4	23.4	65.5	21.5
	0.0	-0.7	83.5	26.0	80.0	24.8	75.2	23.1	72.8	22.2	70.4	21.3	65.5	19.6
	3.0	2.2	84.9	24.3	80.0	22.7	75.2	21.1	72.8	20.3	70.4	19.5	65.5	18.0
	5.0	4.1	84.9	22.9	80.0	21.4	75.2	19.9	72.8	19.2	70.4	18.5	65.5	17.1
	7.0	6.0	84.9	21.6	80.0	20.2	75.2	18.8	72.8	18.1	70.4	17.5	65.5	16.2
	9.0	7.9	84.9	20.4	80.0	19.1	75.2	17.8	72.8	17.2	70.4	16.5	65.5	15.3
	11.0	9.8	84.9	19.3	80.0	18.1	75.2	16.9	72.8	16.3	70.4	15.7	65.5	14.5
	13.0	11.8	84.9	18.2	80.0	17.1	75.2	15.9	72.8	15.4	70.4	14.8	65.5	13.8
	15.0	13.7	84.9	17.3	80.0	16.2	75.2	15.1	72.8	14.6	70.4	14.1	65.5	13.1
70% (529)	-19.8	-20.0	53.4	22.7	53.3	23.4	53.2	24.0	53.1	24.4	53.1	24.7	53.0	25.3
	-18.8	-19.0	54.4	22.9	54.3	23.6	54.2	24.2	54.1	24.5	54.1	24.9	53.9	25.5
	-16.7	-17.0	56.6	23.4	56.4	24.0	56.3	24.6	56.3	24.9	56.2	25.2	56.1	25.9
	-13.7	-15.0	59.0	23.8	58.8	24.4	58.7	25.0	58.7	25.3	58.6	25.6	57.3	25.4
	-11.8	-13.0	61.6	24.3	61.5	24.9	61.4	25.5	61.3	25.7	61.3	26.0	57.3	24.1
	-9.8	-11.0	64.5	24.8	64.4	25.3	64.3	25.9	63.7	25.8	61.6	24.8	57.3	22.8
	-9.5	-10.0	66.0	25.0	65.9	25.5	65.8	26.1	63.7	25.1	61.6	24.1	57.3	22.1
	-8.5	-9.1	67.5	25.2	67.3	25.7	65.8	25.4	63.7	24.4	61.6	23.5	57.3	21.6
	-7.0	-7.6	69.9	25.6	69.8	26.1	65.8	24.3	63.7	23.4	61.6	22.4	57.3	20.7
	-5.0	-5.6	73.5	26.0	70.0	24.6	65.8	22.9	63.7	22.0	61.6	21.2	57.3	19.5
	-3.0	-3.7	74.3	24.9	70.0	23.2	65.8	21.6	63.7	20.8	61.6	20.0	57.3	18.5
	0.0	-0.7	74.3	22.7	70.0	21.2	65.8	19.7	63.7	19.0	61.6	18.3	57.3	16.9
	3.0	2.2	74.3	20.8	70.0	19.4	65.8	18.1	63.7	17.5	61.6	16.8	57.3	15.6
	5.0	4.1	74.3	19.6	70.0	18.4	65.8	17.1	63.7	16.5	61.6	15.9	57.3	14.8
	7.0	6.0	74.3	18.6	70.0	17.4	65.8	16.2	63.7	15.7	61.6	15.1	57.3	14.0
	9.0	7.9	74.3	17.6	70.0	16.5	65.8	15.4	63.7	14.9	61.6	14.3	57.3	13.3
	11.0	9.8	74.3	16.6	70.0	15.6	65.8	14.6	63.7	14.1	61.6	13.6	57.3	12.6
	13.0	11.8	74.3	15.7	70.0	14.8	65.8	13.8	63.7	13.4	61.6	12.9	57.3	12.0
	15.0	13.7	74.3	14.9	70.0	14.0	65.8	13.2	63.7	12.7	61.6	12.3	57.3	11.4
60% (453)	-19.8	-20.0	53.1	24.4	53.0	24.9	52.9	25.5	52.9	25.8	52.8	26.0	49.2	23.9
	-18.8	-19.0	54.1	24.5	54.0	25.1	53.9	25.7	53.9	25.9	52.8	25.4	49.2	23.3
	-16.7	-17.0	56.3	24.9	56.2	25.5	56.1	26.0	54.6	25.2	52.8	24.2	49.2	22.3
	-13.7	-15.0	58.7	25.3	58.6	25.8	56.4	24.9	54.6	24.0	52.8	23.0	49.2	21.2
	-11.8	-13.0	61.3	25.7	60.0	25.4	56.4	23.6	54.6	22.7	52.8	21.8	49.2	20.1
	-9.8	-11.0	63.6	25.8	60.0	24.0	56.4	22.3	54.6	21.5	52.8	20.7	49.2	19.1
	-9.5	-10.0	63.6	25.1	60.0	23.4	56.4	21.7	54.6	20.9	52.8	20.1	49.2	18.5
	-8.5	-9.1	63.6	24.4	60.0	22.8	56.4	21.2	54.6	20.4	52.8	19.6	49.2	18.1
	-7.0	-7.6	63.6	23.3	60.0	21.8	56.4	20.3	54.6	19.5	52.8	18.8	49.2	17.4
	-5.0	-5.6	63.6	22.0	60.0	20.5	56.4	19.1	54.6	18.4	52.8	17.8	49.2	16.4
	-3.0	-3.7	63.6	20.8	60.0	19.4	56.4	18.1	54.6	17.5	52.8	16.8	49.2	15.6
	0.0	-0.7	63.6	19.0	60.0	17.8	56.4	16.6	54.6	16.0	52.8	15.5	49.2	14.3
	3.0	2.2	63.6	17.5	60.0	16.4	56.4	15.3	54.6	14.8	52.8	14.3	49.2	13.2
	5.0	4.1	63.6	16.5	60.0	15.5	56.4	14.5	54.6	14.0	52.8	13.5	49.2	12.6
	7.0	6.0	63.6	15.7	60.0	14.7	56.4	13.8	54.6	13.3	52.8	12.9	49.2	12.0
	9.0	7.9	63.6	14.8	60.0	14.0	56.4	13.1	54.6	12.6	52.8	12.2	49.2	11.4
	11.0	9.8	63.6	14.1	60.0	13.3	56.4	12.4	54.6	12.0	52.8	11.6	49.2	10.8
	13.0	11.8	63.6	13.4	60.0	12.6	56.4	11.8	54.6	11.4	52.8	11.1	49.2	10.3
	15.0	13.7	63.6	12.7	60.0	12.0	56.4	11.3	54.6	10.9	52.8	10.5	49.2	9.9
50% (378)	-19.8	-20.0	52.8	26.0	50.0	24.4	47.0	22.6	45.5	21.8	44.0	21.0	41.0	19.3
	-18.8	-19.0	53.0	25.6	50.0	23.8	47.0	22.1	45.5	21.3	44.0	20.5	41.0	18.9
	-16.7	-17.0	53.0	24.4	50.0	22.7	47.0	21.1	45.5	20.4	44.0	19.6	41.0	18.1
	-13.7	-15.0	53.0	23.2	50.0	21.6	47.0	20.1	45.5	19.4	44.0	18.7	41.0	17.2
	-11.8	-13.0	53.0	22.0	50.0	20.5	47.0	19.1	45.5	18.4	44.0	17.7	41.0	16.4
	-9.8	-11.0	53.0	20.8	50.0	19.4	47.0	18.1	45.5	17.5	44.0	16.8	41.0	15.6
	-9.5	-10.0	53.0	20.2	50.0	18.9	47.0	17.6	45.5	17.0	44.0	16.4	41.0	15.2
	-8.5	-9.1	53.0	19.7	50.0	18.5	47.0	17.2	45.5	16.6	44.0	16.0	41.0	14.8
	-7.0	-7.6	53.0	18.9	50.0	17.7	47.0	16.5	45.5	15.9	44.0	15.4	41.0	14.2
	-5.0	-5.6	53.0	17.9	50.0	16.7	47.0	15.6	45.5	15.1	44.0	14.6	41.0	13.5
	-3.0	-3.7	53.0	16.9	50.0	15.9	47.0	14.8	45.5	14.3	44.0	13.8	41.0	12.8
	0.0	-0.7	53.0	15.5	50.0	14.6	47.0	13.7	45.5	13.2	44.0	12.8	41.0	11.9
	3.0	2.2	53.0	14.3	50.0	13.5	47.0	12.6	45.5	12.2	44.0	11.8	41.0	11.0
	5.0	4.1	53.0	13.6	50.0	12.8	47.0	12.0	45.5	11.6	44.0	11.2	41.0	10.5
	7.0	6.0	53.0	12.9	50.0	12.2	47.0	11.4	45.5	11.1	44.0	10.7	41.0	10.0
	9.0	7.9	53.0	12.3	50.0	11.6	47.0	10.9	45.5	10.5	44.0	10.2	41.0	9.54
	11.0	9.8	53.0	11.7	50.0	11.0	47.0	10.4	45.5	10.1	44.0	9.7	41.0	9.12
	13.0	11.8	53.0	11.1	50.0	10.5	47.0	9.9	45.5	9.6	44.0	9.29	41.0	8.70
	15.0	13.7	53.0	10.6	50.0	10.0	47.0	9.4	45.5	9.16	44.0	8.88	41.0	8.33

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ32PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	-19.8	-20.0	61.3	15.6	61.1	16.9	60.9	18.2	60.8	18.8	60.7	19.48	60.4	20.77
	-18.8	-19.0	62.4	16.0	62.2	17.3	62.0	18.6	61.9	19.2	61.8	19.84	61.5	21.10
	-16.7	-17.0	64.8	16.9	64.6	18.1	64.4	19.4	64.3	20.0	64.2	20.57	63.9	21.79
	-13.7	-15.0	67.5	17.8	67.3	19.0	67.1	20.2	67.0	20.7	66.8	21.3	66.6	22.5
	-11.8	-13.0	70.5	18.7	70.2	19.9	70.0	21.0	69.9	21.5	69.8	22.1	69.6	23.2
	-9.8	-11.0	73.7	19.6	73.5	20.7	73.2	21.8	73.1	22.3	73.0	22.8	72.8	23.9
	-9.5	-10.0	75.4	20.1	75.2	21.1	74.9	22.2	74.8	22.7	74.7	23.2	74.5	24.3
	-8.5	-9.1	77.0	20.5	76.8	21.5	76.5	22.5	76.4	23.0	76.3	23.5	76.1	24.6
	-7.0	-7.6	79.8	21.2	79.6	22.1	79.3	23.1	79.2	23.6	79.1	24.1	78.9	25.1
	-5.0	-5.6	83.7	22.0	83.5	22.9	83.3	23.9	83.2	24.3	83.0	24.8	82.8	25.7
	-3.0	-3.7	87.7	22.8	87.5	23.7	87.3	24.6	87.2	25.0	87.0	25.5	86.8	26.3
	0.0	-0.7	94.6	24.0	94.3	24.8	94.1	25.6	94.0	26.0	93.9	26.4	93.6	27.3
	3.0	2.2	101.7	25.0	101.5	25.8	101.3	26.6	101.1	27.0	101.0	27.3	100.8	28.1
	5.0	4.1	106.7	25.7	106.5	26.4	106.3	27.2	106.2	27.5	106.0	27.9	105.8	28.6
	7.0	6.0	112	26.3	112	27.0	112	27.7	111	28.1	111	28.4	111	29.1
	9.0	7.9	117	26.9	117	27.6	117	28.2	117	28.6	117	28.9	113	28.3
	11.0	9.8	123	27.5	123	28.1	123	28.7	123	29.0	122	29.0	113	26.6
	13.0	11.8	130	28.0	129	28.6	129	29.2	126	28.4	122	27.3	113	25.0
	15.0	13.7	136	28.5	136	29.1	130	27.9	126	26.8	122	25.7	113	23.6
120% (960)	-19.8	-20.0	61.0	17.3	60.8	18.5	60.6	19.7	60.5	20.3	60.4	20.9	60.2	22.1
	-18.8	-19.0	62.1	17.7	61.9	18.9	61.7	20.1	61.6	20.7	61.5	21.3	61.3	22.4
	-16.7	-17.0	64.5	18.6	64.3	19.7	64.1	20.8	64.0	21.4	63.9	21.9	63.7	23.1
	-13.7	-15.0	67.2	19.4	67.0	20.5	66.8	21.6	66.7	22.1	66.6	22.6	66.4	23.7
	-11.8	-13.0	70.2	20.2	70.0	21.3	69.7	22.3	69.6	22.8	69.5	23.3	69.3	24.4
	-9.8	-11.0	73.4	21.1	73.2	22.1	73.0	23.0	72.9	23.5	72.7	24.0	72.5	25.0
	-9.5	-10.0	75.1	21.5	74.9	22.5	74.7	23.4	74.6	23.9	74.5	24.4	74.2	25.3
	-8.5	-9.1	76.7	21.9	76.5	22.8	76.3	23.7	76.2	24.2	76.1	24.7	75.8	25.6
	-7.0	-7.6	79.5	22.5	79.3	23.4	79.0	24.3	78.9	24.7	78.8	25.2	78.6	26.1
	-5.0	-5.6	83.4	23.3	83.2	24.1	83.0	25.0	82.9	25.4	82.8	25.9	82.6	26.7
	-3.0	-3.7	87.4	24.0	87.2	24.8	87.0	25.6	86.9	26.0	86.8	26.5	86.6	27.3
	0.0	-0.7	94.2	25.1	94.0	25.8	93.8	26.6	93.7	27.0	93.6	27.4	93.4	28.1
	3.0	2.2	101.4	26.1	101.2	26.8	101.0	27.5	100.9	27.8	100.8	28.2	100.6	28.9
	5.0	4.1	106.4	26.7	106.2	27.4	106.0	28.0	105.9	28.4	105.8	28.7	104.6	28.9
	7.0	6.0	112	27.3	111	27.9	111	28.5	111	28.8	111	29.2	105	27.2
	9.0	7.9	117	27.8	117	28.4	117	29.0	116	29.1	112	27.9	105	25.7
	11.0	9.8	123	28.3	123	28.9	120	28.5	116	27.4	112	26.3	105	24.2
	13.0	11.8	129	28.8	128	28.9	120	26.8	116	25.8	112	24.8	105	22.8
	15.0	13.7	135	29.3	128	27.3	120	25.3	116	24.4	112	23.4	105	21.5
110% (880)	-19.8	-20.0	60.7	19.1	60.5	20.2	60.3	21.3	60.2	21.8	60.1	22.4	59.9	23.5
	-18.8	-19.0	61.8	19.5	61.6	20.5	61.4	21.6	61.3	22.1	61.2	22.7	61.1	23.8
	-16.7	-17.0	64.2	20.2	64.0	21.2	63.8	22.3	63.7	22.8	63.6	23.3	63.5	24.3
	-13.7	-15.0	66.9	21.0	66.7	22.0	66.5	23.0	66.4	23.4	66.3	23.9	66.1	24.9
	-11.8	-13.0	69.9	21.8	69.7	22.7	69.5	23.6	69.4	24.1	69.3	24.6	69.1	25.5
	-9.8	-11.0	73.1	22.5	72.9	23.4	72.7	24.3	72.6	24.8	72.5	25.2	72.3	26.1
	-9.5	-10.0	74.8	22.9	74.6	23.8	74.4	24.7	74.3	25.1	74.2	25.5	74.0	26.4
	-8.5	-9.1	76.4	23.2	76.2	24.1	76.0	25.0	75.9	25.4	75.8	25.8	75.6	26.7
	-7.0	-7.6	79.2	23.8	79.0	24.6	78.8	25.5	78.7	25.9	78.6	26.3	78.4	27.1
	-5.0	-5.6	83.1	24.5	82.9	25.3	82.7	26.1	82.6	26.5	82.5	26.9	82.3	27.7
	-3.0	-3.7	87.1	25.2	86.9	25.9	86.7	26.7	86.6	27.1	86.5	27.4	86.3	28.2
	0.0	-0.7	93.9	26.2	93.7	26.9	93.5	27.6	93.4	27.9	93.4	28.3	93.2	29.0
	3.0	2.2	101.1	27.1	100.9	27.7	100.7	28.4	100.6	28.7	100.5	29.0	95.9	27.6
	5.0	4.1	106.1	27.7	105.9	28.3	105.7	28.9	105.6	29.2	102.9	28.4	95.9	26.0
	7.0	6.0	111	28.2	111	28.8	110	28.9	106	27.8	103	26.7	95.9	24.5
	9.0	7.9	117	28.7	117	29.2	110	27.3	106	26.2	103	25.2	95.9	23.1
	11.0	9.8	123	29.2	117	27.7	110	25.7	106	24.7	103	23.8	95.9	21.9
	13.0	11.8	124	27.9	117	26.0	110	24.2	106	23.3	103	22.4	95.9	20.6
	15.0	13.7	124	26.4	117	24.6	110	22.8	106	22.0	103	21.2	95.9	19.5
100% (800)	-19.8	-20.0	60.4	20.8	60.2	21.8	60.1	22.8	60.0	23.3	59.9	23.8	59.7	24.8
	-18.8	-19.0	61.5	21.2	61.3	22.1	61.2	23.1	61.1	23.6	61.0	24.1	60.8	25.1
	-16.7	-17.0	63.9	21.9	63.7	22.8	63.6	23.7	63.5	24.2	63.4	24.7	63.2	25.6
	-13.7	-15.0	66.6	22.6	66.4	23.5	66.2	24.3	66.2	24.8	66.1	25.2	65.9	26.1
	-11.8	-13.0	69.5	23.3	69.4	24.1	69.2	25.0	69.1	25.4	69.0	25.8	68.8	26.7
	-9.8	-11.0	72.8	24.0	72.6	24.8	72.4	25.6	72.3	26.0	72.2	26.4	72.1	27.2
	-9.5	-10.0	74.5	24.3	74.3	25.1	74.1	25.9	74.0	26.3	73.9	26.7	73.8	27.5
	-8.5	-9.1	76.1	24.6	75.9	25.4	75.7	26.2	75.6	26.6	75.5	27.0	75.4	27.7
	-7.0	-7.6	78.9	25.1	78.7	25.9	78.5	26.6	78.4	27.0	78.3	27.4	78.2	28.1
	-5.0	-5.6	82.8	25.8	82.6	26.5	82.5	27.2	82.4	27.6	82.3	27.9	82.1	28.7
	-3.0	-3.7	86.8	26.4	86.6	27.1	86.5	27.8	86.4	28.1	86.3	28.4	86.1	29.1
	0.0	-0.7	93.6	27.3	93.4	27.9	93.3	28.6	93.2	28.9	93.1	29.2	87.1	27.0
	3.0	2.2	100.8	28.1	100.6	28.7	100.0	29.1	96.8	28.0	93.6	26.8	87.1	24.7
	5.0	4.1	105.8	28.6	105.6	29.2	100.0	27.4	96.8	26.3	93.6	25.3	87.1	23.3
	7.0	6.0	111	29.1	106	27.8	100	25.8	96.8	24.8	93.6	23.8	87.1	21.9
	9.0	7.9	113	28.1	106	26.2	100	24.3	96.8	23.4	93.6	22.5	87.1	20.7
	11.0	9.8	113	26.5	106	24.7	100	23.0	96.8	22.1	93.6	21.3	87.1	19.6
	13.0	11.8	113	24.9	106	23.3	100	21.6	96.8	20.8	93.6	20.1	87.1	18.5
	15.0	13.7	113	23.5	106	22.0	100	20.5	96.8	19.7	93.6	19.0	87.1	17.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (720)	-19.8	-20.0	60.1	22.6	59.9	23.5	59.8	24.4	59.7	24.8	59.6	25.3	59.5	26.2
	-18.8	-19.0	61.2	22.9	61.0	23.8	60.9	24.6	60.8	25.1	60.7	25.5	60.6	26.4
	-16.7	-17.0	63.6	23.5	63.5	24.3	63.3	25.2	63.2	25.6	63.1	26.0	63.0	26.9
	-13.7	-15.0	66.3	24.1	66.1	24.9	66.0	25.7	65.9	26.1	65.8	26.6	65.7	27.4
	-11.8	-13.0	69.2	24.8	69.1	25.5	68.9	26.3	68.8	26.7	68.8	27.1	68.6	27.9
	-9.8	-11.0	72.5	25.4	72.3	26.1	72.1	26.9	72.1	27.2	72.0	27.6	71.8	28.3
	-9.5	-10.0	74.2	25.7	74.0	26.4	73.8	27.1	73.8	27.5	73.7	27.9	73.5	28.6
	-8.5	-9.1	75.8	26.0	75.6	26.7	75.4	27.4	75.4	27.7	75.3	28.1	75.1	28.8
	-7.0	-7.6	78.5	26.4	78.4	27.1	78.2	27.8	78.1	28.1	78.1	28.5	77.9	29.2
	-5.0	-5.6	82.5	27.0	82.3	27.7	82.2	28.3	82.1	28.7	82.0	29.0	78.4	27.7
	-3.0	-3.7	86.5	27.6	86.3	28.2	86.2	28.8	86.1	29.1	84.2	28.5	78.4	26.1
	0.0	-0.7	93.3	28.4	93.2	29.0	90.0	28.1	87.1	27.0	84.2	25.9	78.4	23.8
	3.0	2.2	100.5	29.2	95.8	27.6	90.0	25.6	87.1	24.6	84.2	23.7	78.4	21.8
	5.0	4.1	101.6	27.9	95.8	26.0	90.0	24.1	87.1	23.2	84.2	22.3	78.4	20.6
	7.0	6.0	102	26.3	95.8	24.5	90.0	22.8	87.1	21.9	84.2	21.1	78.4	19.5
	9.0	7.9	102	24.8	95.8	23.1	90.0	21.5	87.1	20.7	84.2	19.9	78.4	18.4
	11.0	9.8	102	23.4	95.8	21.8	90.0	20.3	87.1	19.6	84.2	18.9	78.4	17.5
	13.0	11.8	102	22.0	95.8	20.6	90.0	19.2	87.1	18.5	84.2	17.8	78.4	16.5
	15.0	13.7	102	20.8	95.8	19.5	90.0	18.2	87.1	17.6	84.2	16.9	78.4	15.7
80% (640)	-19.8	-20.0	59.8	24.3	59.7	25.1	59.5	25.9	59.4	26.3	59.4	26.7	59.2	27.5
	-18.8	-19.0	60.9	24.6	60.8	25.4	60.6	26.2	60.5	26.5	60.5	26.9	60.3	27.7
	-16.7	-17.0	63.3	25.1	63.2	25.9	63.0	26.6	63.0	27.0	62.9	27.4	62.7	28.1
	-13.7	-15.0	66.0	25.7	65.8	26.4	65.7	27.1	65.6	27.5	65.6	27.9	65.4	28.6
	-11.8	-13.0	68.9	26.3	68.8	27.0	68.6	27.6	68.6	28.0	68.5	28.3	68.4	29.0
	-9.8	-11.0	72.1	26.8	72.0	27.5	71.9	28.1	71.8	28.5	71.7	28.8	69.7	28.3
	-9.5	-10.0	73.9	27.1	73.7	27.8	73.6	28.4	73.5	28.7	73.4	29.0	69.7	27.4
	-8.5	-9.1	75.5	27.4	75.3	28.0	75.2	28.6	75.1	28.9	74.9	29.1	69.7	26.7
	-7.0	-7.6	78.2	27.8	78.1	28.4	78.0	29.0	77.4	29.0	74.9	27.8	69.7	25.6
	-5.0	-5.6	82.2	28.3	82.0	28.9	80.0	28.4	77.4	27.3	74.9	26.2	69.7	24.1
	-3.0	-3.7	86.2	28.8	85.1	28.8	80.0	26.8	77.4	25.7	74.9	24.7	69.7	22.7
	0.0	-0.7	90.3	28.2	85.1	26.2	80.0	24.4	77.4	23.5	74.9	22.6	69.7	20.8
	3.0	2.2	90.3	25.7	85.1	24.0	80.0	22.3	77.4	21.5	74.9	20.7	69.7	19.1
	5.0	4.1	90.3	24.2	85.1	22.6	80.0	21.1	77.4	20.3	74.9	19.5	69.7	18.0
	7.0	6.0	90.3	22.9	85.1	21.4	80.0	19.9	77.4	19.2	74.9	18.5	69.7	17.1
	9.0	7.9	90.3	21.6	85.1	20.2	80.0	18.8	77.4	18.2	74.9	17.5	69.7	16.2
	11.0	9.8	90.3	20.4	85.1	19.1	80.0	17.8	77.4	17.2	74.9	16.6	69.7	15.4
	13.0	11.8	90.3	19.3	85.1	18.1	80.0	16.9	77.4	16.3	74.9	15.7	69.7	14.6
	15.0	13.7	90.3	18.3	85.1	17.1	80.0	16.0	77.4	15.5	74.9	14.9	69.7	13.8
70% (560)	-19.8	-20.0	59.5	26.1	59.4	26.8	59.2	27.5	59.2	27.8	59.1	28.2	59.0	28.9
	-18.8	-19.0	60.6	26.3	60.5	27.0	60.3	27.7	60.3	28.0	60.2	28.4	60.1	29.0
	-16.7	-17.0	63.0	26.8	62.9	27.4	62.7	28.1	62.7	28.4	62.6	28.8	61.0	28.3
	-13.7	-15.0	65.7	27.3	65.5	27.9	65.4	28.5	65.4	28.9	65.3	29.2	61.0	26.9
	-11.8	-13.0	68.6	27.8	68.5	28.4	68.4	29.0	67.8	28.9	65.5	27.7	61.0	25.5
	-9.8	-11.0	71.8	28.3	71.7	28.8	70.0	28.4	67.8	27.3	65.5	26.2	61.0	24.1
	-9.5	-10.0	73.5	28.5	73.4	29.1	70.0	27.6	67.8	26.5	65.5	25.5	61.0	23.4
	-8.5	-9.1	75.1	28.7	74.5	29.0	70.0	26.9	67.8	25.8	65.5	24.8	61.0	22.8
	-7.0	-7.6	77.9	29.1	74.5	27.7	70.0	25.7	67.8	24.7	65.5	23.7	61.0	21.8
	-5.0	-5.6	79.0	27.9	74.5	26.0	70.0	24.2	67.8	23.3	65.5	22.4	61.0	20.6
	-3.0	-3.7	79.0	26.3	74.5	24.6	70.0	22.8	67.8	22.0	65.5	21.2	61.0	19.5
	0.0	-0.7	79.0	24.0	74.5	22.4	70.0	20.9	67.8	20.1	65.5	19.4	61.0	17.9
	3.0	2.2	79.0	22.0	74.5	20.6	70.0	19.2	67.8	18.5	65.5	17.8	61.0	16.5
	5.0	4.1	79.0	20.8	74.5	19.4	70.0	18.1	67.8	17.5	65.5	16.9	61.0	15.6
	7.0	6.0	79.0	19.6	74.5	18.4	70.0	17.2	67.8	16.6	65.5	16.0	61.0	14.8
	9.0	7.9	79.0	18.6	74.5	17.4	70.0	16.3	67.8	15.7	65.5	15.2	61.0	14.1
	11.0	9.8	79.0	17.6	74.5	16.5	70.0	15.4	67.8	14.9	65.5	14.4	61.0	13.4
	13.0	11.8	79.0	16.6	74.5	15.6	70.0	14.6	67.8	14.1	65.5	13.6	61.0	12.7
	15.0	13.7	79.0	15.8	74.5	14.8	70.0	13.9	67.8	13.4	65.5	13.0	61.0	12.1
60% (480)	-19.8	-20.0	59.2	27.8	59.1	28.4	59.0	29.0	58.1	28.7	56.1	27.5	52.3	25.3
	-18.8	-19.0	60.3	28.0	60.2	28.6	60.0	29.1	58.1	28.0	56.1	26.9	52.3	24.7
	-16.7	-17.0	62.7	28.4	62.6	29.0	60.0	27.7	58.1	26.7	56.1	25.6	52.3	23.5
	-13.7	-15.0	65.4	28.9	63.9	28.4	60.0	26.3	58.1	25.3	56.1	24.3	52.3	22.4
	-11.8	-13.0	67.7	28.9	63.9	26.9	60.0	25.0	58.1	24.0	56.1	23.1	52.3	21.3
	-9.8	-11.0	67.7	27.3	63.9	25.4	60.0	23.6	58.1	22.7	56.1	21.9	52.3	20.2
	-9.5	-10.0	67.7	26.5	63.9	24.7	60.0	23.0	58.1	22.1	56.1	21.3	52.3	19.6
	-8.5	-9.1	67.7	25.8	63.9	24.1	60.0	22.4	58.1	21.5	56.1	20.7	52.3	19.1
	-7.0	-7.6	67.7	24.7	63.9	23.0	60.0	21.4	58.1	20.6	56.1	19.9	52.3	18.4
	-5.0	-5.6	67.7	23.3	63.9	21.7	60.0	20.2	58.1	19.5	56.1	18.8	52.3	17.4
	-3.0	-3.7	67.7	22.0	63.9	20.5	60.0	19.2	58.1	18.5	56.1	17.8	52.3	16.5
	0.0	-0.7	67.7	20.1	63.9	18.8	60.0	17.6	58.1	16.9	56.1	16.3	52.3	15.1
	3.0	2.2	67.7	18.5	63.9	17.3	60.0	16.2	58.1	15.6	56.1	15.1	52.3	14.0
	5.0	4.1	67.7	17.5	63.9	16.4	60.0	15.3	58.1	14.8	56.1	14.3	52.3	13.3
	7.0	6.0	67.7	16.6	63.9	15.5	60.0	14.6	58.1	14.1	56.1	13.6	52.3	12.6
	9.0	7.9	67.7	15.7	63.9	14.8	60.0	13.8	58.1	13.4	56.1	12.9	52.3	12.0
	11.0	9.8	67.7	14.9	63.9	14.0	60.0	13.2	58.1	12.7	56.1	12.3	52.3	11.5
	13.0	11.8	67.7	14.1	63.9	13.3	60.0	12.5	58.1	12.1	56.1	11.7	52.3	10.9
	15.0	13.7	67.7	13.4	63.9	12.7	60.0	11.9	58.1	11.5	56.1	11.2	52.3	10.4
50% (400)	-19.8	-20.0	56.4	27.7	53.2	25.8	50.0	23.9	48.4	23.0	46.8	22.2	43.6	20.4
	-18.8	-19.0	56.4	27.0	53.2	25.2	50.0	23.4	48.4	22.5	46.8	21.7	43.6	20.0
	-16.7	-17.0	56.4	25.8	53.2	24.0	50.0	22.4	48.4	21.5	46.8	20.7	43.6	19.1
	-13.7	-15.0	56.4	24.5	53.2	22.9	50.0	21.3	48.4	20.5	46.8	19.7	43.6	18.2
	-11.8	-13.0	56.4	23.2	53.2	21.7	50.0	20.2	48.4	19.5	46.8	18.8	43.6	17.3
	-9.8	-11.0	56.4	22.0	53.2	20.6	50.0	19.2	48.4	18.5	46.8	17.8	43.6	16.5
	-9.5	-10.0	56.4	21.4	53.2	20.0	50.0	18.7	48.4	18.0	46.8	17.3	43.6	16.0
	-8.5	-9.1	56.4	20.9	53.2	19.5	50.0	18.2	48.4	17.6	46.8	16.9	43.6	15.7
	-7.0	-7.6	56.4	20.0	53.2	18.7	50.0	17.5	48.4	16.9	46.8	16.3	43.6	15.1
	-5.0	-5.6	56.4	18.9	53.2	17.7	50.0	16.5	48.4	16.0	46.8	15.4	43.6	14.3
	-3.0	-3.7	56.4	17.9	53.2	16.8	50.0	15.7	48.4	15.2	46.8	14.6	43.6	13.6
	0.0	-0.7	56.4	16.4	53.2	15.4	50.0	14.5	48.4	14.0	46.8	13.5	43.6	12.6
	3.0	2.2	56.4	15.2	53.2	14.2	50.0	13.4	48.4	12.9	46.8	12.5	43.6	11.6
	5.0	4.1	56.4	14.4	53.2	13.5	50.0	12.7	48.4	12.3	46.8	11.9	43.6	11.1
	7.0	6.0	56.4	13.7	53.2	12.9	50.0	12.1	48.4	11.7	46.8	11.3	43.6	10.6
	9.0	7.9	56.4	13.0	53.2	12.2	50.0	11.5	48.4	11.2	46.8	10.8	43.6	10.1
	11.0	9.8	56.4	12.4	53.2	11.7	50.0	11.0	48.4	10.6	46.8	10.3	43.6	9.6
	13.0	11.8	56.4	11.7	53.2	11.1	50.0	10.5	48.4	10.1	46.8	9.8	43.6	9.20
	15.0	13.7	56.4	11.2	53.2	10.6	50.0	10.0	48.4	9.7	46.8	9.4	43.6	8.80

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ34PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1111)	-19.8	-20.0	62.1	14.5	61.9	15.9	61.6	17.3	61.5	18.0	61.4	18.7	61.1	20.2
	-18.8	-19.0	63.2	15.0	63.0	16.4	62.7	17.7	62.6	18.4	62.5	19.1	62.3	20.5
	-16.7	-17.0	65.7	15.9	65.4	17.3	65.2	18.6	65.0	19.3	64.9	19.9	64.7	21.3
	-13.7	-15.0	68.4	16.9	68.1	18.2	67.9	19.5	67.7	20.1	67.6	20.8	67.4	22.0
	-11.8	-13.0	71.3	17.9	71.1	19.1	70.8	20.4	70.7	21.0	70.6	21.6	70.4	22.8
	-9.8	-11.0	74.6	18.9	74.3	20.1	74.1	21.2	74.0	21.8	73.8	22.4	73.6	23.6
	-9.5	-10.0	76.3	19.4	76.1	20.5	75.8	21.7	75.7	22.2	75.6	22.8	75.3	24.0
	-8.5	-9.1	77.9	19.8	77.7	21.0	77.4	22.1	77.3	22.6	77.2	23.2	76.9	24.3
	-7.0	-7.6	80.7	20.6	80.5	21.6	80.2	22.7	80.1	23.2	80.0	23.8	79.8	24.8
	-5.0	-5.6	84.7	21.5	84.5	22.5	84.2	23.5	84.1	24.0	84.0	24.6	83.7	25.6
	-3.0	-3.7	88.7	22.4	88.5	23.3	88.3	24.3	88.1	24.8	88.0	25.3	87.8	26.2
	0.0	-0.7	96	23.7	95	24.6	95	25.4	95	25.9	95	26.3	95	27.2
	3.0	2.2	103	24.8	103	25.6	102	26.5	102	26.9	102	27.3	102	28.1
	5.0	4.1	108	25.5	108	26.3	107	27.1	107	27.5	107	27.9	107	28.7
	7.0	6.0	113	26.2	113	27.0	113	27.7	113	28.1	112	28.5	112	29.2
	9.0	7.9	119	26.9	119	27.6	118	28.3	118	28.7	118	29.0	118	29.7
	11.0	9.8	125	27.5	124	28.2	124	28.8	124	29.2	124	29.5	121	29.1
	13.0	11.8	131	28.1	131	28.7	130	29.4	130	29.7	130	29.8	121	27.4
	15.0	13.7	137	28.6	137	29.2	137	29.9	134	29.3	130	28.1	121	25.8
120% (1026)	-19.8	-20.0	61.8	16.4	61.6	17.7	61.3	19.0	61.2	19.7	61.1	20.3	60.9	21.6
	-18.8	-19.0	62.9	16.8	62.7	18.1	62.5	19.4	62.3	20.0	62.2	20.7	62.0	22.0
	-16.7	-17.0	65.3	17.7	65.1	19.0	64.9	20.2	64.8	20.8	64.7	21.4	64.4	22.7
	-13.7	-15.0	68.0	18.6	67.8	19.8	67.6	21.0	67.5	21.6	67.4	22.2	67.1	23.4
	-11.8	-13.0	71.0	19.6	70.8	20.7	70.6	21.8	70.4	22.4	70.3	22.9	70.1	24.1
	-9.8	-11.0	74.2	20.5	74.0	21.6	73.8	22.6	73.7	23.2	73.6	23.7	73.3	24.8
	-9.5	-10.0	76.0	20.9	75.7	22.0	75.5	23.0	75.4	23.6	75.3	24.1	75.1	25.1
	-8.5	-9.1	77.6	21.3	77.4	22.4	77.1	23.4	77.0	23.9	76.9	24.4	76.7	25.5
	-7.0	-7.6	80.4	22.0	80.2	23.0	79.9	24.0	79.8	24.5	79.7	25.0	79.5	26.0
	-5.0	-5.6	84.4	22.9	84.2	23.8	83.9	24.8	83.8	25.2	83.7	25.7	83.5	26.6
	-3.0	-3.7	88.4	23.7	88.2	24.6	88.0	25.5	87.9	25.9	87.7	26.4	87.5	27.3
	0.0	-0.7	95	24.9	95	25.7	95	26.5	95	26.9	95	27.3	94.4	28.2
	3.0	2.2	103	25.9	102	26.7	102	27.5	102	27.9	102	28.2	102	29.0
	5.0	4.1	108	26.6	107	27.3	107	28.1	107	28.4	107	28.8	107	29.5
	7.0	6.0	113	27.2	113	27.9	112	28.6	112	29.0	112	29.3	111	29.8
	9.0	7.9	118	27.8	118	28.5	118	29.2	118	29.5	118	29.8	111	28.0
	11.0	9.8	124	28.4	124	29.0	124	29.7	124	30.0	120	28.8	111	26.5
	13.0	11.8	131	29.0	130	29.6	128	29.3	124	28.2	120	27.1	111	24.9
	15.0	13.7	137	29.5	136	29.8	128	27.7	124	26.6	120	25.6	111	23.6
110% (941)	-19.8	-20.0	61.5	18.3	61.3	19.5	61.0	20.7	60.9	21.3	60.8	21.9	60.6	23.1
	-18.8	-19.0	62.6	18.7	62.4	19.9	62.2	21.1	62.1	21.6	62.0	22.2	61.7	23.4
	-16.7	-17.0	65.0	19.5	64.8	20.7	64.6	21.8	64.5	22.4	64.4	22.9	64.2	24.0
	-13.7	-15.0	67.7	20.4	67.5	21.5	67.3	22.5	67.2	23.1	67.1	23.6	66.9	24.7
	-11.8	-13.0	70.7	21.2	70.5	22.3	70.3	23.3	70.2	23.8	70.1	24.3	69.8	25.3
	-9.8	-11.0	73.9	22.1	73.7	23.0	73.5	24.0	73.4	24.5	73.3	25.0	73.1	26.0
	-9.5	-10.0	75.6	22.5	75.4	23.4	75.2	24.4	75.1	24.9	75.0	25.4	74.8	26.3
	-8.5	-9.1	77.3	22.8	77.1	23.8	76.8	24.7	76.7	25.2	76.6	25.7	76.4	26.6
	-7.0	-7.6	80.1	23.5	79.9	24.4	79.7	25.3	79.6	25.7	79.4	26.2	79.2	27.1
	-5.0	-5.6	84.1	24.3	83.8	25.1	83.6	26.0	83.5	26.4	83.4	26.8	83.2	27.7
	-3.0	-3.7	88.1	25.0	87.9	25.8	87.7	26.6	87.6	27.0	87.5	27.4	87.3	28.3
	0.0	-0.7	95	26.1	95	26.8	95	27.6	94	28.0	94.4	28.4	94.1	29.1
	3.0	2.2	102	27.1	102	27.8	102	28.5	102	28.8	102	29.2	101	29.9
	5.0	4.1	107	27.7	107	28.3	107	29.0	107	29.3	107	29.7	102	28.4
	7.0	6.0	113	28.3	112	28.9	112	29.5	112	29.8	110	29.2	102	26.8
	9.0	7.9	118	28.8	118	29.4	117	29.8	113	28.6	110	27.5	102	25.3
	11.0	9.8	124	29.3	124	29.9	117	28.1	113	27.0	110	26.0	102	23.9
	13.0	11.8	130	29.8	125	28.5	117	26.4	113	25.4	110	24.5	102	22.5
	15.0	13.7	132	28.8	125	26.9	117	25.0	113	24.0	110	23.1	102	21.3
100% (855)	-19.8	-20.0	61.1	20.2	60.9	21.3	60.8	22.4	60.7	22.9	60.6	23.5	60.4	24.6
	-18.8	-19.0	62.2	20.6	62.1	21.7	61.9	22.7	61.8	23.3	61.7	23.8	61.5	24.9
	-16.7	-17.0	64.7	21.3	64.5	22.4	64.3	23.4	64.2	23.9	64.1	24.4	63.9	25.4
	-13.7	-15.0	67.4	22.1	67.2	23.1	67.0	24.1	66.9	24.5	66.8	25.0	66.6	26.0
	-11.8	-13.0	70.3	22.9	70.2	23.8	70.0	24.7	69.9	25.2	69.8	25.7	69.6	26.6
	-9.8	-11.0	73.6	23.6	73.4	24.5	73.2	25.4	73.1	25.9	73.0	26.3	72.8	27.2
	-9.5	-10.0	75.3	24.0	75.1	24.9	74.9	25.8	74.8	26.2	74.8	26.6	74.6	27.5
	-8.5	-9.1	76.9	24.4	76.7	25.2	76.6	26.1	76.5	26.5	76.4	26.9	76.2	27.8
	-7.0	-7.6	79.7	24.9	79.6	25.7	79.4	26.6	79.3	27.0	79.2	27.4	79.0	28.2
	-5.0	-5.6	83.7	25.6	83.5	26.4	83.3	27.2	83.3	27.6	83.2	28.0	83.0	28.8
	-3.0	-3.7	87.8	26.3	87.6	27.0	87.4	27.8	87.3	28.2	87.2	28.5	87.0	29.3
	0.0	-0.7	95	27.3	94	28.0	94.3	28.7	94.2	29.0	94.1	29.4	92.8	29.5
	3.0	2.2	102	28.2	102	28.8	102	29.5	101	29.8	100	29.3	92.8	26.9
	5.0	4.1	107	28.7	107	29.3	107	29.9	103	28.8	100	27.6	92.8	25.4
	7.0	6.0	112	29.3	112	29.8	107	28.2	103	27.1	100	26.1	92.8	24.0
	9.0	7.9	118	29.8	113	28.6	107	26.6	103	25.6	100	24.6	92.8	22.7
	11.0	9.8	120	29.0	113	27.0	107	25.1	103	24.2	100	23.2	92.8	21.4
	13.0	11.8	120	27.2	113	25.4	107	23.7	103	22.8	100	21.9	92.8	20.2
	15.0	13.7	120	25.7	113	24.0	107	22.4	103	21.6	100	20.8	92.8	19.2

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (770)	-19.8	-20.0	60.8	22.1	60.6	23.1	60.5	24.1	60.4	24.6	60.3	25.1	60.1	26.0
	-18.8	-19.0	61.9	22.5	61.7	23.4	61.6	24.4	61.5	24.9	61.4	25.3	61.2	26.3
	-16.7	-17.0	64.3	23.1	64.2	24.1	64.0	25.0	63.9	25.4	63.8	25.9	63.7	26.8
	-13.7	-15.0	67.0	23.8	66.9	24.7	66.7	25.6	66.6	26.0	66.5	26.5	66.4	27.4
	-11.8	-13.0	70.0	24.5	69.8	25.4	69.7	26.2	69.6	26.6	69.5	27.0	69.3	27.9
	-9.8	-11.0	73.3	25.2	73.1	26.0	72.9	26.8	72.8	27.2	72.8	27.6	72.6	28.4
	-9.5	-10.0	75.0	25.5	74.8	26.3	74.7	27.1	74.6	27.5	74.5	27.9	74.3	28.7
	-8.5	-9.1	76.6	25.9	76.4	26.6	76.3	27.4	76.2	27.8	76.1	28.2	75.9	28.9
	-7.0	-7.6	79.4	26.4	79.2	27.1	79.1	27.8	79.0	28.2	78.9	28.6	78.7	29.3
	-5.0	-5.6	83.4	27.0	83.2	27.7	83.1	28.4	83.0	28.8	82.9	29.1	82.7	29.8
	-3.0	-3.7	87.4	27.6	87.3	28.3	87.1	28.9	87.0	29.3	86.9	29.6	83.5	28.6
	0.0	-0.7	94.3	28.5	94.1	29.1	94.0	29.7	92.8	29.5	89.7	28.3	83.5	26.0
	3.0	2.2	102	29.3	101	29.9	95.9	28.0	92.8	26.9	89.7	25.9	83.5	23.8
	5.0	4.1	107	29.8	102	28.4	95.9	26.4	92.8	25.4	89.7	24.4	83.5	22.5
	7.0	6.0	108	28.7	102	26.8	95.9	24.9	92.8	24.0	89.7	23.1	83.5	21.3
	9.0	7.9	108	27.1	102	25.3	95.9	23.5	92.8	22.7	89.7	21.8	83.5	20.1
	11.0	9.8	108	25.6	102	23.9	95.9	22.2	92.8	21.4	89.7	20.6	83.5	19.1
	13.0	11.8	108	24.1	102	22.5	95.9	21.0	92.8	20.2	89.7	19.5	83.5	18.0
	15.0	13.7	108	22.8	102	21.3	95.9	19.9	92.8	19.2	89.7	18.5	83.5	17.1
80% (684)	-19.8	-20.0	60.5	24.0	60.3	24.9	60.2	25.8	60.1	26.2	60.0	26.6	59.9	27.5
	-18.8	-19.0	61.6	24.3	61.4	25.2	61.3	26.0	61.2	26.5	61.1	26.9	61.0	27.7
	-16.7	-17.0	64.0	24.9	63.9	25.7	63.7	26.6	63.6	27.0	63.6	27.4	63.4	28.2
	-13.7	-15.0	66.7	25.5	66.6	26.3	66.4	27.1	66.3	27.5	66.3	27.9	66.1	28.7
	-11.8	-13.0	69.7	26.2	69.5	26.9	69.4	27.7	69.3	28.0	69.2	28.4	69.1	29.2
	-9.8	-11.0	72.9	26.8	72.8	27.5	72.6	28.2	72.6	28.6	72.5	28.9	72.3	29.6
	-9.5	-10.0	74.7	27.1	74.5	27.8	74.4	28.5	74.3	28.8	74.2	29.2	74.1	29.9
	-8.5	-9.1	76.3	27.4	76.1	28.0	76.0	28.7	75.9	29.1	75.8	29.4	74.3	29.2
	-7.0	-7.6	79.1	27.8	78.9	28.5	78.8	29.1	78.7	29.4	78.6	29.8	74.3	27.9
	-5.0	-5.6	83.1	28.4	82.9	29.0	82.8	29.6	82.5	29.8	79.7	28.6	74.3	26.3
	-3.0	-3.7	87.1	28.9	87.0	29.5	85.2	29.2	82.5	28.1	79.7	27.0	74.3	24.8
	0.0	-0.7	94.0	29.7	90.7	28.7	85.2	26.6	82.5	25.6	79.7	24.6	74.3	22.7
	3.0	2.2	96.1	28.1	90.7	26.2	85.2	24.4	82.5	23.5	79.7	22.6	74.3	20.8
	5.0	4.1	96.1	26.5	90.7	24.7	85.2	23.0	82.5	22.2	79.7	21.4	74.3	19.7
	7.0	6.0	96.1	25.0	90.7	23.4	85.2	21.8	82.5	21.0	79.7	20.2	74.3	18.7
	9.0	7.9	96.1	23.6	90.7	22.1	85.2	20.6	82.5	19.9	79.7	19.1	74.3	17.7
	11.0	9.8	96.1	22.3	90.7	20.9	85.2	19.5	82.5	18.8	79.7	18.1	74.3	16.8
	13.0	11.8	96.1	21.1	90.7	19.7	85.2	18.4	82.5	17.8	79.7	17.2	74.3	15.9
	15.0	13.7	96.1	20.0	90.7	18.7	85.2	17.5	82.5	16.9	79.7	16.3	74.3	15.1
70% (599)	-19.8	-20.0	60.1	25.9	60.0	26.7	59.9	27.5	59.8	27.8	59.8	28.2	59.6	29.0
	-18.8	-19.0	61.3	26.2	61.1	26.9	61.0	27.7	60.9	28.1	60.9	28.4	60.7	29.2
	-16.7	-17.0	63.7	26.7	63.6	27.4	63.4	28.2	63.4	28.5	63.3	28.9	63.2	29.6
	-13.7	-15.0	66.4	27.3	66.3	28.0	66.1	28.6	66.1	29.0	66.0	29.3	65.0	29.4
	-11.8	-13.0	69.4	27.8	69.2	28.5	69.1	29.1	69.0	29.4	69.0	29.8	65.0	27.8
	-9.8	-11.0	72.6	28.3	72.5	29.0	72.3	29.6	72.2	29.8	69.8	28.6	65.0	26.3
	-9.5	-10.0	74.3	28.6	74.2	29.2	74.1	29.8	72.2	29.0	69.8	27.8	65.0	25.6
	-8.5	-9.1	75.9	28.9	75.8	29.4	74.6	29.4	72.2	28.2	69.8	27.1	65.0	24.9
	-7.0	-7.6	78.8	29.2	78.6	29.8	74.6	28.1	72.2	27.0	69.8	25.9	65.0	23.9
	-5.0	-5.6	82.7	29.8	79.3	28.5	74.6	26.4	72.2	25.4	69.8	24.5	65.0	22.5
	-3.0	-3.7	84.1	28.8	79.3	26.9	74.6	25.0	72.2	24.0	69.8	23.1	65.0	21.3
	0.0	-0.7	84.1	26.2	79.3	24.5	74.6	22.8	72.2	22.0	69.8	21.2	65.0	19.6
	3.0	2.2	84.1	24.0	79.3	22.5	74.6	20.9	72.2	20.2	69.8	19.5	65.0	18.0
	5.0	4.1	84.1	22.7	79.3	21.2	74.6	19.8	72.2	19.1	69.8	18.4	65.0	17.1
	7.0	6.0	84.1	21.4	79.3	20.1	74.6	18.8	72.2	18.1	69.8	17.5	65.0	16.2
	9.0	7.9	84.1	20.3	79.3	19.0	74.6	17.8	72.2	17.2	69.8	16.6	65.0	15.4
	11.0	9.8	84.1	19.2	79.3	18.0	74.6	16.9	72.2	16.3	69.8	15.7	65.0	14.6
	13.0	11.8	84.1	18.2	79.3	17.1	74.6	16.0	72.2	15.4	69.8	14.9	65.0	13.9
	15.0	13.7	84.1	17.3	79.3	16.2	74.6	15.2	72.2	14.7	69.8	14.2	65.0	13.2
60% (513)	-19.8	-20.0	59.8	27.9	59.7	28.5	59.6	29.2	59.5	29.5	59.5	29.8	55.7	27.6
	-18.8	-19.0	60.9	28.1	60.8	28.7	60.7	29.4	60.6	29.7	59.8	29.4	55.7	27.0
	-16.7	-17.0	63.4	28.5	63.2	29.1	63.1	29.8	61.8	29.2	59.8	28.0	55.7	25.7
	-13.7	-15.0	66.1	29.0	65.9	29.6	63.9	28.8	61.8	27.7	59.8	26.6	55.7	24.5
	-11.8	-13.0	69.0	29.5	68.0	29.4	63.9	27.3	61.8	26.3	59.8	25.2	55.7	23.2
	-9.8	-11.0	72.1	29.8	68.0	27.8	63.9	25.8	61.8	24.8	59.8	23.9	55.7	22.0
	-9.5	-10.0	72.1	29.0	68.0	27.0	63.9	25.1	61.8	24.2	59.8	23.2	55.7	21.4
	-8.5	-9.1	72.1	28.2	68.0	26.3	63.9	24.5	61.8	23.6	59.8	22.7	55.7	20.9
	-7.0	-7.6	72.1	27.0	68.0	25.2	63.9	23.4	61.8	22.6	59.8	21.7	55.7	20.1
	-5.0	-5.6	72.1	25.4	68.0	23.7	63.9	22.1	61.8	21.3	59.8	20.5	55.7	19.0
	-3.0	-3.7	72.1	24.0	68.0	22.5	63.9	20.9	61.8	20.2	59.8	19.4	55.7	18.0
	0.0	-0.7	72.1	22.0	68.0	20.6	63.9	19.2	61.8	18.5	59.8	17.9	55.7	16.6
	3.0	2.2	72.1	20.2	68.0	18.9	63.9	17.7	61.8	17.1	59.8	16.5	55.7	15.3
	5.0	4.1	72.1	19.1	68.0	17.9	63.9	16.8	61.8	16.2	59.8	15.6	55.7	14.5
	7.0	6.0	72.1	18.1	68.0	17.0	63.9	15.9	61.8	15.4	59.8	14.9	55.7	13.8
	9.0	7.9	72.1	17.2	68.0	16.1	63.9	15.1	61.8	14.6	59.8	14.1	55.7	13.2
	11.0	9.8	72.1	16.3	68.0	15.3	63.9	14.4	61.8	13.9	59.8	13.4	55.7	12.5
	13.0	11.8	72.1	15.4	68.0	14.5	63.9	13.6	61.8	13.2	59.8	12.8	55.7	11.9
	15.0	13.7	72.1	14.7	68.0	13.8	63.9	13.0	61.8	12.6	59.8	12.2	55.7	11.4
50% (428)	-19.8	-20.0	59.5	29.8	56.7	28.2	53.3	26.2	51.5	25.2	49.8	24.2	46.4	22.3
	-18.8	-19.0	60.1	29.6	56.7	27.6	53.3	25.6	51.5	24.6	49.8	23.7	46.4	21.8
	-16.7	-17.0	60.1	28.2	56.7	26.3	53.3	24.4	51.5	23.5	49.8	22.6	46.4	20.9
	-13.7	-15.0	60.1	26.8	56.7	25.0	53.3	23.3	51.5	22.4	49.8	21.6	46.4	19.9
	-11.8	-13.0	60.1	25.4	56.7	23.7	53.3	22.1	51.5	21.3	49.8	20.5	46.4	18.9
	-9.8	-11.0	60.1	24.0	56.7	22.5	53.3	20.9	51.5	20.2	49.8	19.5	46.4	18.0
	-9.5	-10.0	60.1	23.4	56.7	21.9	53.3	20.4	51.5	19.7	49.8	18.9	46.4	17.5
	-8.5	-9.1	60.1	22.8	56.7	21.3	53.3	19.9	51.5	19.2	49.8	18.5	46.4	17.1
	-7.0	-7.6	60.1	21.8	56.7	20.5	53.3	19.1	51.5	18.4	49.8	17.8	46.4	16.5
	-5.0	-5.6	60.1	20.6	56.7	19.3	53.3	18.1	51.5	17.4	49.8	16.8	46.4	15.6
	-3.0	-3.7	60.1	19.6	56.7	18.3	53.3	17.1	51.5	16.6	49.8	16.0	46.4	14.8
	0.0	-0.7	60.1	18.0	56.7	16.9	53.3	15.8	51.5	15.3	49.8	14.7	46.4	13.7
	3.0	2.2	60.1	16.6	56.7	15.6	53.3	14.6	51.5	14.1	49.8	13.7	46.4	12.7
	5.0	4.1	60.1	15.7	56.7	14.8	53.3	13.9	51.5	13.4	49.8	13.0	46.4	12.1
	7.0	6.0	60.1	14.9	56.7	14.1	53.3	13.2	51.5	12.8	49.8	12.4	46.4	11.6
	9.0	7.9	60.1	14.2	56.7	13.4	53.3	12.6	51.5	12.2	49.8	11.8	46.4	11.0
	11.0	9.8	60.1	13.5	56.7	12.7	53.3	12.0	51.5	11.6	49.8	11.3	46.4	10.5
	13.0	11.8	60.1	12.8	56.7	12.1	53.3	11.4	51.5	11.1	49.8	10.7	46.4	10.1
	15.0	13.7	60.1	12.2	56.7	11.6	53.3	10.9	51.5	10.6	49.8	10.3	46.4	9.62

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ36PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	-19.8	-20.0	62.9	13.3	62.6	14.9	62.4	16.4	62.2	17.2	62.1	17.9	61.9	19.5
	-18.8	-19.0	64.0	13.8	63.8	15.3	63.5	16.8	63.4	17.6	63.2	18.3	63.0	19.9
	-16.7	-17.0	66.5	14.9	66.2	16.3	65.9	17.8	65.8	18.5	65.7	19.2	65.4	20.7
	-13.7	-15.0	69.2	16.0	68.9	17.3	68.7	18.7	68.5	19.4	68.4	20.1	68.2	21.5
	-11.8	-13.0	72.2	17.0	71.9	18.4	71.7	19.7	71.5	20.3	71.4	21.0	71.2	22.3
	-9.8	-11.0	75.5	18.1	75.2	19.4	74.9	20.6	74.8	21.3	74.7	21.9	74.4	23.2
	-9.5	-10.0	77.2	18.7	76.9	19.9	76.7	21.1	76.6	21.7	76.4	22.3	76.2	23.6
	-8.5	-9.1	78.8	19.1	78.6	20.3	78.3	21.5	78.2	22.1	78.1	22.7	77.8	23.9
	-7.0	-7.6	81.7	19.9	81.4	21.1	81.2	22.2	81.0	22.8	80.9	23.4	80.6	24.6
	-5.0	-5.6	85.7	20.9	85.4	22.0	85.2	23.1	85.0	23.7	84.9	24.2	84.7	25.3
	-3.0	-3.7	89.8	21.9	89.5	22.9	89.2	24.0	89.1	24.5	89.0	25.0	88.7	26.1
	0.0	-0.7	97	23.3	96	24.2	96	25.2	96	25.7	96	26.2	96	27.1
	3.0	2.2	104	24.5	104	25.4	103	26.3	103	26.8	103	27.2	103	28.1
	5.0	4.1	109	25.3	109	26.2	109	27.0	108	27.4	108	27.9	108	28.7
	7.0	6.0	114	26.0	114	26.9	114	27.7	114	28.1	114	28.5	113	29.3
	9.0	7.9	120	26.7	120	27.5	120	28.3	119	28.7	119	29.1	119	29.8
	11.0	9.8	126	27.4	126	28.1	125	28.9	125	29.2	125	29.6	125	30.4
	13.0	11.8	132	28.1	132	28.8	132	29.5	132	29.8	132	30.2	128	29.7
	15.0	13.7	139	28.6	138	29.3	138	30.0	138	30.3	137	30.5	128	28.0
120% (1080)	-19.8	-20.0	62.5	15.4	62.3	16.8	62.1	18.2	62.0	18.9	61.8	19.6	61.6	21.1
	-18.8	-19.0	63.7	15.9	63.4	17.3	63.2	18.6	63.1	19.3	63.0	20.0	62.7	21.4
	-16.7	-17.0	66.1	16.8	65.9	18.2	65.6	19.5	65.5	20.2	65.4	20.8	65.2	22.2
	-13.7	-15.0	68.8	17.8	68.6	19.1	68.4	20.4	68.2	21.0	68.1	21.7	67.9	22.9
	-11.8	-13.0	71.8	18.8	71.6	20.0	71.4	21.3	71.2	21.9	71.1	22.5	70.9	23.7
	-9.8	-11.0	75.1	19.8	74.9	21.0	74.6	22.2	74.5	22.7	74.4	23.3	74.2	24.5
	-9.5	-10.0	76.9	20.3	76.6	21.5	76.4	22.6	76.3	23.2	76.1	23.7	75.9	24.9
	-8.5	-9.1	78.5	20.8	78.2	21.9	78.0	23.0	77.9	23.5	77.8	24.1	77.5	25.2
	-7.0	-7.6	81.3	21.5	81.1	22.6	80.8	23.6	80.7	24.2	80.6	24.7	80.4	25.8
	-5.0	-5.6	85.3	22.4	85.1	23.4	84.9	24.5	84.7	25.0	84.6	25.5	84.4	26.5
	-3.0	-3.7	89.4	23.3	89.2	24.2	88.9	25.2	88.8	25.7	88.7	26.2	88.5	27.2
	0.0	-0.7	96	24.6	96	25.5	96	26.4	96	26.8	96	27.3	95	28.2
	3.0	2.2	104	25.7	103	26.6	103	27.4	103	27.8	103	28.2	103	29.1
	5.0	4.1	109	26.5	109	27.2	108	28.0	108	28.4	108	28.8	108	29.6
	7.0	6.0	114	27.1	114	27.9	114	28.6	113	29.0	113	29.4	113	30.2
	9.0	7.9	120	27.8	119	28.5	119	29.2	119	29.6	119	29.9	118	30.4
	11.0	9.8	126	28.4	125	29.1	125	29.8	125	30.1	125	30.4	118	28.7
	13.0	11.8	132	29.0	132	29.7	131	30.3	131	30.6	127	29.4	118	27.0
	15.0	13.7	138	29.6	138	30.2	136	30.0	131	28.9	127	27.8	118	25.6
110% (990)	-19.8	-20.0	62.2	17.5	62.0	18.8	61.8	20.1	61.7	20.7	61.5	21.4	61.3	22.7
	-18.8	-19.0	63.3	17.9	63.1	19.2	62.9	20.4	62.8	21.1	62.7	21.7	62.4	23.0
	-16.7	-17.0	65.8	18.8	65.5	20.0	65.3	21.2	65.2	21.8	65.1	22.5	64.9	23.7
	-13.7	-15.0	68.5	19.7	68.3	20.9	68.1	22.0	67.9	22.6	67.8	23.2	67.6	24.4
	-11.8	-13.0	71.5	20.6	71.3	21.7	71.1	22.9	70.9	23.4	70.8	24.0	70.6	25.1
	-9.8	-11.0	74.8	21.5	74.5	22.6	74.3	23.7	74.2	24.2	74.1	24.7	73.9	25.8
	-9.5	-10.0	76.5	22.0	76.3	23.0	76.1	24.1	76.0	24.6	75.9	25.1	75.6	26.2
	-8.5	-9.1	78.1	22.4	77.9	23.4	77.7	24.4	77.6	24.9	77.5	25.4	77.3	26.5
	-7.0	-7.6	81.0	23.0	80.8	24.0	80.5	25.0	80.4	25.5	80.3	26.0	80.1	27.0
	-5.0	-5.6	85.0	23.9	84.8	24.8	84.6	25.8	84.4	26.2	84.3	26.7	84.1	27.6
	-3.0	-3.7	89.1	24.7	88.8	25.6	88.6	26.5	88.5	26.9	88.4	27.4	88.2	28.3
	0.0	-0.7	96	25.9	96	26.7	96	27.5	95	27.9	95	28.4	95	29.2
	3.0	2.2	103	27.0	103	27.7	103	28.5	103	28.9	103	29.2	102	30.0
	5.0	4.1	108	27.6	108	28.3	108	29.1	108	29.4	108	29.8	108	30.5
	7.0	6.0	114	28.2	114	28.9	113	29.6	113	30.0	113	30.3	108	29.1
	9.0	7.9	119	28.8	119	29.5	119	30.1	119	30.5	116	29.9	108	27.5
	11.0	9.8	125	29.4	125	30.0	124	30.5	120	29.3	116	28.2	108	25.9
	13.0	11.8	132	30.0	131	30.6	124	28.7	120	27.6	116	26.5	108	24.5
	15.0	13.7	138	30.5	132	29.2	124	27.1	120	26.1	116	25.1	108	23.2
100% (900)	-19.8	-20.0	61.8	19.5	61.6	20.7	61.5	21.9	61.4	22.5	61.3	23.1	61.1	24.3
	-18.8	-19.0	63.0	19.9	62.8	21.1	62.6	22.2	62.5	22.8	62.4	23.4	62.2	24.6
	-16.7	-17.0	65.4	20.7	65.2	21.9	65.0	23.0	64.9	23.5	64.8	24.1	64.6	25.2
	-13.7	-15.0	68.1	21.6	67.9	22.6	67.7	23.7	67.6	24.2	67.5	24.8	67.3	25.8
	-11.8	-13.0	71.1	22.4	70.9	23.4	70.7	24.4	70.6	24.9	70.5	25.5	70.3	26.5
	-9.8	-11.0	74.4	23.2	74.2	24.2	74.0	25.2	73.9	25.7	73.8	26.1	73.6	27.1
	-9.5	-10.0	76.2	23.6	76.0	24.6	75.8	25.5	75.7	26.0	75.6	26.5	75.4	27.4
	-8.5	-9.1	77.8	24.0	77.6	24.9	77.4	25.9	77.3	26.3	77.2	26.8	77.0	27.7
	-7.0	-7.6	80.6	24.6	80.4	25.5	80.2	26.4	80.1	26.8	80.0	27.3	79.8	28.2
	-5.0	-5.6	84.6	25.4	84.4	26.2	84.2	27.1	84.1	27.5	84.0	27.9	83.8	28.8
	-3.0	-3.7	88.7	26.1	88.5	26.9	88.3	27.7	88.2	28.1	88.1	28.5	87.9	29.4
	0.0	-0.7	96	27.2	95	27.9	95	28.7	95	29.1	95	29.4	94.9	30.2
	3.0	2.2	103	28.2	103	28.9	103	29.6	102	29.9	102	30.3	98.5	29.2
	5.0	4.1	108	28.8	108	29.4	108	30.1	108	30.4	106	30.0	98.5	27.6
	7.0	6.0	113	29.3	113	30.0	113	30.6	109	29.4	106	28.3	98.5	26.0
	9.0	7.9	119	29.9	119	30.5	113	28.9	109	27.8	106	26.7	98.5	24.6
	11.0	9.8	125	30.4	120	29.3	113	27.2	109	26.2	106	25.2	98.5	23.3
	13.0	11.8	128	29.6	120	27.6	113	25.7	109	24.7	106	23.8	98.5	22.0
	15.0	13.7	128	27.9	120	26.1	113	24.3	109	23.4	106	22.5	98.5	20.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (810)	-19.8	-20.0	61.5	21.6	61.3	22.7	61.1	23.7	61.1	24.3	61.0	24.8	60.8	25.9
	-18.8	-19.0	62.6	22.0	62.4	23.0	62.3	24.0	62.2	24.6	62.1	25.1	61.9	26.1
	-16.7	-17.0	65.1	22.7	64.9	23.7	64.7	24.7	64.6	25.2	64.5	25.7	64.4	26.7
	-13.7	-15.0	67.8	23.4	67.6	24.4	67.4	25.4	67.3	25.8	67.3	26.3	67.1	27.3
	-11.8	-13.0	70.8	24.2	70.6	25.1	70.4	26.0	70.3	26.5	70.3	26.9	70.1	27.9
	-9.8	-11.0	74.1	24.9	73.9	25.8	73.7	26.7	73.6	27.1	73.5	27.6	73.4	28.4
	-9.5	-10.0	75.8	25.3	75.6	26.2	75.5	27.0	75.4	27.4	75.3	27.9	75.1	28.7
	-8.5	-9.1	77.4	25.6	77.3	26.5	77.1	27.3	77.0	27.7	76.9	28.1	76.7	29.0
	-7.0	-7.6	80.3	26.2	80.1	27.0	79.9	27.8	79.8	28.2	79.7	28.6	79.6	29.4
	-5.0	-5.6	84.3	26.9	84.1	27.7	83.9	28.4	83.8	28.8	83.8	29.2	83.6	29.9
	-3.0	-3.7	88.4	27.5	88.2	28.3	88.0	29.0	87.9	29.4	87.8	29.7	87.7	30.4
	0.0	-0.7	95	28.5	95	29.2	95	29.9	94.9	30.2	94.8	30.5	88.6	28.2
	3.0	2.2	103	29.4	102	30.0	102	30.4	98.4	29.2	95.2	28.1	88.6	25.9
	5.0	4.1	108	29.9	108	30.5	102	28.6	98.4	27.6	95.2	26.5	88.6	24.4
	7.0	6.0	113	30.4	108	29.1	102	27.0	98.4	26.0	95.2	25.0	88.6	23.1
	9.0	7.9	115	29.4	108	27.4	102	25.5	98.4	24.6	95.2	23.7	88.6	21.8
	11.0	9.8	115	27.7	108	25.9	102	24.1	98.4	23.3	95.2	22.4	88.6	20.7
	13.0	11.8	115	26.1	108	24.4	102	22.8	98.4	22.0	95.2	21.2	88.6	19.6
	15.0	13.7	115	24.7	108	23.1	102	21.6	98.4	20.8	95.2	20.1	88.6	18.6
80% (720)	-19.8	-20.0	61.2	23.7	61.0	24.6	60.8	25.6	60.8	26.0	60.7	26.5	60.5	27.5
	-18.8	-19.0	62.3	24.0	62.1	24.9	62.0	25.8	61.9	26.3	61.8	26.8	61.6	27.7
	-16.7	-17.0	64.7	24.6	64.6	25.5	64.4	26.4	64.3	26.9	64.2	27.3	64.1	28.2
	-13.7	-15.0	67.4	25.3	67.3	26.2	67.1	27.0	67.0	27.4	67.0	27.9	66.8	28.7
	-11.8	-13.0	70.4	26.0	70.3	26.8	70.1	27.6	70.0	28.0	70.0	28.4	69.8	29.2
	-9.8	-11.0	73.7	26.6	73.6	27.4	73.4	28.2	73.3	28.6	73.2	29.0	73.1	29.8
	-9.5	-10.0	75.5	27.0	75.3	27.7	75.1	28.5	75.1	28.9	75.0	29.2	74.8	30.0
	-8.5	-9.1	77.1	27.3	76.9	28.0	76.8	28.8	76.7	29.1	76.6	29.5	76.5	30.2
	-7.0	-7.6	79.9	27.8	79.8	28.5	79.6	29.2	79.5	29.5	79.4	29.9	78.8	30.3
	-5.0	-5.6	83.9	28.4	83.8	29.1	83.6	29.7	83.5	30.1	83.5	30.4	78.8	28.5
	-3.0	-3.7	88.0	29.0	87.9	29.6	87.7	30.3	87.5	30.5	84.6	29.3	78.8	27.0
	0.0	-0.7	95	29.8	94.8	30.4	90.4	28.9	87.5	27.8	84.6	26.7	78.8	24.6
	3.0	2.2	102	30.5	96.2	28.4	90.4	26.5	87.5	25.5	84.6	24.5	78.8	22.6
	5.0	4.1	102	28.7	96.2	26.8	90.4	25.0	87.5	24.1	84.6	23.2	78.8	21.4
	7.0	6.0	102	27.1	96.2	25.3	90.4	23.6	87.5	22.8	84.6	21.9	78.8	20.3
	9.0	7.9	102	25.6	96.2	24.0	90.4	22.3	87.5	21.5	84.6	20.8	78.8	19.2
	11.0	9.8	102	24.2	96.2	22.7	90.4	21.2	87.5	20.4	84.6	19.7	78.8	18.2
	13.0	11.8	102	22.9	96.2	21.4	90.4	20.0	87.5	19.3	84.6	18.6	78.8	17.3
	15.0	13.7	102	21.7	96.2	20.3	90.4	19.0	87.5	18.3	84.6	17.7	78.8	16.4
70% (630)	-19.8	-20.0	60.8	25.7	60.7	26.6	60.5	27.4	60.5	27.8	60.4	28.2	60.2	29.1
	-18.8	-19.0	61.9	26.0	61.8	26.8	61.6	27.6	61.6	28.1	61.5	28.5	61.4	29.3
	-16.7	-17.0	64.4	26.6	64.2	27.4	64.1	28.2	64.0	28.5	64.0	28.9	63.8	29.7
	-13.7	-15.0	67.1	27.2	67.0	27.9	66.8	28.7	66.7	29.0	66.7	29.4	66.5	30.2
	-11.8	-13.0	70.1	27.8	70.0	28.5	69.8	29.2	69.7	29.5	69.7	29.9	68.9	30.2
	-9.8	-11.0	73.4	28.3	73.2	29.0	73.1	29.7	73.0	30.0	73.0	30.4	68.9	28.6
	-9.5	-10.0	75.1	28.6	75.0	29.3	74.8	30.0	74.8	30.3	74.0	30.2	68.9	27.8
	-8.5	-9.1	76.7	28.9	76.6	29.5	76.5	30.2	76.4	30.5	74.0	29.4	68.9	27.1
	-7.0	-7.6	79.6	29.3	79.4	29.9	79.1	30.5	76.6	29.3	74.0	28.2	68.9	25.9
	-5.0	-5.6	83.6	29.9	83.5	30.5	79.1	28.7	76.6	27.6	74.0	26.5	68.9	24.5
	-3.0	-3.7	87.7	30.4	84.2	29.1	79.1	27.1	76.6	26.1	74.0	25.1	68.9	23.1
	0.0	-0.7	89.3	28.5	84.2	26.6	79.1	24.8	76.6	23.9	74.0	23.0	68.9	21.2
	3.0	2.2	89.3	26.1	84.2	24.4	79.1	22.7	76.6	21.9	74.0	21.1	68.9	19.5
	5.0	4.1	89.3	24.6	84.2	23.0	79.1	21.5	76.6	20.7	74.0	20.0	68.9	18.5
	7.0	6.0	89.3	23.3	84.2	21.8	79.1	20.4	76.6	19.6	74.0	18.9	68.9	17.6
	9.0	7.9	89.3	22.0	84.2	20.6	79.1	19.3	76.6	18.6	74.0	18.0	68.9	16.7
	11.0	9.8	89.3	20.9	84.2	19.6	79.1	18.3	76.6	17.7	74.0	17.1	68.9	15.9
	13.0	11.8	89.3	19.7	84.2	18.5	79.1	17.3	76.6	16.8	74.0	16.2	68.9	15.1
	15.0	13.7	89.3	18.7	84.2	17.6	79.1	16.5	76.6	15.9	74.0	15.4	68.9	14.3
60% (540)	-19.8	-20.0	60.5	27.8	60.3	28.5	60.2	29.2	60.2	29.6	60.1	29.9	59.1	29.9
	-18.8	-19.0	61.6	28.1	61.5	28.8	61.3	29.4	61.3	29.8	61.2	30.1	59.1	29.3
	-16.7	-17.0	64.0	28.5	63.9	29.2	63.8	29.9	63.7	30.2	63.4	30.4	59.1	27.9
	-13.7	-15.0	66.7	29.0	66.6	29.7	66.5	30.3	65.6	30.1	63.4	28.9	59.1	26.6
	-11.8	-13.0	69.7	29.6	69.6	30.2	67.8	29.6	65.6	28.5	63.4	27.4	59.1	25.2
	-9.8	-11.0	73.0	30.1	72.2	30.2	67.8	28.0	65.6	27.0	63.4	25.9	59.1	23.9
	-9.5	-10.0	74.8	30.3	72.2	29.3	67.8	27.2	65.6	26.2	63.4	25.2	59.1	23.3
	-8.5	-9.1	76.4	30.5	72.2	28.5	67.8	26.5	65.6	25.6	63.4	24.6	59.1	22.7
	-7.0	-7.6	76.5	29.3	72.2	27.3	67.8	25.4	65.6	24.5	63.4	23.6	59.1	21.8
	-5.0	-5.6	76.5	27.6	72.2	25.8	67.8	24.0	65.6	23.1	63.4	22.3	59.1	20.6
	-3.0	-3.7	76.5	26.1	72.2	24.4	67.8	22.7	65.6	21.9	63.4	21.1	59.1	19.5
	0.0	-0.7	76.5	23.8	72.2	22.3	67.8	20.8	65.6	20.1	63.4	19.4	59.1	18.0
	3.0	2.2	76.5	21.9	72.2	20.5	67.8	19.2	65.6	18.5	63.4	17.9	59.1	16.6
	5.0	4.1	76.5	20.7	72.2	19.4	67.8	18.2	65.6	17.6	63.4	17.0	59.1	15.8
	7.0	6.0	76.5	19.6	72.2	18.4	67.8	17.3	65.6	16.7	63.4	16.1	59.1	15.0
	9.0	7.9	76.5	18.6	72.2	17.5	67.8	16.4	65.6	15.9	63.4	15.3	59.1	14.3
	11.0	9.8	76.5	17.7	72.2	16.6	67.8	15.6	65.6	15.1	63.4	14.6	59.1	13.6
	13.0	11.8	76.5	16.8	72.2	15.8	67.8	14.8	65.6	14.3	63.4	13.9	59.1	12.9
	15.0	13.7	76.5	15.9	72.2	15.0	67.8	14.1	65.6	13.7	63.4	13.2	59.1	12.4
50% (450)	-19.8	-20.0	60.1	29.9	60.0	30.5	56.5	28.4	54.7	27.3	52.9	26.3	49.2	24.2
	-18.8	-19.0	61.2	30.1	60.1	29.9	56.5	27.8	54.7	26.7	52.9	25.7	49.2	23.7
	-16.7	-17.0	63.7	30.5	60.1	28.5	56.5	26.5	54.7	25.5	52.9	24.6	49.2	22.7
	-13.7	-15.0	63.8	29.0	60.1	27.1	56.5	25.2	54.7	24.3	52.9	23.4	49.2	21.6
	-11.8	-13.0	63.8	27.5	60.1	25.7	56.5	24.0	54.7	23.1	52.9	22.2	49.2	20.6
	-9.8	-11.0	63.8	26.1	60.1	24.4	56.5	22.7	54.7	21.9	52.9	21.1	49.2	19.5
	-9.5	-10.0	63.8	25.4	60.1	23.7	56.5	22.1	54.7	21.3	52.9	20.6	49.2	19.0
	-8.5	-9.1	63.8	24.7	60.1	23.1	56.5	21.6	54.7	20.8	52.9	20.1	49.2	18.6
	-7.0	-7.6	63.8	23.7	60.1	22.2	56.5	20.7	54.7	20.0	52.9	19.3	49.2	17.9
	-5.0	-5.6	63.8	22.4	60.1	21.0	56.5	19.6	54.7	18.9	52.9	18.3	49.2	16.9
	-3.0	-3.7	63.8	21.2	60.1	19.9	56.5	18.6	54.7	18.0	52.9	17.3	49.2	16.1
	0.0	-0.7	63.8	19.5	60.1	18.3	56.5	17.1	54.7	16.6	52.9	16.0	49.2	14.9
	3.0	2.2	63.8	18.0	60.1	16.9	56.5	15.8	54.7	15.3	52.9	14.8	49.2	13.8
	5.0	4.1	63.8	17.1	60.1	16.1	56.5	15.1	54.7	14.6	52.9	14.1	49.2	13.2
	7.0	6.0	63.8	16.2	60.1	15.3	56.5	14.3	54.7	13.9	52.9	13.4	49.2	12.5
	9.0	7.9	63.8	15.4	60.1	14.5	56.5	13.7	54.7	13.2	52.9	12.8	49.2	12.0
	11.0	9.8	63.8	14.7	60.1	13.8	56.5	13.0	54.7	12.6	52.9	12.2	49.2	11.4
	13.0	11.8	63.8	13.9	60.1	13.2	56.5	12.4	54.7	12.0	52.9	11.6	49.2	10.9
	15.0	13.7	63.8	13.3	60.1	12.6	56.5	11.8	54.7	11.5	52.9	11.1	49.2	10.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ38PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	-19.8	-20.0	71.4	16.8	71.1	18.3	70.8	19.8	70.7	20.5	70.5	21.3	70.3	22.8
	-18.8	-19.0	72.8	17.3	72.5	18.8	72.3	20.3	72.1	21.0	72.0	21.7	71.7	23.2
	-16.7	-17.0	75.9	18.5	75.6	19.9	75.4	21.3	75.2	22.0	75.1	22.7	74.8	24.1
	-13.7	-15.0	79.3	19.6	79.0	20.9	78.7	22.3	78.6	22.9	78.4	23.6	78.2	24.9
	-11.8	-13.0	82.9	20.7	82.6	21.9	82.3	23.2	82.2	23.9	82.0	24.5	81.8	25.8
	-9.8	-11.0	86.7	21.7	86.4	22.9	86.1	24.2	86.0	24.8	85.9	25.4	85.6	26.6
	-9.5	-10.0	88.7	22.2	88.4	23.4	88.2	24.6	88.0	25.2	87.9	25.8	87.6	27.0
	-8.5	-9.1	90.6	22.7	90.3	23.9	90.0	25.0	89.9	25.6	89.7	26.2	89.5	27.3
	-7.0	-7.6	93.8	23.4	93.5	24.6	93.2	25.7	93.1	26.2	93.0	26.8	92.7	27.9
	-5.0	-5.6	98.3	24.4	98.0	25.5	97.7	26.5	97.6	27.1	97.5	27.6	97.2	28.7
	-3.0	-3.7	103	25.3	103	26.3	102	27.3	102	27.8	102	28.3	102	29.3
	0.0	-0.7	110	26.6	110	27.5	110	28.4	110	28.9	110	29.4	109	30.3
	3.0	2.2	118	27.7	118	28.6	118	29.5	118	29.9	117	30.4	117	31.2
	5.0	4.1	124	28.4	123	29.3	123	30.1	123	30.5	123	30.9	123	31.8
	7.0	6.0	129	29.1	129	29.9	129	30.7	129	31.1	128	31.5	128	32.3
	9.0	7.9	135	29.7	135	30.5	135	31.3	134	31.7	134	32.0	134	32.8
	11.0	9.8	141	30.4	141	31.1	141	31.8	141	32.2	140	32.5	135	31.3
	13.0	11.8	148	31.0	148	31.7	147	32.4	147	32.7	145	32.2	135	29.6
	15.0	13.7	154	31.5	154	32.2	154	32.8	150	31.8	145	30.6	135	28.1
120% (1140)	-19.8	-20.0	71.0	18.8	70.7	20.2	70.5	21.6	70.4	22.3	70.2	22.9	70.0	24.3
	-18.8	-19.0	72.4	19.3	72.2	20.7	71.9	22.0	71.8	22.7	71.7	23.4	71.4	24.7
	-16.7	-17.0	75.5	20.4	75.3	21.7	75.0	23.0	74.9	23.6	74.8	24.2	74.5	25.5
	-13.7	-15.0	78.9	21.4	78.6	22.6	78.4	23.9	78.3	24.5	78.1	25.1	77.9	26.3
	-11.8	-13.0	82.5	22.4	82.2	23.6	82.0	24.8	81.9	25.3	81.7	25.9	81.5	27.1
	-9.8	-11.0	86.3	23.4	86.1	24.5	85.8	25.6	85.7	26.2	85.6	26.7	85.3	27.9
	-9.5	-10.0	88.3	23.8	88.1	24.9	87.8	26.0	87.7	26.6	87.6	27.1	87.3	28.2
	-8.5	-9.1	90.2	24.3	89.9	25.3	89.7	26.4	89.6	27.0	89.4	27.5	89.2	28.6
	-7.0	-7.6	93.4	25.0	93.2	26.0	92.9	27.0	92.8	27.5	92.7	28.1	92.4	29.1
	-5.0	-5.6	97.9	25.8	97.7	26.8	97.4	27.8	97.3	28.3	97.2	28.8	96.9	29.8
	-3.0	-3.7	102	26.6	102	27.6	102	28.5	102	29.0	102	29.5	101	30.4
	0.0	-0.7	110	27.8	110	28.7	109	29.6	109	30.0	109	30.5	109	31.3
	3.0	2.2	118	28.9	118	29.7	117	30.5	117	30.9	117	31.3	117	32.2
	5.0	4.1	123	29.6	123	30.3	123	31.1	123	31.5	123	31.9	122	32.7
	7.0	6.0	129	30.2	129	30.9	128	31.7	128	32.0	128	32.4	124	31.8
	9.0	7.9	135	30.8	135	31.5	134	32.2	134	32.5	134	32.7	124	30.1
	11.0	9.8	141	31.3	141	32.0	140	32.7	138	32.3	134	31.0	124	28.5
	13.0	11.8	148	31.9	147	32.5	143	31.7	138	30.5	134	29.3	124	26.9
	15.0	13.7	154	32.4	152	32.4	143	30.1	138	28.9	134	27.8	124	25.6
110% (1045)	-19.8	-20.0	70.6	20.8	70.4	22.1	70.2	23.4	70.0	24.0	69.9	24.6	69.7	25.9
	-18.8	-19.0	72.1	21.3	71.9	22.5	71.6	23.8	71.5	24.4	71.4	25.0	71.2	26.3
	-16.7	-17.0	75.2	22.3	74.9	23.4	74.7	24.6	74.6	25.2	74.5	25.8	74.3	27.0
	-13.7	-15.0	78.5	23.2	78.3	24.3	78.1	25.5	77.9	26.0	77.8	26.6	77.6	27.7
	-11.8	-13.0	82.1	24.1	81.9	25.2	81.7	26.3	81.5	26.8	81.4	27.4	81.2	28.4
	-9.8	-11.0	86.0	25.0	85.7	26.0	85.5	27.1	85.4	27.6	85.3	28.1	85.0	29.1
	-9.5	-10.0	88.0	25.5	87.7	26.5	87.5	27.5	87.4	28.0	87.3	28.5	87.0	29.5
	-8.5	-9.1	89.8	25.8	89.6	26.8	89.4	27.8	89.3	28.3	89.1	28.8	88.9	29.8
	-7.0	-7.6	93.0	26.5	92.8	27.4	92.6	28.4	92.5	28.8	92.4	29.3	92.1	30.3
	-5.0	-5.6	97.5	27.3	97.3	28.2	97.1	29.1	97.0	29.5	96.9	30.0	96.6	30.9
	-3.0	-3.7	102	28.0	102	28.9	102	29.7	101	30.2	101	30.6	101	31.5
	0.0	-0.7	110	29.1	109	29.9	109	30.7	109	31.1	109	31.5	109	32.3
	3.0	2.2	117	30.1	117	30.8	117	31.6	117	32.0	117	32.3	114	32.0
	5.0	4.1	123	30.7	123	31.4	122	32.1	122	32.5	122	32.8	114	30.2
	7.0	6.0	129	31.3	128	32.0	128	32.6	127	32.5	122	31.2	114	28.6
	9.0	7.9	134	31.8	134	32.5	131	31.9	127	30.7	122	29.5	114	27.1
	11.0	9.8	140	32.3	139	32.6	131	30.2	127	29.1	122	28.0	114	25.7
	13.0	11.8	147	32.8	139	30.8	131	28.6	127	27.5	122	26.4	114	24.4
	15.0	13.7	148	31.3	139	29.2	131	27.1	127	26.1	122	25.1	114	23.2
100% (950)	-19.8	-20.0	70.3	22.8	70.0	24.0	69.8	25.2	69.7	25.7	69.6	26.3	69.4	27.5
	-18.8	-19.0	71.7	23.3	71.5	24.4	71.3	25.5	71.2	26.1	71.1	26.7	70.9	27.8
	-16.7	-17.0	74.8	24.2	74.6	25.2	74.4	26.3	74.3	26.8	74.2	27.4	74.0	28.5
	-13.7	-15.0	78.2	25.0	77.9	26.0	77.7	27.1	77.6	27.6	77.5	28.1	77.3	29.1
	-11.8	-13.0	81.7	25.8	81.5	26.8	81.3	27.8	81.2	28.3	81.1	28.8	80.9	29.8
	-9.8	-11.0	85.6	26.7	85.4	27.6	85.2	28.5	85.1	29.0	85.0	29.5	84.7	30.4
	-9.5	-10.0	87.6	27.1	87.4	28.0	87.2	28.9	87.1	29.3	87.0	29.8	86.8	30.7
	-8.5	-9.1	89.5	27.4	89.3	28.3	89.0	29.2	88.9	29.6	88.8	30.1	88.6	31.0
	-7.0	-7.6	92.7	28.0	92.5	28.8	92.3	29.7	92.2	30.1	92.0	30.6	91.8	31.4
	-5.0	-5.6	97.2	28.7	97.0	29.5	96.8	30.4	96.7	30.8	96.6	31.2	96.3	32.0
	-3.0	-3.7	102	29.4	101	30.2	101	31.0	101	31.3	101	31.7	101	32.5
	0.0	-0.7	109	30.4	109	31.1	109	31.8	109	32.2	109	32.6	104	31.1
	3.0	2.2	117	31.3	117	32.0	117	32.6	115	32.4	111	31.1	104	28.5
	5.0	4.1	123	31.8	122	32.5	119	31.8	115	30.6	111	29.4	104	27.0
	7.0	6.0	128	32.4	127	32.4	119	30.1	115	29.0	111	27.8	104	25.6
	9.0	7.9	134	32.9	127	30.7	119	28.5	115	27.4	111	26.4	104	24.3
	11.0	9.8	134	31.2	127	29.1	119	27.0	115	26.0	111	25.0	104	23.1
	13.0	11.8	134	29.5	127	27.5	119	25.6	115	24.6	111	23.7	104	21.9
	15.0	13.7	134	28.0	127	26.1	119	24.3	115	23.4	111	22.5	104	20.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (855)	-19.8	-20.0	69.9	24.9	69.7	25.9	69.5	26.9	69.4	27.5	69.3	28.0	69.1	29.0
	-18.8	-19.0	71.3	25.3	71.2	26.3	71.0	27.3	70.9	27.8	70.8	28.3	70.6	29.3
	-16.7	-17.0	74.4	26.0	74.3	27.0	74.1	28.0	74.0	28.5	73.9	29.0	73.7	29.9
	-13.7	-15.0	77.8	26.8	77.6	27.7	77.4	28.7	77.3	29.1	77.2	29.6	77.0	30.5
	-11.8	-13.0	81.4	27.6	81.2	28.5	81.0	29.3	80.9	29.8	80.8	30.2	80.6	31.1
	-9.8	-11.0	85.2	28.3	85.0	29.1	84.8	30.0	84.7	30.4	84.7	30.8	84.5	31.7
	-9.5	-10.0	87.2	28.7	87.0	29.5	86.9	30.3	86.8	30.7	86.7	31.1	86.5	32.0
	-8.5	-9.1	89.1	29.0	88.9	29.8	88.7	30.6	88.6	31.0	88.5	31.4	88.3	32.2
	-7.0	-7.6	92.3	29.5	92.1	30.3	91.9	31.1	91.8	31.4	91.7	31.8	91.6	32.6
	-5.0	-5.6	96.8	30.2	96.6	30.9	96.4	31.6	96.3	32.0	96.2	32.4	93.3	31.7
	-3.0	-3.7	101	30.8	101	31.5	101	32.2	101	32.5	100	32.6	93.3	29.9
	0.0	-0.7	109	31.7	109	32.3	107	32.3	104	31.1	100	29.8	93.3	27.4
	3.0	2.2	117	32.5	114	31.9	107	29.6	104	28.5	100	27.4	93.3	25.2
	5.0	4.1	121	32.4	114	30.2	107	28.1	104	27.0	100	26.0	93.3	23.9
	7.0	6.0	121	30.7	114	28.6	107	26.6	104	25.6	100	24.6	93.3	22.7
	9.0	7.9	121	29.0	114	27.1	107	25.2	104	24.3	100	23.4	93.3	21.6
	11.0	9.8	121	27.5	114	25.7	107	23.9	104	23.1	100	22.2	93.3	20.5
	13.0	11.8	121	26.0	114	24.3	107	22.7	104	21.9	100	21.1	93.3	19.5
	15.0	13.7	121	24.7	114	23.1	107	21.6	104	20.8	100	20.1	93.3	18.6
80% (760)	-19.8	-20.0	69.5	26.9	69.4	27.8	69.2	28.7	69.1	29.2	69.0	29.7	68.9	30.6
	-18.8	-19.0	71.0	27.2	70.8	28.1	70.6	29.0	70.5	29.5	70.5	29.9	70.3	30.8
	-16.7	-17.0	74.1	27.9	73.9	28.8	73.7	29.7	73.7	30.1	73.6	30.5	73.4	31.4
	-13.7	-15.0	77.4	28.6	77.3	29.4	77.1	30.3	77.0	30.7	76.9	31.1	76.8	31.9
	-11.8	-13.0	81.0	29.3	80.8	30.1	80.7	30.9	80.6	31.3	80.5	31.7	80.3	32.4
	-9.8	-11.0	84.9	30.0	84.7	30.7	84.5	31.4	84.4	31.8	84.3	32.2	83.0	32.2
	-9.5	-10.0	86.9	30.3	86.7	31.0	86.5	31.7	86.4	32.1	86.4	32.5	83.0	31.3
	-8.5	-9.1	88.7	30.6	88.6	31.3	88.4	32.0	88.3	32.3	88.2	32.7	83.0	30.5
	-7.0	-7.6	91.9	31.0	91.8	31.7	91.6	32.4	91.5	32.7	89.1	31.8	83.0	29.2
	-5.0	-5.6	96.4	31.6	96.3	32.3	95.2	32.4	92.1	31.2	89.1	29.9	83.0	27.5
	-3.0	-3.7	101	32.1	101	32.8	95.2	30.6	92.1	29.5	89.1	28.3	83.0	26.1
	0.0	-0.7	107	32.4	101	30.2	95.2	28.1	92.1	27.0	89.1	26.0	83.0	23.9
	3.0	2.2	107	29.8	101	27.8	95.2	25.8	92.1	24.9	89.1	23.9	83.0	22.1
	5.0	4.1	107	28.2	101	26.3	95.2	24.5	92.1	23.6	89.1	22.7	83.0	21.0
	7.0	6.0	107	26.7	101	24.9	95.2	23.2	92.1	22.4	89.1	21.6	83.0	19.9
	9.0	7.9	107	25.3	101	23.7	95.2	22.1	92.1	21.3	89.1	20.5	83.0	19.0
	11.0	9.8	107	24.0	101	22.5	95.2	21.0	92.1	20.2	89.1	19.5	83.0	18.1
	13.0	11.8	107	22.8	101	21.3	95.2	19.9	92.1	19.2	89.1	18.5	83.0	17.2
	15.0	13.7	107	21.7	101	20.3	95.2	19.0	92.1	18.3	89.1	17.7	83.0	16.4
70% (665)	-19.8	-20.0	69.2	28.9	69.0	29.7	68.9	30.5	68.8	30.9	68.7	31.3	68.6	32.1
	-18.8	-19.0	70.6	29.2	70.5	30.0	70.3	30.8	70.2	31.2	70.2	31.6	70.0	32.4
	-16.7	-17.0	73.7	29.8	73.6	30.6	73.4	31.3	73.3	31.7	73.3	32.1	72.6	32.5
	-13.7	-15.0	77.1	30.4	76.9	31.2	76.8	31.9	76.7	32.2	76.6	32.6	72.6	30.7
	-11.8	-13.0	80.6	31.0	80.5	31.7	80.4	32.4	80.3	32.7	77.9	31.6	72.6	29.1
	-9.8	-11.0	84.5	31.6	84.3	32.3	83.3	32.4	80.6	31.1	77.9	29.9	72.6	27.5
	-9.5	-10.0	86.5	31.9	86.3	32.5	83.3	31.4	80.6	30.2	77.9	29.0	72.6	26.7
	-8.5	-9.1	88.4	32.1	88.2	32.8	83.3	30.6	80.6	29.4	77.9	28.3	72.6	26.0
	-7.0	-7.6	91.6	32.5	88.7	31.6	83.3	29.3	80.6	28.2	77.9	27.1	72.6	25.0
	-5.0	-5.6	94.0	31.9	88.7	29.8	83.3	27.7	80.6	26.6	77.9	25.6	72.6	23.6
	-3.0	-3.7	94.0	30.2	88.7	28.2	83.3	26.2	80.6	25.2	77.9	24.3	72.6	22.4
	0.0	-0.7	94.0	27.6	88.7	25.8	83.3	24.0	80.6	23.2	77.9	22.3	72.6	20.6
	3.0	2.2	94.0	25.4	88.7	23.8	83.3	22.2	80.6	21.4	77.9	20.6	72.6	19.1
	5.0	4.1	94.0	24.1	88.7	22.6	83.3	21.1	80.6	20.3	77.9	19.6	72.6	18.1
	7.0	6.0	94.0	22.9	88.7	21.4	83.3	20.0	80.6	19.3	77.9	18.6	72.6	17.3
	9.0	7.9	94.0	21.8	88.7	20.4	83.3	19.1	80.6	18.4	77.9	17.7	72.6	16.5
	11.0	9.8	94.0	20.7	88.7	19.4	83.3	18.1	80.6	17.5	77.9	16.9	72.6	15.7
	13.0	11.8	94.0	19.6	88.7	18.4	83.3	17.3	80.6	16.7	77.9	16.1	72.6	15.0
	15.0	13.7	94.0	18.7	88.7	17.6	83.3	16.5	80.6	15.9	77.9	15.4	72.6	14.3
60% (570)	-19.8	-20.0	68.8	30.9	68.7	31.6	68.5	32.3	68.5	32.7	66.8	31.8	62.2	29.2
	-18.8	-19.0	70.2	31.2	70.1	31.9	70.0	32.5	69.1	32.3	66.8	31.0	62.2	28.5
	-16.7	-17.0	73.3	31.7	73.2	32.4	71.4	31.8	69.1	30.6	66.8	29.4	62.2	27.0
	-13.7	-15.0	76.7	32.2	76.0	32.5	71.4	30.1	69.1	29.0	66.8	27.8	62.2	25.6
	-11.8	-13.0	80.3	32.7	76.0	30.7	71.4	28.5	69.1	27.4	66.8	26.4	62.2	24.3
	-9.8	-11.0	80.6	31.1	76.0	29.0	71.4	26.9	69.1	25.9	66.8	24.9	62.2	23.0
	-9.5	-10.0	80.6	30.2	76.0	28.2	71.4	26.2	69.1	25.2	66.8	24.3	62.2	22.4
	-8.5	-9.1	80.6	29.4	76.0	27.5	71.4	25.5	69.1	24.6	66.8	23.7	62.2	21.8
	-7.0	-7.6	80.6	28.2	76.0	26.3	71.4	24.5	69.1	23.6	66.8	22.7	62.2	21.0
	-5.0	-5.6	80.6	26.6	76.0	24.9	71.4	23.2	69.1	22.3	66.8	21.5	62.2	19.9
	-3.0	-3.7	80.6	25.2	76.0	23.6	71.4	22.0	69.1	21.2	66.8	20.4	62.2	18.9
	0.0	-0.7	80.6	23.2	76.0	21.7	71.4	20.2	69.1	19.5	66.8	18.8	62.2	17.5
	3.0	2.2	80.6	21.4	76.0	20.0	71.4	18.7	69.1	18.1	66.8	17.5	62.2	16.2
	5.0	4.1	80.6	20.3	76.0	19.1	71.4	17.8	69.1	17.2	66.8	16.6	62.2	15.5
	7.0	6.0	80.6	19.3	76.0	18.1	71.4	17.0	69.1	16.4	66.8	15.9	62.2	14.7
	9.0	7.9	80.6	18.4	76.0	17.3	71.4	16.2	69.1	15.7	66.8	15.1	62.2	14.1
	11.0	9.8	80.6	17.5	76.0	16.5	71.4	15.5	69.1	15.0	66.8	14.5	62.2	13.5
	13.0	11.8	80.6	16.7	76.0	15.7	71.4	14.7	69.1	14.3	66.8	13.8	62.2	12.9
	15.0	13.7	80.6	15.9	76.0	15.0	71.4	14.1	69.1	13.6	66.8	13.2	62.2	12.3
50% (475)	-19.8	-20.0	67.1	32.0	63.3	29.8	59.5	27.7	57.6	26.7	55.7	25.6	51.9	23.6
	-18.8	-19.0	67.1	31.2	63.3	29.1	59.5	27.0	57.6	26.0	55.7	25.0	51.9	23.1
	-16.7	-17.0	67.1	29.6	63.3	27.6	59.5	25.7	57.6	24.7	55.7	23.8	51.9	21.9
	-13.7	-15.0	67.1	28.0	63.3	26.2	59.5	24.3	57.6	23.5	55.7	22.6	51.9	20.9
	-11.8	-13.0	67.1	26.5	63.3	24.8	59.5	23.1	57.6	22.2	55.7	21.4	51.9	19.8
	-9.8	-11.0	67.1	25.1	63.3	23.5	59.5	21.9	57.6	21.1	55.7	20.3	51.9	18.8
	-9.5	-10.0	67.1	24.4	63.3	22.8	59.5	21.3	57.6	20.5	55.7	19.8	51.9	18.3
	-8.5	-9.1	67.1	23.8	63.3	22.3	59.5	20.8	57.6	20.1	55.7	19.3	51.9	17.9
	-7.0	-7.6	67.1	22.8	63.3	21.4	59.5	20.0	57.6	19.3	55.7	18.6	51.9	17.2
	-5.0	-5.6	67.1	21.6	63.3	20.3	59.5	18.9	57.6	18.3	55.7	17.6	51.9	16.4
	-3.0	-3.7	67.1	20.5	63.3	19.3	59.5	18.0	57.6	17.4	55.7	16.8	51.9	15.6
	0.0	-0.7	67.1	18.9	63.3	17.8	59.5	16.7	57.6	16.1	55.7	15.6	51.9	14.5
	3.0	2.2	67.1	17.6	63.3	16.5	59.5	15.5	57.6	15.0	55.7	14.5	51.9	13.5
	5.0	4.1	67.1	16.7	63.3	15.7	59.5	14.8	57.6	14.3	55.7	13.8	51.9	12.9
	7.0	6.0	67.1	15.9	63.3	15.0	59.5	14.1	57.6	13.7	55.7	13.2	51.9	12.3
	9.0	7.9	67.1	15.2	63.3	14.3	59.5	13.5	57.6	13.1	55.7	12.6	51.9	11.8
	11.0	9.8	67.1	14.5	63.3	13.7	59.5	12.9	57.6	12.5	55.7	12.1	51.9	11.3
	13.0	11.8	67.1	13.9	63.3	13.1	59.5	12.3	57.6	11.9	55.7	11.6	51.9	10.8
	15.0	13.7	67.1	13.3	63.3	12.5	59.5	11.8	57.6	11.5	55.7	11.1	51.9	10.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ40PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1313)	-19.8	-20.0	77.6	19.5	77.3	21.1	77.0	22.7	76.8	23.5	76.7	24.2	76.4	25.8
	-18.8	-19.0	79.1	20.1	78.9	21.7	78.6	23.2	78.4	24.0	78.3	24.7	78.0	26.3
	-16.7	-17.0	82.5	21.3	82.2	22.8	81.9	24.2	81.8	25.0	81.6	25.7	81.4	27.2
	-13.7	-15.0	86.1	22.5	85.8	23.9	85.6	25.3	85.4	26.0	85.3	26.7	85.0	28.1
	-11.8	-13.0	90.0	23.6	89.7	24.9	89.5	26.3	89.3	26.9	89.2	27.6	88.9	28.9
	-9.8	-11.0	94.2	24.7	93.9	26.0	93.6	27.3	93.5	27.9	93.4	28.5	93.1	29.8
	-9.5	-10.0	96.4	25.2	96.1	26.5	95.8	27.7	95.7	28.4	95.5	29.0	95.3	30.2
	-8.5	-9.1	98.4	25.7	98.1	26.9	97.9	28.2	97.7	28.8	97.6	29.4	97.3	30.6
	-7.0	-7.6	101.9	26.5	101.6	27.7	101.4	28.8	101.2	29.4	101.1	30.0	100.8	31.2
	-5.0	-5.6	107	27.5	107	28.6	106	29.7	106	30.3	106	30.9	106	32.0
	-3.0	-3.7	112	28.4	111	29.5	111	30.5	111	31.1	111	31.6	111	32.7
	0.0	-0.7	120	29.8	120	30.8	119	31.7	119	32.2	119	32.7	119	33.7
	3.0	2.2	129	31.0	128	31.9	128	32.8	128	33.3	128	33.8	127	34.7
	5.0	4.1	135	31.7	134	32.6	134	33.5	134	33.9	134	34.4	133	35.3
	7.0	6.0	141	32.4	140	33.3	140	34.1	140	34.5	140	35.0	140	35.8
	9.0	7.9	147	33.1	147	33.9	147	34.7	146	35.1	146	35.5	142	34.6
	11.0	9.8	154	33.8	153	34.5	153	35.3	153	35.7	152	35.7	142	32.8
	13.0	11.8	161	34.4	161	35.1	160	35.9	157	35.1	152	33.7	142	31.0
	15.0	13.7	168	35.0	168	35.7	163	34.6	157	33.3	152	32.0	142	29.4
120% (1212)	-19.8	-20.0	77.2	21.7	76.9	23.1	76.6	24.5	76.5	25.3	76.4	26.0	76.1	27.4
	-18.8	-19.0	78.8	22.2	78.5	23.6	78.2	25.0	78.1	25.7	78.0	26.4	77.7	27.9
	-16.7	-17.0	82.1	23.3	81.8	24.6	81.6	26.0	81.4	26.7	81.3	27.3	81.1	28.7
	-13.7	-15.0	85.7	24.4	85.5	25.6	85.2	26.9	85.1	27.6	84.9	28.2	84.7	29.5
	-11.8	-13.0	89.6	25.4	89.4	26.6	89.1	27.9	89.0	28.5	88.9	29.1	88.6	30.3
	-9.8	-11.0	93.8	26.4	93.6	27.6	93.3	28.8	93.2	29.4	93.0	30.0	92.8	31.1
	-9.5	-10.0	96.0	26.9	95.7	28.1	95.5	29.2	95.4	29.8	95.2	30.4	95.0	31.5
	-8.5	-9.1	98.0	27.4	97.8	28.5	97.5	29.6	97.4	30.2	97.2	30.7	97.0	31.9
	-7.0	-7.6	101.5	28.1	101.3	29.2	101.0	30.3	100.9	30.8	100.8	31.3	100.5	32.4
	-5.0	-5.6	106	29.0	106	30.0	106	31.1	106	31.6	106	32.1	105	33.1
	-3.0	-3.7	111	29.9	111	30.8	111	31.8	111	32.3	111	32.8	110	33.8
	0.0	-0.7	120	31.1	119	32.0	119	32.9	119	33.4	119	33.8	119	34.8
	3.0	2.2	128	32.2	128	33.1	128	33.9	128	34.4	127	34.8	127	35.6
	5.0	4.1	134	32.9	134	33.7	134	34.5	133	35.0	133	35.4	131	35.2
	7.0	6.0	140	33.6	140	34.4	140	35.1	140	35.5	140	35.9	131	33.2
	9.0	7.9	147	34.2	146	34.9	146	35.7	145	35.7	140	34.3	131	31.5
	11.0	9.8	153	34.8	153	35.5	150	35.1	145	33.8	140	32.4	131	29.8
	13.0	11.8	161	35.4	160	35.8	150	33.2	145	31.9	140	30.6	131	28.2
	15.0	13.7	168	35.9	160	33.9	150	31.4	145	30.2	140	29.1	131	26.7
110% (1111)	-19.8	-20.0	76.8	23.8	76.5	25.1	76.3	26.4	76.2	27.1	76.1	27.7	75.8	29.1
	-18.8	-19.0	78.4	24.3	78.1	25.6	77.9	26.9	77.8	27.5	77.6	28.2	77.4	29.5
	-16.7	-17.0	81.7	25.3	81.5	26.5	81.2	27.7	81.1	28.4	81.0	29.0	80.8	30.2
	-13.7	-15.0	85.4	26.2	85.1	27.4	84.9	28.6	84.8	29.2	84.6	29.8	84.4	31.0
	-11.8	-13.0	89.3	27.2	89.0	28.3	88.8	29.5	88.7	30.0	88.5	30.6	88.3	31.7
	-9.8	-11.0	93.4	28.1	93.2	29.2	93.0	30.3	92.8	30.8	92.7	31.4	92.5	32.5
	-9.5	-10.0	95.6	28.6	95.4	29.7	95.1	30.7	95.0	31.2	94.9	31.8	94.7	32.8
	-8.5	-9.1	97.7	29.0	97.4	30.0	97.2	31.1	97.1	31.6	96.9	32.1	96.7	33.1
	-7.0	-7.6	101.2	29.7	100.9	30.7	100.7	31.7	100.6	32.2	100.4	32.7	100.2	33.6
	-5.0	-5.6	106	30.5	106	31.5	106	32.4	105	32.9	105	33.4	105	34.3
	-3.0	-3.7	111	31.3	111	32.2	111	33.1	110	33.5	110	34.0	110	34.9
	0.0	-0.7	119	32.4	119	33.3	119	34.1	119	34.5	119	35.0	118	35.8
	3.0	2.2	128	33.5	128	34.3	127	35.0	127	35.4	127	35.8	120	33.5
	5.0	4.1	134	34.1	134	34.9	133	35.6	133	35.9	129	34.5	120	31.7
	7.0	6.0	140	34.7	140	35.4	138	35.3	133	34.0	129	32.6	120	30.0
	9.0	7.9	146	35.3	146	36.0	138	33.4	133	32.1	129	30.9	120	28.4
	11.0	9.8	153	35.8	146	34.1	138	31.6	133	30.4	129	29.2	120	26.9
	13.0	11.8	155	34.6	146	32.2	138	29.9	133	28.8	129	27.7	120	25.5
	15.0	13.7	155	32.7	146	30.5	138	28.4	133	27.3	129	26.3	120	24.2
100% (1010)	-19.8	-20.0	76.4	25.9	76.2	27.1	76.0	28.3	75.9	28.9	75.7	29.5	75.5	30.7
	-18.8	-19.0	78.0	26.3	77.8	27.5	77.5	28.7	77.4	29.3	77.3	29.9	77.1	31.1
	-16.7	-17.0	81.3	27.2	81.1	28.4	80.9	29.5	80.8	30.1	80.7	30.6	80.5	31.8
	-13.7	-15.0	85.0	28.1	84.7	29.2	84.5	30.3	84.4	30.8	84.3	31.4	84.1	32.5
	-11.8	-13.0	88.9	29.0	88.7	30.0	88.4	31.1	88.3	31.6	88.2	32.1	88.0	33.1
	-9.8	-11.0	93.0	29.9	92.8	30.9	92.6	31.8	92.5	32.3	92.4	32.8	92.2	33.8
	-9.5	-10.0	95.2	30.3	95.0	31.2	94.8	32.2	94.7	32.7	94.6	33.2	94.4	34.1
	-8.5	-9.1	97.3	30.7	97.0	31.6	96.8	32.5	96.7	33.0	96.6	33.5	96.4	34.4
	-7.0	-7.6	100.8	31.3	100.6	32.2	100.3	33.1	100.2	33.5	100.1	34.0	99.9	34.9
	-5.0	-5.6	106	32.0	105	32.9	105	33.8	105	34.2	105	34.6	105	35.5
	-3.0	-3.7	111	32.7	110	33.6	110	34.4	110	34.8	110	35.2	109	35.6
	0.0	-0.7	119	33.8	119	34.5	118	35.3	118	35.7	117	35.5	109	32.5
	3.0	2.2	127	34.7	127	35.4	125	35.2	121	33.9	117	32.5	109	29.9
	5.0	4.1	133	35.3	133	35.9	125	33.3	121	32.0	117	30.8	109	28.3
	7.0	6.0	140	35.9	133	34.0	125	31.5	121	30.3	117	29.1	109	26.8
	9.0	7.9	141	34.5	133	32.1	125	29.8	121	28.7	117	27.6	109	25.4
	11.0	9.8	141	32.6	133	30.4	125	28.3	121	27.2	117	26.2	109	24.1
	13.0	11.8	141	30.8	133	28.8	125	26.7	121	25.8	117	24.8	109	22.9
	15.0	13.7	141	29.2	133	27.3	125	25.4	121	24.5	117	23.6	109	21.8

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (909)	-19.8	-20.0	76.0	28.0	75.8	29.1	75.6	30.2	75.5	30.7	75.4	31.3	75.2	32.3
	-18.8	-19.0	77.6	28.4	77.4	29.5	77.2	30.5	77.1	31.1	77.0	31.6	76.8	32.7
	-16.7	-17.0	81.0	29.2	80.8	30.2	80.6	31.3	80.5	31.8	80.4	32.3	80.2	33.3
	-13.7	-15.0	84.6	30.0	84.4	31.0	84.2	32.0	84.1	32.5	84.0	32.9	83.8	33.9
	-11.8	-13.0	88.5	30.8	88.3	31.8	88.1	32.7	88.0	33.1	87.9	33.6	87.7	34.5
	-9.8	-11.0	92.7	31.6	92.5	32.5	92.3	33.4	92.2	33.8	92.1	34.2	91.9	35.1
	-9.5	-10.0	94.9	32.0	94.7	32.8	94.5	33.7	94.4	34.1	94.3	34.6	94.1	35.4
	-8.5	-9.1	96.9	32.3	96.7	33.1	96.5	34.0	96.4	34.4	96.3	34.8	96.1	35.7
	-7.0	-7.6	100.4	32.8	100.2	33.7	100.0	34.5	99.9	34.9	99.8	35.3	98.0	35.2
	-5.0	-5.6	105	33.5	105	34.3	105	35.1	105	35.5	105	35.9	98.0	33.2
	-3.0	-3.7	110	34.2	110	34.9	110	35.7	109	35.6	105	34.2	98.0	31.3
	0.0	-0.7	118	35.1	118	35.8	113	33.8	109	32.5	105	31.2	98.0	28.7
	3.0	2.2	127	35.9	120	33.4	113	31.0	109	29.9	105	28.7	98.0	26.4
	5.0	4.1	127	33.9	120	31.6	113	29.4	109	28.3	105	27.2	98.0	25.0
	7.0	6.0	127	32.1	120	29.9	113	27.8	109	26.8	105	25.8	98.0	23.8
	9.0	7.9	127	30.4	120	28.3	113	26.4	109	25.4	105	24.5	98.0	22.6
	11.0	9.8	127	28.8	120	26.9	113	25.0	109	24.1	105	23.2	98.0	21.5
	13.0	11.8	127	27.2	120	25.5	113	23.7	109	22.9	105	22.0	98.0	20.4
	15.0	13.7	127	25.9	120	24.2	113	22.6	109	21.8	105	21.0	98.0	19.4
80% (808)	-19.8	-20.0	75.6	30.1	75.5	31.1	75.3	32.0	75.2	32.5	75.1	33.0	74.9	34.0
	-18.8	-19.0	77.2	30.5	77.0	31.4	76.9	32.4	76.8	32.8	76.7	33.3	76.5	34.3
	-16.7	-17.0	80.6	31.2	80.4	32.1	80.2	33.0	80.1	33.5	80.0	33.9	79.9	34.8
	-13.7	-15.0	84.2	31.9	84.0	32.8	83.8	33.7	83.8	34.1	83.7	34.5	83.5	35.4
	-11.8	-13.0	88.1	32.6	87.9	33.5	87.7	34.3	87.7	34.7	87.6	35.1	87.1	35.8
	-9.8	-11.0	92.3	33.3	92.1	34.1	91.9	34.9	91.8	35.3	91.7	35.7	87.1	33.7
	-9.5	-10.0	94.5	33.7	94.3	34.4	94.1	35.2	94.0	35.6	93.6	35.7	87.1	32.8
	-8.5	-9.1	96.5	33.9	96.3	34.7	96.1	35.4	96.1	35.8	93.6	34.8	87.1	31.9
	-7.0	-7.6	100.0	34.4	99.8	35.2	99.6	35.9	96.8	34.7	93.6	33.3	87.1	30.6
	-5.0	-5.6	105	35.1	105	35.7	100	34.0	96.8	32.7	93.6	31.4	87.1	28.8
	-3.0	-3.7	110	35.6	106	34.6	100	32.1	96.8	30.9	93.6	29.7	87.1	27.3
	0.0	-0.7	113	34.0	106	31.6	100	29.4	96.8	28.3	93.6	27.2	87.1	25.1
	3.0	2.2	113	31.2	106	29.1	100	27.0	96.8	26.0	93.6	25.0	87.1	23.1
	5.0	4.1	113	29.5	106	27.5	100	25.6	96.8	24.7	93.6	23.8	87.1	22.0
	7.0	6.0	113	27.9	106	26.1	100	24.3	96.8	23.4	93.6	22.6	87.1	20.9
	9.0	7.9	113	26.5	106	24.8	100	23.1	96.8	22.3	93.6	21.4	87.1	19.9
	11.0	9.8	113	25.1	106	23.5	100	21.9	96.8	21.2	93.6	20.4	87.1	18.9
	13.0	11.8	113	23.8	106	22.3	100	20.8	96.8	20.1	93.6	19.4	87.1	18.0
	15.0	13.7	113	22.6	106	21.2	100	19.8	96.8	19.2	93.6	18.5	87.1	17.2
70% (707)	-19.8	-20.0	75.2	32.2	75.1	33.1	74.9	33.9	74.9	34.3	74.8	34.8	74.6	35.6
	-18.8	-19.0	76.8	32.6	76.7	33.4	76.5	34.2	76.4	34.6	76.4	35.0	76.2	35.9
	-16.7	-17.0	80.2	33.2	80.0	34.0	79.9	34.8	79.8	35.2	79.7	35.6	76.3	34.0
	-13.7	-15.0	83.8	33.8	83.7	34.6	83.5	35.3	83.4	35.7	81.9	35.1	76.3	32.2
	-11.8	-13.0	87.7	34.4	87.6	35.2	87.4	35.9	84.7	34.5	81.9	33.1	76.3	30.4
	-9.8	-11.0	91.9	35.0	91.7	35.7	87.5	33.9	84.7	32.6	81.9	31.3	76.3	28.8
	-9.5	-10.0	94.1	35.3	93.1	35.5	87.5	32.9	84.7	31.7	81.9	30.4	76.3	28.0
	-8.5	-9.1	96.1	35.6	93.1	34.6	87.5	32.1	84.7	30.8	81.9	29.6	76.3	27.3
	-7.0	-7.6	98.7	35.5	93.1	33.1	87.5	30.7	84.7	29.5	81.9	28.4	76.3	26.1
	-5.0	-5.6	99	33.5	93.1	31.2	87.5	29.0	84.7	27.9	81.9	26.8	76.3	24.7
	-3.0	-3.7	99	31.6	93.1	29.5	87.5	27.4	84.7	26.4	81.9	25.4	76.3	23.4
	0.0	-0.7	99	29.0	93.1	27.0	87.5	25.2	84.7	24.3	81.9	23.4	76.3	21.6
	3.0	2.2	99	26.6	93.1	24.9	87.5	23.2	84.7	22.4	81.9	21.6	76.3	20.0
	5.0	4.1	99	25.3	93.1	23.6	87.5	22.0	84.7	21.3	81.9	20.5	76.3	19.0
	7.0	6.0	99	24.0	93.1	22.4	87.5	21.0	84.7	20.2	81.9	19.5	76.3	18.1
	9.0	7.9	99	22.8	93.1	21.3	87.5	19.9	84.7	19.3	81.9	18.6	76.3	17.2
	11.0	9.8	99	21.6	93.1	20.3	87.5	19.0	84.7	18.3	81.9	17.7	76.3	16.4
	13.0	11.8	99	20.5	93.1	19.3	87.5	18.1	84.7	17.4	81.9	16.9	76.3	15.7
	15.0	13.7	99	19.6	93.1	18.4	87.5	17.2	84.7	16.7	81.9	16.1	76.3	15.0
60% (606)	-19.8	-20.0	74.9	34.4	74.7	35.1	74.6	35.8	72.6	34.7	70.2	33.3	65.4	30.6
	-18.8	-19.0	76.4	34.6	76.3	35.3	75.0	35.2	72.6	33.8	70.2	32.5	65.4	29.8
	-16.7	-17.0	79.8	35.2	79.7	35.9	75.0	33.3	72.6	32.1	70.2	30.8	65.4	28.3
	-13.7	-15.0	83.4	35.7	79.8	34.0	75.0	31.6	72.6	30.4	70.2	29.2	65.4	26.8
	-11.8	-13.0	84.6	34.5	79.8	32.1	75.0	29.8	72.6	28.7	70.2	27.6	65.4	25.4
	-9.8	-11.0	84.6	32.6	79.8	30.4	75.0	28.2	72.6	27.2	70.2	26.1	65.4	24.1
	-9.5	-10.0	84.6	31.6	79.8	29.5	75.0	27.4	72.6	26.4	70.2	25.4	65.4	23.5
	-8.5	-9.1	84.6	30.8	79.8	28.8	75.0	26.8	72.6	25.8	70.2	24.8	65.4	22.9
	-7.0	-7.6	84.6	29.5	79.8	27.6	75.0	25.6	72.6	24.7	70.2	23.8	65.4	22.0
	-5.0	-5.6	84.6	27.9	79.8	26.0	75.0	24.3	72.6	23.4	70.2	22.5	65.4	20.8
	-3.0	-3.7	84.6	26.4	79.8	24.7	75.0	23.0	72.6	22.2	70.2	21.4	65.4	19.8
	0.0	-0.7	84.6	24.2	79.8	22.7	75.0	21.2	72.6	20.5	70.2	19.7	65.4	18.3
	3.0	2.2	84.6	22.4	79.8	21.0	75.0	19.6	72.6	18.9	70.2	18.3	65.4	17.0
	5.0	4.1	84.6	21.3	79.8	19.9	75.0	18.7	72.6	18.0	70.2	17.4	65.4	16.2
	7.0	6.0	84.6	20.2	79.8	19.0	75.0	17.8	72.6	17.2	70.2	16.6	65.4	15.4
	9.0	7.9	84.6	19.2	79.8	18.1	75.0	16.9	72.6	16.4	70.2	15.8	65.4	14.7
	11.0	9.8	84.6	18.3	79.8	17.2	75.0	16.2	72.6	15.6	70.2	15.1	65.4	14.1
	13.0	11.8	84.6	17.4	79.8	16.4	75.0	15.4	72.6	14.9	70.2	14.4	65.4	13.5
	15.0	13.7	84.6	16.7	79.8	15.7	75.0	14.7	72.6	14.3	70.2	13.8	65.4	12.9
50% (505)	-19.8	-20.0	70.5	33.5	66.5	31.2	62.5	29.0	60.5	27.9	58.5	26.8	54.5	24.7
	-18.8	-19.0	70.5	32.6	66.5	30.4	62.5	28.3	60.5	27.2	58.5	26.2	54.5	24.2
	-16.7	-17.0	70.5	31.0	66.5	28.9	62.5	26.9	60.5	25.9	58.5	24.9	54.5	23.0
	-13.7	-15.0	70.5	29.3	66.5	27.4	62.5	25.5	60.5	24.6	58.5	23.7	54.5	21.9
	-11.8	-13.0	70.5	27.8	66.5	26.0	62.5	24.2	60.5	23.3	58.5	22.4	54.5	20.8
	-9.8	-11.0	70.5	26.3	66.5	24.6	62.5	22.9	60.5	22.1	58.5	21.3	54.5	19.7
	-9.5	-10.0	70.5	25.6	66.5	23.9	62.5	22.3	60.5	21.5	58.5	20.7	54.5	19.2
	-8.5	-9.1	70.5	24.9	66.5	23.3	62.5	21.8	60.5	21.0	58.5	20.3	54.5	18.8
	-7.0	-7.6	70.5	23.9	66.5	22.4	62.5	20.9	60.5	20.2	58.5	19.5	54.5	18.1
	-5.0	-5.6	70.5	22.6	66.5	21.2	62.5	19.8	60.5	19.2	58.5	18.5	54.5	17.2
	-3.0	-3.7	70.5	21.5	66.5	20.2	62.5	18.9	60.5	18.2	58.5	17.6	54.5	16.3
	0.0	-0.7	70.5	19.8	66.5	18.6	62.5	17.4	60.5	16.9	58.5	16.3	54.5	15.2
	3.0	2.2	70.5	18.4	66.5	17.3	62.5	16.2	60.5	15.7	58.5	15.2	54.5	14.1
	5.0	4.1	70.5	17.5	66.5	16.5	62.5	15.5	60.5	15.0	58.5	14.5	54.5	13.5
	7.0	6.0	70.5	16.7	66.5	15.7	62.5	14.8	60.5	14.3	58.5	13.8	54.5	12.9
	9.0	7.9	70.5	15.9	66.5	15.0	62.5	14.1	60.5	13.7	58.5	13.2	54.5	12.4
	11.0	9.8	70.5	15.2	66.5	14.3	62.5	13.5	60.5	13.1	58.5	12.7	54.5	11.8
	13.0	11.8	70.5	14.5	66.5	13.7	62.5	12.9	60.5	12.5	58.5	12.1	54.5	11.3
	15.0	13.7	70.5	13.9	66.5	13.1	62.5	12.4	60.5	12.0	58.5	11.6	54.5	10.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ42PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	-19.8	-20.0	78.3	18.5	78.0	20.2	77.7	21.9	77.6	22.7	77.4	23.6	77.1	25.25
	-18.8	-19.0	79.9	19.1	79.6	20.8	79.3	22.4	79.1	23.3	79.0	24.1	78.7	25.74
	-16.7	-17.0	83.3	20.4	83.0	22.0	82.7	23.6	82.5	24.3	82.4	25.1	82.1	26.71
	-13.7	-15.0	86.9	21.6	86.6	23.1	86.3	24.7	86.2	25.4	86.0	26.2	85.7	27.7
	-11.8	-13.0	90.8	22.9	90.5	24.3	90.2	25.7	90.1	26.5	89.9	27.2	89.6	28.6
	-9.8	-11.0	95.0	24.0	94.7	25.4	94.4	26.8	94.3	27.5	94.1	28.2	93.8	29.5
	-9.5	-10.0	97.2	24.6	96.9	26.0	96.6	27.3	96.5	28.0	96.3	28.7	96.0	30.0
	-8.5	-9.1	99.3	25.1	99.0	26.5	98.7	27.8	98.5	28.4	98.4	29.1	98.1	30.4
	-7.0	-7.6	103	26.0	103	27.2	102	28.5	102	29.1	102	29.8	102	31.0
	-5.0	-5.6	108	27.1	107	28.3	107	29.5	107	30.1	107	30.7	107	31.9
	-3.0	-3.7	113	28.0	112	29.2	112	30.3	112	30.9	112	31.5	112	32.6
	0.0	-0.7	121	29.5	121	30.6	120	31.6	120	32.2	120	32.7	120	33.8
	3.0	2.2	130	30.8	129	31.8	129	32.8	129	33.3	129	33.8	129	34.8
	5.0	4.1	136	31.6	135	32.6	135	33.5	135	34.0	135	34.5	134	35.4
	7.0	6.0	142	32.4	142	33.3	141	34.2	141	34.7	141	35.1	141	36.0
	9.0	7.9	148	33.1	148	34.0	148	34.9	148	35.3	148	35.7	147	36.6
	11.0	9.8	155	33.8	155	34.6	155	35.5	154	35.9	154	36.3	149	35.3
	13.0	11.8	163	34.5	162	35.3	162	36.1	162	36.5	160	36.3	149	33.3
	15.0	13.7	170	35.1	169	35.9	169	36.6	165	35.8	160	34.4	149	31.6
120% (1260)	-19.8	-20.0	77.9	20.8	77.6	22.3	77.4	23.9	77.2	24.7	77.1	25.5	76.8	27.0
	-18.8	-19.0	79.5	21.4	79.2	22.9	78.9	24.4	78.8	25.2	78.7	25.9	78.4	27.5
	-16.7	-17.0	82.9	22.5	82.6	24.0	82.3	25.4	82.2	26.2	82.0	26.9	81.7	28.4
	-13.7	-15.0	86.5	23.7	86.2	25.1	85.9	26.5	85.8	27.2	85.7	27.9	85.4	29.3
	-11.8	-13.0	90.4	24.8	90.1	26.1	89.9	27.5	89.7	28.1	89.6	28.8	89.3	30.1
	-9.8	-11.0	94.6	25.9	94.3	27.2	94.1	28.4	93.9	29.1	93.8	29.7	93.5	31.0
	-9.5	-10.0	96.8	26.4	96.5	27.7	96.3	28.9	96.1	29.5	96.0	30.2	95.7	31.4
	-8.5	-9.1	98.9	26.9	98.6	28.1	98.3	29.3	98.2	29.9	98.0	30.5	97.8	31.8
	-7.0	-7.6	102	27.7	102	28.9	102	30.0	102	30.6	102	31.2	101	32.4
	-5.0	-5.6	107	28.7	107	29.8	107	30.9	107	31.5	107	32.0	106	33.1
	-3.0	-3.7	112	29.6	112	30.7	112	31.7	112	32.2	111	32.8	111	33.8
	0.0	-0.7	121	30.9	120	31.9	120	32.9	120	33.4	120	33.9	120	34.9
	3.0	2.2	129	32.2	129	33.1	129	34.0	129	34.5	128	34.9	128	35.8
	5.0	4.1	135	32.9	135	33.8	135	34.7	135	35.1	134	35.5	134	36.4
	7.0	6.0	142	33.6	141	34.5	141	35.3	141	35.7	141	36.1	138	35.8
	9.0	7.9	148	34.3	148	35.1	147	35.9	147	36.3	147	36.7	138	33.8
	11.0	9.8	155	34.9	154	35.7	154	36.5	153	36.3	148	34.9	138	32.0
	13.0	11.8	162	35.6	162	36.3	158	35.7	153	34.3	148	32.9	138	30.3
	15.0	13.7	169	36.1	168	36.4	158	33.8	153	32.5	148	31.2	138	28.8
110% (1155)	-19.8	-20.0	77.5	23.1	77.2	24.5	77.0	25.9	76.9	26.6	76.7	27.3	76.5	28.8
	-18.8	-19.0	79.1	23.6	78.8	25.0	78.6	26.4	78.4	27.1	78.3	27.8	78.1	29.2
	-16.7	-17.0	82.4	24.7	82.2	26.0	81.9	27.3	81.8	28.0	81.7	28.7	81.4	30.0
	-13.7	-15.0	86.1	25.7	85.8	27.0	85.6	28.3	85.5	28.9	85.3	29.5	85.1	30.8
	-11.8	-13.0	90.0	26.7	89.8	28.0	89.5	29.2	89.4	29.8	89.3	30.4	89.0	31.6
	-9.8	-11.0	94.2	27.8	94.0	28.9	93.7	30.1	93.6	30.7	93.5	31.2	93.2	32.4
	-9.5	-10.0	96.4	28.3	96.2	29.4	95.9	30.5	95.8	31.1	95.7	31.7	95.4	32.8
	-8.5	-9.1	98.5	28.7	98.2	29.8	98.0	30.9	97.8	31.5	97.7	32.0	97.4	33.1
	-7.0	-7.6	102	29.4	102	30.5	101	31.5	101	32.1	101	32.6	101	33.7
	-5.0	-5.6	107	30.3	107	31.3	106	32.4	106	32.9	106	33.4	106	34.4
	-3.0	-3.7	112	31.1	112	32.1	111	33.1	111	33.6	111	34.1	111	35.0
	0.0	-0.7	120	32.4	120	33.3	120	34.2	120	34.6	119	35.1	119	36.0
	3.0	2.2	129	33.5	129	34.3	128	35.2	128	35.6	128	36.0	126	36.0
	5.0	4.1	135	34.2	135	35.0	134	35.8	134	36.2	134	36.6	126	34.1
	7.0	6.0	141	34.8	141	35.6	141	36.4	140	36.6	135	35.1	126	32.2
	9.0	7.9	148	35.5	147	36.2	145	36.0	140	34.6	135	33.2	126	30.5
	11.0	9.8	154	36.0	154	36.7	145	34.0	140	32.7	135	31.5	126	29.0
	13.0	11.8	162	36.6	154	34.6	145	32.2	140	30.9	135	29.7	126	27.4
	15.0	13.7	163	35.2	154	32.8	145	30.5	140	29.4	135	28.2	126	26.0
100% (1050)	-19.8	-20.0	77.1	25.3	76.9	26.6	76.6	27.9	76.5	28.6	76.4	29.2	76.2	30.5
	-18.8	-19.0	78.7	25.8	78.4	27.1	78.2	28.4	78.1	29.0	78.0	29.6	77.8	30.9
	-16.7	-17.0	82.0	26.8	81.8	28.0	81.6	29.2	81.5	29.8	81.3	30.4	81.1	31.7
	-13.7	-15.0	85.7	27.8	85.5	28.9	85.2	30.1	85.1	30.7	85.0	31.2	84.8	32.4
	-11.8	-13.0	89.6	28.7	89.4	29.8	89.1	30.9	89.0	31.5	88.9	32.0	88.7	33.1
	-9.8	-11.0	93.8	29.6	93.6	30.7	93.3	31.7	93.2	32.3	93.1	32.8	92.9	33.8
	-9.5	-10.0	96.0	30.1	95.8	31.1	95.5	32.1	95.4	32.6	95.3	33.2	95.1	34.2
	-8.5	-9.1	98.1	30.5	97.8	31.5	97.6	32.5	97.5	33.0	97.4	33.5	97.1	34.5
	-7.0	-7.6	102	31.1	101	32.1	101	33.1	101	33.5	100.9	34.0	100.7	35.0
	-5.0	-5.6	107	31.9	106	32.9	106	33.8	106	34.3	106	34.7	106	35.6
	-3.0	-3.7	111	32.7	111	33.6	111	34.5	111	34.9	111	35.4	111	36.2
	0.0	-0.7	120	33.8	120	34.7	119	35.5	119	35.9	119	36.3	115	35.0
	3.0	2.2	128	34.8	128	35.6	128	36.4	127	36.5	123	35.0	115	32.2
	5.0	4.1	134	35.5	134	36.2	132	35.8	127	34.5	123	33.1	115	30.4
	7.0	6.0	141	36.1	140	36.5	132	33.9	127	32.6	123	31.3	115	28.8
	9.0	7.9	147	36.6	140	34.6	132	32.1	127	30.9	123	29.7	115	27.4
	11.0	9.8	148	35.1	140	32.7	132	30.4	127	29.3	123	28.2	115	26.0
	13.0	11.8	148	33.1	140	30.9	132	28.8	127	27.7	123	26.7	115	24.6
	15.0	13.7	148	31.4	140	29.4	132	27.3	127	26.3	123	25.3	115	23.4

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (945)	-19.8	-20.0	76.7	27.6	76.5	28.8	76.3	30.0	76.2	30.5	76.1	31.1	75.9	32.3
	-18.8	-19.0	78.3	28.1	78.1	29.2	77.9	30.3	77.7	30.9	77.6	31.5	77.4	32.6
	-16.7	-17.0	81.6	28.9	81.4	30.0	81.2	31.1	81.1	31.7	81.0	32.2	80.8	33.3
	-13.7	-15.0	85.3	29.8	85.1	30.8	84.9	31.9	84.8	32.4	84.7	32.9	84.4	34.0
	-11.8	-13.0	89.2	30.6	89.0	31.6	88.8	32.6	88.7	33.1	88.6	33.6	88.4	34.6
	-9.8	-11.0	93.4	31.5	93.2	32.4	93.0	33.4	92.9	33.8	92.8	34.3	92.6	35.3
	-9.5	-10.0	95.6	31.9	95.4	32.8	95.2	33.7	95.1	34.2	95.0	34.7	94.8	35.6
	-8.5	-9.1	97.6	32.2	97.4	33.1	97.2	34.1	97.1	34.5	97.0	35.0	96.8	35.9
	-7.0	-7.6	101	32.8	101	33.7	100.8	34.6	100.7	35.0	100.6	35.4	100.3	36.3
	-5.0	-5.6	106	33.6	106	34.4	106	35.2	106	35.7	106	36.1	103	35.7
	-3.0	-3.7	111	34.3	111	35.0	111	35.8	111	36.2	110	36.6	103	33.8
	0.0	-0.7	119	35.3	119	36.0	118	36.4	115	35.0	111	33.6	103	30.9
	3.0	2.2	128	36.2	126	36.0	118	33.4	115	32.1	111	30.9	103	28.4
	5.0	4.1	134	36.5	126	34.0	118	31.6	115	30.4	111	29.3	103	27.0
	7.0	6.0	134	34.5	126	32.2	118	29.9	115	28.8	111	27.7	103	25.6
	9.0	7.9	134	32.7	126	30.5	118	28.4	115	27.3	111	26.3	103	24.3
	11.0	9.8	134	31.0	126	28.9	118	26.9	115	26.0	111	25.0	103	23.1
	13.0	11.8	134	29.3	126	27.4	118	25.5	115	24.6	111	23.7	103	21.9
	15.0	13.7	134	27.8	126	26.0	118	24.3	115	23.4	111	22.6	103	20.9
80% (840)	-19.8	-20.0	76.3	29.9	76.1	30.9	75.9	32.0	75.8	32.5	75.7	33.0	75.5	34.0
	-18.8	-19.0	77.9	30.3	77.7	31.3	77.5	32.3	77.4	32.8	77.3	33.3	77.1	34.4
	-16.7	-17.0	81.2	31.1	81.0	32.0	80.9	33.0	80.8	33.5	80.7	34.0	80.5	35.0
	-13.7	-15.0	84.9	31.8	84.7	32.8	84.5	33.7	84.4	34.2	84.3	34.6	84.1	35.6
	-11.8	-13.0	88.8	32.6	88.6	33.5	88.4	34.4	88.3	34.8	88.2	35.3	88.1	36.1
	-9.8	-11.0	93.0	33.3	92.8	34.2	92.6	35.0	92.5	35.4	92.4	35.9	91.7	36.4
	-9.5	-10.0	95.2	33.7	95.0	34.5	94.8	35.3	94.7	35.8	94.6	36.2	91.7	35.3
	-8.5	-9.1	97.2	34.0	97.1	34.8	96.9	35.6	96.8	36.0	96.7	36.4	91.7	34.4
	-7.0	-7.6	100.8	34.5	100.6	35.3	100.4	36.1	100.3	36.5	98.4	35.8	91.7	32.9
	-5.0	-5.6	106	35.2	106	35.9	105	36.6	102	35.2	98.4	33.8	91.7	31.1
	-3.0	-3.7	111	35.8	110	36.5	105	34.6	102	33.2	98.4	31.9	91.7	29.4
	0.0	-0.7	119	36.6	112	34.1	105	31.6	102	30.5	98.4	29.3	91.7	27.0
	3.0	2.2	119	33.5	112	31.3	105	29.1	102	28.0	98.4	27.0	91.7	24.9
	5.0	4.1	119	31.7	112	29.6	105	27.6	102	26.6	98.4	25.6	91.7	23.6
	7.0	6.0	119	30.0	112	28.1	105	26.2	102	25.2	98.4	24.3	91.7	22.5
	9.0	7.9	119	28.5	112	26.6	105	24.8	102	23.9	98.4	23.1	91.7	21.4
	11.0	9.8	119	27.0	112	25.3	105	23.6	102	22.8	98.4	22.0	91.7	20.3
	13.0	11.8	119	25.6	112	24.0	105	22.4	102	21.6	98.4	20.9	91.7	19.3
	15.0	13.7	119	24.4	112	22.8	105	21.3	102	20.6	98.4	19.9	91.7	18.5
70% (735)	-19.8	-20.0	75.9	32.2	75.7	33.1	75.6	34.0	75.5	34.4	75.4	34.9	75.2	35.8
	-18.8	-19.0	77.5	32.5	77.3	33.4	77.1	34.3	77.1	34.7	77.0	35.2	76.8	36.1
	-16.7	-17.0	80.8	33.2	80.7	34.0	80.5	34.9	80.4	35.3	80.3	35.8	80.2	36.6
	-13.7	-15.0	84.5	33.9	84.3	34.7	84.1	35.5	84.1	35.9	84.0	36.3	80.2	34.7
	-11.8	-13.0	88.4	34.5	88.2	35.3	88.1	36.1	88.0	36.5	86.1	35.7	80.2	32.8
	-9.8	-11.0	92.6	35.2	92.4	35.9	92.1	36.5	89.1	35.1	86.1	33.7	80.2	31.0
	-9.5	-10.0	94.8	35.5	94.6	36.2	92.1	35.5	89.1	34.1	86.1	32.8	80.2	30.1
	-8.5	-9.1	96.8	35.8	96.7	36.5	92.1	34.6	89.1	33.2	86.1	31.9	80.2	29.4
	-7.0	-7.6	100.4	36.2	98.0	35.6	92.1	33.1	89.1	31.8	86.1	30.6	80.2	28.2
	-5.0	-5.6	104	36.0	98.0	33.6	92.1	31.2	89.1	30.0	86.1	28.9	80.2	26.6
	-3.0	-3.7	104	34.1	98.0	31.8	92.1	29.5	89.1	28.4	86.1	27.4	80.2	25.2
	0.0	-0.7	104	31.2	98.0	29.1	92.1	27.1	89.1	26.1	86.1	25.2	80.2	23.2
	3.0	2.2	104	28.7	98.0	26.8	92.1	25.0	89.1	24.1	86.1	23.2	80.2	21.5
	5.0	4.1	104	27.2	98.0	25.4	92.1	23.7	89.1	22.9	86.1	22.1	80.2	20.4
	7.0	6.0	104	25.8	98.0	24.2	92.1	22.6	89.1	21.8	86.1	21.0	80.2	19.5
	9.0	7.9	104	24.5	98.0	23.0	92.1	21.5	89.1	20.7	86.1	20.0	80.2	18.5
	11.0	9.8	104	23.3	98.0	21.8	92.1	20.4	89.1	19.7	86.1	19.0	80.2	17.7
	13.0	11.8	104	22.1	98.0	20.7	92.1	19.4	89.1	18.8	86.1	18.1	80.2	16.9
	15.0	13.7	104	21.1	98.0	19.8	92.1	18.5	89.1	17.9	86.1	17.3	80.2	16.1
60% (630)	-19.8	-20.0	75.5	34.5	75.3	35.2	75.2	36.0	75.1	36.4	73.8	35.9	68.8	32.9
	-18.8	-19.0	77.1	34.7	76.9	35.5	76.8	36.3	76.4	36.4	73.8	34.9	68.8	32.1
	-16.7	-17.0	80.4	35.3	80.3	36.1	78.9	35.9	76.4	34.5	73.8	33.2	68.8	30.5
	-13.7	-15.0	84.1	35.9	83.9	36.6	78.9	34.0	76.4	32.7	73.8	31.4	68.8	28.9
	-11.8	-13.0	88.0	36.5	84.0	34.6	78.9	32.2	76.4	30.9	73.8	29.7	68.8	27.4
	-9.8	-11.0	89.0	35.1	84.0	32.7	78.9	30.4	76.4	29.3	73.8	28.2	68.8	26.0
	-9.5	-10.0	89.0	34.1	84.0	31.8	78.9	29.6	76.4	28.5	73.8	27.4	68.8	25.3
	-8.5	-9.1	89.0	33.2	84.0	31.0	78.9	28.8	76.4	27.8	73.8	26.7	68.8	24.7
	-7.0	-7.6	89.0	31.8	84.0	29.7	78.9	27.6	76.4	26.6	73.8	25.6	68.8	23.7
	-5.0	-5.6	89.0	30.0	84.0	28.0	78.9	26.1	76.4	25.2	73.8	24.3	68.8	22.4
	-3.0	-3.7	89.0	28.4	84.0	26.6	78.9	24.8	76.4	23.9	73.8	23.0	68.8	21.3
	0.0	-0.7	89.0	26.1	84.0	24.4	78.9	22.8	76.4	22.0	73.8	21.2	68.8	19.7
	3.0	2.2	89.0	24.1	84.0	22.6	78.9	21.1	76.4	20.4	73.8	19.7	68.8	18.3
	5.0	4.1	89.0	22.9	84.0	21.5	78.9	20.1	76.4	19.4	73.8	18.7	68.8	17.4
	7.0	6.0	89.0	21.8	84.0	20.4	78.9	19.1	76.4	18.5	73.8	17.9	68.8	16.6
	9.0	7.9	89.0	20.7	84.0	19.5	78.9	18.2	76.4	17.6	73.8	17.0	68.8	15.9
	11.0	9.8	89.0	19.7	84.0	18.5	78.9	17.4	76.4	16.8	73.8	16.3	68.8	15.2
	13.0	11.8	89.0	18.8	84.0	17.7	78.9	16.6	76.4	16.0	73.8	15.5	68.8	14.5
	15.0	13.7	89.0	17.9	84.0	16.9	78.9	15.8	76.4	15.3	73.8	14.8	68.8	13.9
50% (525)	-19.8	-20.0	74.2	36.1	70.0	33.6	65.8	31.2	63.6	30.1	61.5	28.9	57.3	26.6
	-18.8	-19.0	74.2	35.2	70.0	32.8	65.8	30.5	63.6	29.3	61.5	28.2	57.3	26.0
	-16.7	-17.0	74.2	33.4	70.0	31.1	65.8	28.9	63.6	27.9	61.5	26.8	57.3	24.8
	-13.7	-15.0	74.2	31.6	70.0	29.5	65.8	27.5	63.6	26.5	61.5	25.5	57.3	23.5
	-11.8	-13.0	74.2	29.9	70.0	28.0	65.8	26.0	63.6	25.1	61.5	24.2	57.3	22.4
	-9.8	-11.0	74.2	28.3	70.0	26.5	65.8	24.7	63.6	23.8	61.5	22.9	57.3	21.2
	-9.5	-10.0	74.2	27.5	70.0	25.8	65.8	24.0	63.6	23.2	61.5	22.3	57.3	20.7
	-8.5	-9.1	74.2	26.9	70.0	25.1	65.8	23.5	63.6	22.6	61.5	21.8	57.3	20.2
	-7.0	-7.6	74.2	25.8	70.0	24.1	65.8	22.5	63.6	21.8	61.5	21.0	57.3	19.4
	-5.0	-5.6	74.2	24.4	70.0	22.9	65.8	21.4	63.6	20.6	61.5	19.9	57.3	18.5
	-3.0	-3.7	74.2	23.2	70.0	21.7	65.8	20.3	63.6	19.6	61.5	18.9	57.3	17.6
	0.0	-0.7	74.2	21.4	70.0	20.1	65.8	18.8	63.6	18.2	61.5	17.5	57.3	16.3
	3.0	2.2	74.2	19.8	70.0	18.6	65.8	17.4	63.6	16.9	61.5	16.3	57.3	15.2
	5.0	4.1	74.2	18.8	70.0	17.7	65.8	16.6	63.6	16.1	61.5	15.6	57.3	14.5
	7.0	6.0	74.2	17.9	70.0	16.9	65.8	15.9	63.6	15.4	61.5	14.9	57.3	13.9
	9.0	7.9	74.2	17.1	70.0	16.1	65.8	15.2	63.6	14.7	61.5	14.2	57.3	13.3
	11.0	9.8	74.2	16.3	70.0	15.4	65.8	14.5	63.6	14.1	61.5	13.6	57.3	12.7
	13.0	11.8	74.2	15.6	70.0	14.7	65.8	13.9	63.6	13.4	61.5	13.0	57.3	12.2
	15.0	13.7	74.2	14.9	70.0	14.1	65.8	13.3	63.6	12.9	61.5	12.5	57.3	11.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ44PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	-19.8	-20.0	79.1	17.4	78.8	19.2	78.4	21.0	78.3	21.9	78.1	22.8	77.8	24.6
	-18.8	-19.0	80.7	18.1	80.3	19.8	80.0	21.6	79.9	22.5	79.7	23.4	79.4	25.2
	-16.7	-17.0	84.0	19.4	83.7	21.1	83.4	22.8	83.2	23.6	83.1	24.5	82.8	26.2
	-13.7	-15.0	87.7	20.7	87.4	22.4	87.1	24.0	86.9	24.8	86.7	25.6	86.4	27.2
	-11.8	-13.0	91.6	22.1	91.3	23.6	91.0	25.1	90.8	25.9	90.7	26.7	90.4	28.2
	-9.8	-11.0	95.9	23.3	95.5	24.8	95.2	26.3	95.1	27.0	94.9	27.7	94.6	29.2
	-9.5	-10.0	98	23.9	98	25.4	97	26.8	97	27.5	97.1	28.3	96.8	29.7
	-8.5	-9.1	100	24.5	100	25.9	99	27.3	99	28.0	99	28.7	99	30.1
	-7.0	-7.6	104	25.4	103	26.8	103	28.1	103	28.8	103	29.5	102	30.8
	-5.0	-5.6	109	26.6	108	27.8	108	29.1	108	29.8	108	30.4	107	31.7
	-3.0	-3.7	114	27.6	113	28.8	113	30.1	113	30.7	113	31.3	112	32.5
	0.0	-0.7	122	29.2	122	30.3	121	31.5	121	32.0	121	32.6	121	33.8
	3.0	2.2	131	30.6	131	31.7	130	32.7	130	33.3	130	33.8	130	34.8
	5.0	4.1	137	31.5	137	32.5	136	33.5	136	34.0	136	34.5	136	35.5
	7.0	6.0	143	32.3	143	33.3	143	34.2	142	34.7	142	35.2	142	36.2
	9.0	7.9	150	33.1	149	34.0	149	34.9	149	35.4	149	35.8	148	36.8
	11.0	9.8	157	33.8	156	34.7	156	35.6	156	36.0	156	36.5	155	37.3
	13.0	11.8	164	34.5	164	35.4	163	36.2	163	36.6	163	37.1	156	35.6
	15.0	13.7	171	35.2	171	36.0	171	36.8	171	37.2	168	36.8	156	33.8
120% (1320)	-19.8	-20.0	78.6	19.8	78.4	21.5	78.1	23.2	77.9	24.0	77.8	24.8	77.5	26.5
	-18.8	-19.0	80.2	20.5	79.9	22.1	79.6	23.7	79.5	24.5	79.4	25.4	79.1	27.0
	-16.7	-17.0	83.6	21.7	83.3	23.3	83.0	24.8	82.9	25.6	82.7	26.4	82.4	28.0
	-13.7	-15.0	87.3	22.9	87.0	24.4	86.7	25.9	86.5	26.7	86.4	27.4	86.1	28.9
	-11.8	-13.0	91.2	24.1	90.9	25.6	90.6	27.0	90.5	27.7	90.3	28.4	90.0	29.8
	-9.8	-11.0	95.4	25.3	95.1	26.7	94.8	28.0	94.7	28.7	94.6	29.4	94.3	30.8
	-9.5	-10.0	98	25.9	97	27.2	97.1	28.5	96.9	29.2	96.8	29.9	96.5	31.2
	-8.5	-9.1	100	26.4	99	27.7	99	29.0	99	29.6	99	30.3	99	31.6
	-7.0	-7.6	103	27.2	103	28.5	103	29.7	103	30.4	102	31.0	102	32.2
	-5.0	-5.6	108	28.3	108	29.5	108	30.7	108	31.3	107	31.9	107	33.1
	-3.0	-3.7	113	29.3	113	30.4	113	31.5	113	32.1	112	32.7	112	33.8
	0.0	-0.7	122	30.7	121	31.8	121	32.8	121	33.4	121	33.9	120	34.9
	3.0	2.2	130	32.0	130	33.0	130	34.0	130	34.5	130	35.0	129	36.0
	5.0	4.1	136	32.8	136	33.8	136	34.7	136	35.2	136	35.6	135	36.6
	7.0	6.0	143	33.6	142	34.5	142	35.4	142	35.8	142	36.3	142	37.2
	9.0	7.9	149	34.3	149	35.2	149	36.0	149	36.4	148	36.9	144	36.2
	11.0	9.8	156	35.0	156	35.8	156	36.6	155	37.0	155	37.3	144	34.3
	13.0	11.8	164	35.7	163	36.5	163	37.2	160	36.7	155	35.3	144	32.4
	15.0	13.7	171	36.3	171	37.0	166	36.2	160	34.8	155	33.4	144	30.8
110% (1210)	-19.8	-20.0	78.2	22.3	78.0	23.8	77.7	25.3	77.6	26.1	77.4	26.9	77.2	28.4
	-18.8	-19.0	79.8	22.9	79.5	24.4	79.3	25.8	79.1	26.6	79.0	27.3	78.7	28.8
	-16.7	-17.0	83.2	24.0	82.9	25.4	82.6	26.9	82.5	27.6	82.4	28.3	82.1	29.7
	-13.7	-15.0	86.8	25.1	86.6	26.5	86.3	27.9	86.2	28.5	86.0	29.2	85.8	30.6
	-11.8	-13.0	90.8	26.2	90.5	27.5	90.2	28.8	90.1	29.5	90.0	30.1	89.7	31.5
	-9.8	-11.0	95.0	27.3	94.7	28.6	94.5	29.8	94.3	30.4	94.2	31.0	93.9	32.3
	-9.5	-10.0	97.2	27.8	97.0	29.0	96.7	30.3	96.6	30.9	96.4	31.5	96.2	32.7
	-8.5	-9.1	99	28.3	99	29.5	99	30.7	99	31.3	98	31.9	98	33.1
	-7.0	-7.6	103	29.1	103	30.2	102	31.4	102	31.9	102	32.5	102	33.7
	-5.0	-5.6	108	30.0	108	31.1	107	32.2	107	32.8	107	33.3	107	34.4
	-3.0	-3.7	113	30.9	113	32.0	112	33.0	112	33.5	112	34.1	112	35.1
	0.0	-0.7	121	32.3	121	33.2	121	34.2	121	34.7	120	35.2	120	36.1
	3.0	2.2	130	33.5	130	34.4	129	35.3	129	35.7	129	36.2	129	37.1
	5.0	4.1	136	34.2	136	35.1	135	35.9	135	36.3	135	36.8	132	36.5
	7.0	6.0	142	34.9	142	35.7	142	36.5	142	36.9	142	37.4	132	34.5
	9.0	7.9	149	35.6	149	36.3	148	37.1	147	37.0	142	35.6	132	32.7
	11.0	9.8	156	36.2	155	36.9	152	36.4	147	35.0	142	33.7	132	31.0
	13.0	11.8	163	36.8	162	37.1	152	34.4	147	33.1	142	31.8	132	29.3
	15.0	13.7	170	37.4	162	35.1	152	32.6	147	31.4	142	30.2	132	27.9
100% (1100)	-19.8	-20.0	77.8	24.7	77.6	26.1	77.3	27.5	77.2	28.2	77.1	28.9	76.8	30.3
	-18.8	-19.0	79.4	25.2	79.1	26.6	78.9	28.0	78.8	28.6	78.6	29.3	78.4	30.7
	-16.7	-17.0	82.8	26.3	82.5	27.6	82.3	28.9	82.1	29.5	82.0	30.2	81.8	31.5
	-13.7	-15.0	86.4	27.3	86.2	28.5	85.9	29.8	85.8	30.4	85.7	31.0	85.4	32.3
	-11.8	-13.0	90.4	28.3	90.1	29.5	89.9	30.7	89.7	31.3	89.6	31.9	89.4	33.1
	-9.8	-11.0	94.6	29.3	94.3	30.4	94.1	31.6	94.0	32.1	93.8	32.7	93.6	33.8
	-9.5	-10.0	96.8	29.8	96.5	30.9	96.3	32.0	96.2	32.5	96.1	33.1	95.8	34.2
	-8.5	-9.1	99	30.2	99	31.3	98	32.4	98	32.9	98	33.4	98	34.5
	-7.0	-7.6	102	30.9	102	31.9	102	33.0	102	33.5	102	34.0	101	35.1
	-5.0	-5.6	107	31.8	107	32.8	107	33.8	107	34.3	107	34.8	106	35.8
	-3.0	-3.7	112	32.6	112	33.5	112	34.5	112	35.0	112	35.4	111	36.4
	0.0	-0.7	121	33.8	121	34.7	120	35.6	120	36.0	120	36.5	120	37.3
	3.0	2.2	130	34.9	129	35.7	129	36.5	129	36.9	129	37.4	120	34.5
	5.0	4.1	136	35.6	135	36.4	135	37.1	134	36.9	129	35.5	120	32.6
	7.0	6.0	142	36.2	142	37.0	138	36.3	134	34.9	129	33.6	120	30.9
	9.0	7.9	148	36.8	147	37.0	138	34.4	134	33.1	129	31.8	120	29.3
	11.0	9.8	155	37.4	147	35.0	138	32.5	134	31.3	129	30.1	120	27.8
	13.0	11.8	156	35.5	147	33.1	138	30.8	134	29.7	129	28.5	120	26.3
	15.0	13.7	156	33.6	147	31.4	138	29.2	134	28.2	129	27.1	120	25.1

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (990)	-19.8	-20.0	77.4	27.2	77.1	28.4	76.9	29.7	76.8	30.3	76.7	30.9	76.5	32.2
	-18.8	-19.0	78.9	27.6	78.7	28.9	78.5	30.1	78.4	30.7	78.3	31.3	78.1	32.5
	-16.7	-17.0	82.3	28.6	82.1	29.7	81.9	30.9	81.8	31.5	81.7	32.1	81.5	33.3
	-13.7	-15.0	86.0	29.5	85.8	30.6	85.5	31.7	85.4	32.3	85.3	32.8	85.1	34.0
	-11.8	-13.0	89.9	30.4	89.7	31.5	89.5	32.5	89.4	33.1	89.3	33.6	89.1	34.7
	-9.8	-11.0	94.1	31.3	93.9	32.3	93.7	33.3	93.6	33.8	93.5	34.3	93.3	35.4
	-9.5	-10.0	96.4	31.7	96.1	32.7	95.9	33.7	95.8	34.2	95.7	34.7	95.5	35.7
	-8.5	-9.1	98	32.1	98	33.1	98	34.0	98	34.5	98	35.0	98	36.0
	-7.0	-7.6	102	32.7	102	33.7	102	34.6	101	35.1	101	35.5	101	36.5
	-5.0	-5.6	107	33.5	107	34.4	107	35.3	106	35.8	106	36.2	106	37.1
	-3.0	-3.7	112	34.3	112	35.1	112	36.0	111	36.4	111	36.8	108	36.2
	0.0	-0.7	120	35.4	120	36.1	120	36.9	120	37.3	116	36.0	108	33.1
	3.0	2.2	129	36.3	129	37.1	124	35.8	120	34.4	116	33.1	108	30.5
	5.0	4.1	135	36.9	132	36.5	124	33.9	120	32.6	116	31.3	108	28.9
	7.0	6.0	140	37.0	132	34.5	124	32.1	120	30.9	116	29.7	108	27.4
	9.0	7.9	140	35.0	132	32.7	124	30.4	120	29.3	116	28.2	108	26.0
	11.0	9.8	140	33.1	132	31.0	124	28.8	120	27.8	116	26.7	108	24.7
	13.0	11.8	140	31.3	132	29.3	124	27.3	120	26.3	116	25.4	108	23.5
	15.0	13.7	140	29.8	132	27.8	124	26.0	120	25.0	116	24.1	108	22.4
80% (880)	-19.8	-20.0	76.9	29.6	76.7	30.7	76.6	31.8	76.5	32.4	76.4	32.9	76.2	34.1
	-18.8	-19.0	78.5	30.0	78.3	31.1	78.1	32.2	78.0	32.7	77.9	33.3	77.7	34.4
	-16.7	-17.0	81.9	30.9	81.7	31.9	81.5	32.9	81.4	33.5	81.3	34.0	81.1	35.0
	-13.7	-15.0	85.6	31.7	85.4	32.7	85.2	33.7	85.1	34.2	85.0	34.7	84.8	35.7
	-11.8	-13.0	89.5	32.5	89.3	33.4	89.1	34.4	89.0	34.9	88.9	35.3	88.7	36.3
	-9.8	-11.0	93.7	33.3	93.5	34.2	93.3	35.1	93.2	35.5	93.1	36.0	92.9	36.9
	-9.5	-10.0	95.9	33.7	95.7	34.5	95.6	35.4	95.5	35.9	95.4	36.3	95.2	37.2
	-8.5	-9.1	98	34.0	98	34.9	98	35.7	98	36.2	97	36.6	96.2	36.9
	-7.0	-7.6	102	34.6	101	35.4	101	36.2	101	36.6	101	37.1	96.2	35.3
	-5.0	-5.6	107	35.3	106	36.1	106	36.9	106	37.3	103	36.2	96.2	33.3
	-3.0	-3.7	112	35.9	111	36.7	110	37.0	107	35.6	103	34.2	96.2	31.5
	0.0	-0.7	120	36.9	117	36.5	110	33.9	107	32.6	103	31.4	96.2	28.9
	3.0	2.2	125	35.9	117	33.5	110	31.2	107	30.0	103	28.9	96.2	26.7
	5.0	4.1	125	34.0	117	31.7	110	29.5	107	28.5	103	27.4	96.2	25.3
	7.0	6.0	125	32.2	117	30.1	110	28.0	107	27.0	103	26.0	96.2	24.0
	9.0	7.9	125	30.5	117	28.5	110	26.6	107	25.6	103	24.7	96.2	22.9
	11.0	9.8	125	28.9	117	27.1	110	25.3	107	24.4	103	23.5	96.2	21.8
	13.0	11.8	125	27.4	117	25.7	110	24.0	107	23.1	103	22.3	96.2	20.7
	15.0	13.7	125	26.1	117	24.4	110	22.8	107	22.0	103	21.3	96.2	19.7
70% (770)	-19.8	-20.0	76.5	32.0	76.3	33.0	76.2	34.0	76.1	34.5	76.0	35.0	75.8	35.9
	-18.8	-19.0	78.1	32.4	77.9	33.4	77.8	34.3	77.7	34.8	77.6	35.3	77.4	36.2
	-16.7	-17.0	81.5	33.1	81.3	34.1	81.1	35.0	81.0	35.4	81.0	35.9	80.8	36.8
	-13.7	-15.0	85.1	33.9	85.0	34.7	84.8	35.6	84.7	36.0	84.6	36.5	84.2	37.2
	-11.8	-13.0	89.1	34.6	88.9	35.4	88.7	36.2	88.6	36.6	88.6	37.1	84.2	35.1
	-9.8	-11.0	93.3	35.3	93.1	36.1	93.0	36.8	92.9	37.2	90.4	36.1	84.2	33.2
	-9.5	-10.0	95.5	35.6	95.3	36.4	95.2	37.1	93.5	36.6	90.4	35.1	84.2	32.3
	-8.5	-9.1	98	35.9	97	36.7	96.6	37.0	93.5	35.6	90.4	34.2	84.2	31.5
	-7.0	-7.6	101	36.4	101	37.1	96.6	35.4	93.5	34.1	90.4	32.8	84.2	30.2
	-5.0	-5.6	106	37.0	103	36.0	96.6	33.4	93.5	32.2	90.4	30.9	84.2	28.5
	-3.0	-3.7	109	36.5	103	34.0	96.6	31.6	93.5	30.5	90.4	29.3	84.2	27.0
	0.0	-0.7	109	33.4	103	31.2	96.6	29.0	93.5	28.0	90.4	26.9	84.2	24.9
	3.0	2.2	109	30.7	103	28.7	96.6	26.8	93.5	25.8	90.4	24.9	84.2	23.0
	5.0	4.1	109	29.1	103	27.2	96.6	25.4	93.5	24.5	90.4	23.6	84.2	21.9
	7.0	6.0	109	27.6	103	25.9	96.6	24.1	93.5	23.3	90.4	22.5	84.2	20.8
	9.0	7.9	109	26.2	103	24.6	96.6	23.0	93.5	22.2	90.4	21.4	84.2	19.9
	11.0	9.8	109	24.9	103	23.4	96.6	21.9	93.5	21.1	90.4	20.4	84.2	18.9
	13.0	11.8	109	23.6	103	22.2	96.6	20.8	93.5	20.1	90.4	19.4	84.2	18.0
	15.0	13.7	109	22.5	103	21.2	96.6	19.8	93.5	19.2	90.4	18.5	84.2	17.2
60% (660)	-19.8	-20.0	76.1	34.5	75.9	35.3	75.8	36.2	75.7	36.6	75.7	37.0	72.2	35.3
	-18.8	-19.0	77.7	34.8	77.5	35.6	77.4	36.4	77.3	36.8	77.2	37.3	72.2	34.4
	-16.7	-17.0	81.0	35.4	80.9	36.2	80.8	37.0	80.1	37.0	77.5	35.5	72.2	32.7
	-13.7	-15.0	84.7	36.0	84.6	36.8	82.8	36.4	80.1	35.0	77.5	33.7	72.2	31.0
	-11.8	-13.0	88.6	36.7	88.1	37.1	82.8	34.5	80.1	33.2	77.5	31.9	72.2	29.4
	-9.8	-11.0	92.9	37.3	88.1	35.1	82.8	32.6	80.1	31.4	77.5	30.2	72.2	27.8
	-9.5	-10.0	93.4	36.5	88.1	34.1	82.8	31.7	80.1	30.5	77.5	29.3	72.2	27.1
	-8.5	-9.1	93.4	35.6	88.1	33.2	82.8	30.9	80.1	29.7	77.5	28.6	72.2	26.4
	-7.0	-7.6	93.4	34.1	88.1	31.8	82.8	29.6	80.1	28.5	77.5	27.5	72.2	25.4
	-5.0	-5.6	93.4	32.2	88.1	30.1	82.8	28.0	80.1	27.0	77.5	26.0	72.2	24.0
	-3.0	-3.7	93.4	30.5	88.1	28.5	82.8	26.6	80.1	25.6	77.5	24.7	72.2	22.8
	0.0	-0.7	93.4	28.0	88.1	26.2	82.8	24.5	80.1	23.6	77.5	22.8	72.2	21.1
	3.0	2.2	93.4	25.8	88.1	24.2	82.8	22.6	80.1	21.8	77.5	21.1	72.2	19.6
	5.0	4.1	93.4	24.5	88.1	23.0	82.8	21.5	80.1	20.8	77.5	20.1	72.2	18.6
	7.0	6.0	93.4	23.3	88.1	21.9	82.8	20.5	80.1	19.8	77.5	19.1	72.2	17.8
	9.0	7.9	93.4	22.2	88.1	20.8	82.8	19.5	80.1	18.9	77.5	18.2	72.2	17.0
	11.0	9.8	93.4	21.1	88.1	19.9	82.8	18.6	80.1	18.0	77.5	17.4	72.2	16.2
	13.0	11.8	93.4	20.1	88.1	18.9	82.8	17.7	80.1	17.2	77.5	16.6	72.2	15.5
	15.0	13.7	93.4	19.2	88.1	18.1	82.8	17.0	80.1	16.4	77.5	15.9	72.2	14.8
50% (550)	-19.8	-20.0	75.7	36.9	73.4	36.0	69.0	33.4	66.8	32.2	64.6	31.0	60.1	28.5
	-18.8	-19.0	77.2	37.2	73.4	35.1	69.0	32.6	66.8	31.4	64.6	30.2	60.1	27.9
	-16.7	-17.0	77.9	35.7	73.4	33.3	69.0	31.0	66.8	29.9	64.6	28.7	60.1	26.5
	-13.7	-15.0	77.9	33.9	73.4	31.6	69.0	29.4	66.8	28.4	64.6	27.3	60.1	25.2
	-11.8	-13.0	77.9	32.1	73.4	30.0	69.0	27.9	66.8	26.9	64.6	25.9	60.1	24.0
	-9.8	-11.0	77.9	30.3	73.4	28.4	69.0	26.5	66.8	25.5	64.6	24.6	60.1	22.8
	-9.5	-10.0	77.9	29.5	73.4	27.6	69.0	25.8	66.8	24.8	64.6	23.9	60.1	22.2
	-8.5	-9.1	77.9	28.8	73.4	26.9	69.0	25.1	66.8	24.3	64.6	23.4	60.1	21.7
	-7.0	-7.6	77.9	27.6	73.4	25.9	69.0	24.2	66.8	23.3	64.6	22.5	60.1	20.8
	-5.0	-5.6	77.9	26.1	73.4	24.5	69.0	22.9	66.8	22.1	64.6	21.3	60.1	19.8
	-3.0	-3.7	77.9	24.8	73.4	23.3	69.0	21.8	66.8	21.0	64.6	20.3	60.1	18.9
	0.0	-0.7	77.9	22.9	73.4	21.5	69.0	20.1	66.8	19.5	64.6	18.8	60.1	17.5
	3.0	2.2	77.9	21.2	73.4	19.9	69.0	18.7	66.8	18.1	64.6	17.5	60.1	16.3
	5.0	4.1	77.9	20.2	73.4	19.0	69.0	17.8	66.8	17.2	64.6	16.7	60.1	15.6
	7.0	6.0	77.9	19.2	73.4	18.1	69.0	17.0	66.8	16.5	64.6	15.9	60.1	14.9
	9.0	7.9	77.9	18.3	73.4	17.3	69.0	16.2	66.8	15.7	64.6	15.2	60.1	14.2
	11.0	9.8	77.9	17.5	73.4	16.5	69.0	15.5	66.8	15.1	64.6	14.6	60.1	13.6
	13.0	11.8	77.9	16.7	73.4	15.8	69.0	14.8	66.8	14.4	64.6	13.9	60.1	13.1
	15.0	13.7	77.9	16.0	73.4	15.1	69.0	14.2	66.8	13.8	64.6	13.4	60.1	12.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ46PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1508)	-19.8	-20.0	83.3	18.9	82.9	20.8	82.6	22.8	82.4	23.7	82.3	24.7	81.9	26.6
	-18.8	-19.0	84.7	19.6	84.4	21.4	84.1	23.3	83.9	24.3	83.7	25.2	83.4	27.1
	-16.7	-17.0	88.0	20.9	87.6	22.7	87.3	24.5	87.1	25.4	87.0	26.3	86.6	28.1
	-13.7	-15.0	91.6	22.2	91.2	23.9	90.9	25.7	90.7	26.5	90.6	27.4	90.2	29.1
	-11.8	-13.0	95.5	23.6	95.2	25.2	94.9	26.9	94.7	27.7	94.5	28.5	94.2	30.2
	-9.8	-11.0	100	24.9	100	26.5	99	28.1	99	28.9	99	29.7	99	31.2
	-9.5	-10.0	102	25.6	102	27.1	102	28.7	101	29.4	101	30.2	101	31.8
	-8.5	-9.1	104	26.2	104	27.7	104	29.2	104	30.0	103	30.7	103	32.2
	-7.0	-7.6	108	27.2	108	28.6	107	30.1	107	30.8	107	31.5	107	33.0
	-5.0	-5.6	113	28.4	113	29.8	113	31.2	113	31.9	112	32.6	112	34.0
	-3.0	-3.7	119	29.6	119	30.9	118	32.2	118	32.9	118	33.6	118	34.9
	0.0	-0.7	128	31.4	128	32.6	128	33.8	127	34.4	127	35.0	127	36.2
	3.0	2.2	138	33.0	138	34.1	137	35.2	137	35.8	137	36.4	137	37.5
	5.0	4.1	145	33.9	144	35.0	144	36.1	144	36.6	144	37.2	143	38.2
	7.0	6.0	152	34.9	152	35.9	151	36.9	151	37.4	151	37.9	151	39.0
	9.0	7.9	159	35.8	159	36.7	159	37.7	159	38.2	158	38.7	158	39.6
	11.0	9.8	167	36.6	167	37.5	167	38.4	166	38.9	166	39.4	164	39.5
	13.0	11.8	176	37.4	175	38.3	175	39.2	175	39.6	175	40.1	164	37.1
	15.0	13.7	184	38.2	184	39.0	184	39.8	182	39.7	176	38.1	164	35.1
120% (1392)	-19.8	-20.0	82.8	21.5	82.5	23.3	82.2	25.1	82.1	26.0	81.9	26.8	81.6	28.6
	-18.8	-19.0	84.3	22.1	84.0	23.8	83.7	25.6	83.5	26.5	83.4	27.3	83.1	29.1
	-16.7	-17.0	87.5	23.3	87.2	25.0	86.9	26.7	86.8	27.5	86.6	28.3	86.3	30.0
	-13.7	-15.0	91.1	24.5	90.8	26.2	90.5	27.8	90.4	28.6	90.2	29.4	89.9	31.0
	-11.8	-13.0	95.1	25.8	94.8	27.3	94.5	28.9	94.3	29.6	94.2	30.4	93.9	31.9
	-9.8	-11.0	99	27.0	99	28.5	99	30.0	99	30.7	99	31.4	98	32.9
	-9.5	-10.0	102	27.7	101	29.1	101	30.5	101	31.2	101	31.9	101	33.4
	-8.5	-9.1	104	28.2	104	29.6	103	31.0	103	31.7	103	32.4	103	33.8
	-7.0	-7.6	108	29.1	107	30.5	107	31.8	107	32.5	107	33.2	106	34.5
	-5.0	-5.6	113	30.3	113	31.6	112	32.9	112	33.5	112	34.1	112	35.4
	-3.0	-3.7	118	31.4	118	32.6	118	33.8	118	34.4	118	35.0	117	36.3
	0.0	-0.7	128	33.0	127	34.1	127	35.3	127	35.8	127	36.4	126	37.5
	3.0	2.2	137	34.5	137	35.5	137	36.6	137	37.1	137	37.6	136	38.7
	5.0	4.1	144	35.4	144	36.4	144	37.4	144	37.9	143	38.4	143	39.4
	7.0	6.0	151	36.3	151	37.2	151	38.1	151	38.6	151	39.1	150	40.0
	9.0	7.9	159	37.1	159	38.0	158	38.9	158	39.3	158	39.8	151	38.1
	11.0	9.8	167	37.8	166	38.7	166	39.6	166	40.0	162	39.1	151	35.9
	13.0	11.8	175	38.6	175	39.4	173	39.8	168	38.2	162	36.7	151	33.8
	15.0	13.7	184	39.3	184	40.1	173	37.5	168	36.1	162	34.7	151	31.9
110% (1276)	-19.8	-20.0	82.4	24.1	82.1	25.7	81.8	27.4	81.7	28.2	81.5	29.0	81.3	30.6
	-18.8	-19.0	83.8	24.7	83.6	26.2	83.3	27.8	83.1	28.6	83.0	29.4	82.7	31.0
	-16.7	-17.0	87.1	25.8	86.8	27.3	86.5	28.8	86.4	29.6	86.2	30.4	86.0	31.9
	-13.7	-15.0	90.7	26.9	90.4	28.4	90.1	29.8	90.0	30.6	89.8	31.3	89.6	32.8
	-11.8	-13.0	94.6	28.0	94.4	29.4	94.1	30.8	93.9	31.6	93.8	32.3	93.5	33.7
	-9.8	-11.0	99	29.2	99	30.5	98	31.9	98	32.5	98	33.2	98	34.5
	-9.5	-10.0	101	29.8	101	31.1	101	32.4	101	33.0	100	33.7	100	35.0
	-8.5	-9.1	103	30.3	103	31.5	103	32.8	103	33.5	103	34.1	102	35.4
	-7.0	-7.6	107	31.1	107	32.3	107	33.6	107	34.2	106	34.8	106	36.0
	-5.0	-5.6	113	32.2	112	33.3	112	34.5	112	35.1	112	35.7	111	36.9
	-3.0	-3.7	118	33.2	118	34.3	117	35.4	117	36.0	117	36.5	117	37.6
	0.0	-0.7	127	34.7	127	35.7	127	36.7	127	37.2	126	37.8	126	38.8
	3.0	2.2	137	36.0	137	37.0	136	37.9	136	38.4	136	38.9	136	39.8
	5.0	4.1	144	36.8	144	37.8	143	38.7	143	39.1	143	39.6	139	38.7
	7.0	6.0	151	37.6	151	38.5	150	39.4	150	39.8	149	39.6	139	36.4
	9.0	7.9	158	38.4	158	39.2	158	40.0	154	38.9	149	37.4	139	34.4
	11.0	9.8	166	39.1	166	39.9	159	38.1	154	36.7	149	35.2	139	32.4
	13.0	11.8	175	39.8	169	38.6	159	35.9	154	34.5	149	33.2	139	30.6
	15.0	13.7	179	39.1	169	36.4	159	33.9	154	32.6	149	31.4	139	28.9
100% (1160)	-19.8	-20.0	81.9	26.7	81.7	28.2	81.4	29.7	81.3	30.4	81.2	31.1	80.9	32.6
	-18.8	-19.0	83.4	27.2	83.1	28.6	82.9	30.1	82.8	30.8	82.6	31.5	82.4	33.0
	-16.7	-17.0	86.6	28.2	86.4	29.6	86.1	31.0	86.0	31.7	85.9	32.4	85.6	33.8
	-13.7	-15.0	90.2	29.2	90.0	30.6	89.7	31.9	89.6	32.6	89.5	33.2	89.2	34.6
	-11.8	-13.0	94.2	30.3	93.9	31.6	93.7	32.8	93.6	33.5	93.4	34.1	93.2	35.4
	-9.8	-11.0	99	31.3	98	32.5	98	33.8	98	34.4	98	35.0	98	36.2
	-9.5	-10.0	101	31.8	101	33.0	100	34.2	100	34.8	100	35.4	100	36.6
	-8.5	-9.1	103	32.3	103	33.5	103	34.6	102	35.2	102	35.8	102	37.0
	-7.0	-7.6	107	33.1	107	34.2	106	35.3	106	35.9	106	36.4	106	37.5
	-5.0	-5.6	112	34.0	112	35.1	112	36.2	112	36.7	111	37.2	111	38.3
	-3.0	-3.7	118	35.0	117	36.0	117	37.0	117	37.5	117	38.0	117	39.0
	0.0	-0.7	127	36.3	127	37.3	126	38.2	126	38.7	126	39.1	126	40.1
	3.0	2.2	137	37.5	136	38.4	136	39.3	136	39.7	135	39.9	126	36.6
	5.0	4.1	143	38.3	143	39.1	143	40.0	140	39.1	135	37.6	126	34.5
	7.0	6.0	151	39.0	150	39.8	145	38.3	140	36.8	135	35.4	126	32.6
	9.0	7.9	158	39.7	154	38.9	145	36.1	140	34.7	135	33.4	126	30.8
	11.0	9.8	163	39.3	154	36.7	145	34.1	140	32.8	135	31.5	126	29.1
	13.0	11.8	163	37.0	154	34.5	145	32.1	140	30.9	135	29.7	126	27.5
	15.0	13.7	163	34.9	154	32.6	145	30.4	140	29.2	135	28.2	126	26.0

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1044)	-19.8	-20.0	81.5	29.3	81.2	30.6	81.0	32.0	80.9	32.6	80.8	33.3	80.6	34.6
	-18.8	-19.0	83.0	29.7	82.7	31.0	82.5	32.4	82.4	33.0	82.3	33.7	82.0	35.0
	-16.7	-17.0	86.2	30.7	85.9	31.9	85.7	33.2	85.6	33.8	85.5	34.4	85.3	35.7
	-13.7	-15.0	89.8	31.6	89.5	32.8	89.3	34.0	89.2	34.6	89.1	35.2	88.9	36.4
	-11.8	-13.0	93.8	32.5	93.5	33.7	93.3	34.8	93.2	35.4	93.1	36.0	92.8	37.1
	-9.8	-11.0	98	33.5	98	34.6	98	35.7	98	36.2	97	36.8	97	37.8
	-9.5	-10.0	100	33.9	100	35.0	100	36.1	100	36.6	100	37.1	99	38.2
	-8.5	-9.1	103	34.3	102	35.4	102	36.4	102	37.0	102	37.5	102	38.5
	-7.0	-7.6	106	35.0	106	36.0	106	37.0	106	37.5	106	38.1	105	39.1
	-5.0	-5.6	112	35.9	111	36.9	111	37.8	111	38.3	111	38.8	111	39.8
	-3.0	-3.7	117	36.7	117	37.6	117	38.6	117	39.0	116	39.5	113	38.8
	0.0	-0.7	126	38.0	126	38.8	126	39.6	126	40.1	122	38.5	113	35.4
	3.0	2.2	136	39.1	136	39.8	130	38.1	126	36.6	122	35.2	113	32.4
	5.0	4.1	143	39.7	138	38.6	130	35.9	126	34.5	122	33.2	113	30.6
	7.0	6.0	147	39.0	138	36.4	130	33.8	126	32.6	122	31.3	113	28.9
	9.0	7.9	147	36.8	138	34.3	130	31.9	126	30.8	122	29.6	113	27.3
	11.0	9.8	147	34.7	138	32.4	130	30.2	126	29.1	122	28.0	113	25.9
	13.0	11.8	147	32.7	138	30.5	130	28.5	126	27.5	122	26.4	113	24.5
	15.0	13.7	147	30.9	138	28.9	130	27.0	126	26.0	122	25.1	113	23.2
80% (928)	-19.8	-20.0	81.0	31.9	80.8	33.1	80.6	34.3	80.5	34.9	80.4	35.4	80.2	36.6
	-18.8	-19.0	82.5	32.3	82.3	33.4	82.1	34.6	82.0	35.2	81.9	35.8	81.7	36.9
	-16.7	-17.0	85.7	33.1	85.5	34.2	85.3	35.3	85.2	35.9	85.1	36.4	84.9	37.6
	-13.7	-15.0	89.3	33.9	89.1	35.0	88.9	36.1	88.8	36.6	88.7	37.1	88.5	38.2
	-11.8	-13.0	93.3	34.8	93.1	35.8	92.9	36.8	92.8	37.3	92.7	37.8	92.5	38.8
	-9.8	-11.0	98	35.6	97	36.6	97	37.6	97	38.0	97	38.5	97	39.5
	-9.5	-10.0	100	36.0	100	37.0	100	37.9	99	38.4	99	38.9	99	39.8
	-8.5	-9.1	102	36.4	102	37.3	102	38.2	102	38.7	102	39.2	101	39.8
	-7.0	-7.6	106	37.0	106	37.9	105	38.8	105	39.2	105	39.7	101	38.0
	-5.0	-5.6	111	37.8	111	38.6	111	39.5	111	39.9	108	39.0	101	35.8
	-3.0	-3.7	117	38.5	116	39.3	116	39.8	112	38.2	108	36.7	101	33.8
	0.0	-0.7	126	39.6	123	39.0	116	36.2	112	34.9	108	33.5	101	30.9
	3.0	2.2	130	38.2	123	35.6	116	33.1	112	31.9	108	30.7	101	28.3
	5.0	4.1	130	36.0	123	33.6	116	31.3	112	30.1	108	29.0	101	26.8
	7.0	6.0	130	33.9	123	31.7	116	29.5	112	28.5	108	27.4	101	25.4
	9.0	7.9	130	32.0	123	30.0	116	27.9	112	27.0	108	26.0	101	24.0
	11.0	9.8	130	30.3	123	28.3	116	26.5	112	25.5	108	24.6	101	22.8
	13.0	11.8	130	28.6	123	26.8	116	25.0	112	24.1	108	23.3	101	21.6
	15.0	13.7	130	27.1	123	25.4	116	23.7	112	22.9	108	22.1	101	20.5
70% (812)	-19.8	-20.0	80.6	34.5	80.4	35.5	80.2	36.6	80.1	37.1	80.1	37.6	79.9	38.6
	-18.8	-19.0	82.1	34.8	81.9	35.8	81.7	36.9	81.6	37.4	81.5	37.9	81.3	38.9
	-16.7	-17.0	85.3	35.5	85.1	36.5	84.9	37.5	84.8	38.0	84.8	38.5	84.6	39.4
	-13.7	-15.0	88.9	36.3	88.7	37.2	88.5	38.1	88.4	38.6	88.4	39.1	88.2	40.0
	-11.8	-13.0	92.9	37.0	92.7	37.9	92.5	38.8	92.4	39.2	92.3	39.7	88.2	37.9
	-9.8	-11.0	97	37.7	97	38.6	97	39.4	96.8	39.9	94.7	39.0	88.2	35.8
	-9.5	-10.0	100	38.1	99	38.9	99	39.8	97.9	39.4	94.7	37.9	88.2	34.8
	-8.5	-9.1	102	38.4	101	39.2	101	40.0	97.9	38.4	94.7	36.9	88.2	33.9
	-7.0	-7.6	105	39.0	105	39.7	101	38.2	97.9	36.7	94.7	35.3	88.2	32.5
	-5.0	-5.6	111	39.7	108	38.7	101	36.0	97.9	34.6	94.7	33.3	88.2	30.7
	-3.0	-3.7	114	39.2	108	36.5	101	34.0	97.9	32.7	94.7	31.4	88.2	29.0
	0.0	-0.7	114	35.7	108	33.3	101	31.0	97.9	29.9	94.7	28.8	88.2	26.6
	3.0	2.2	114	32.7	108	30.5	101	28.5	97.9	27.4	94.7	26.4	88.2	24.5
	5.0	4.1	114	30.8	108	28.8	101	26.9	97.9	26.0	94.7	25.0	88.2	23.2
	7.0	6.0	114	29.1	108	27.3	101	25.5	97.9	24.6	94.7	23.7	88.2	22.0
	9.0	7.9	114	27.6	108	25.8	101	24.1	97.9	23.3	94.7	22.5	88.2	20.9
	11.0	9.8	114	26.1	108	24.5	101	22.9	97.9	22.1	94.7	21.4	88.2	19.8
	13.0	11.8	114	24.7	108	23.2	101	21.7	97.9	21.0	94.7	20.2	88.2	18.8
	15.0	13.7	114	23.4	108	22.0	101	20.6	97.9	19.9	94.7	19.3	88.2	17.9
60% (696)	-19.8	-20.0	80.1	37.1	80.0	38.0	79.8	38.9	79.8	39.3	79.7	39.7	75.6	37.5
	-18.8	-19.0	81.6	37.4	81.5	38.3	81.3	39.1	81.2	39.6	81.1	40.0	75.6	36.7
	-16.7	-17.0	84.8	38.0	84.7	38.8	84.5	39.7	83.9	39.7	81.1	38.1	75.6	35.0
	-13.7	-15.0	88.4	38.6	88.3	39.4	86.7	39.2	83.9	37.7	81.1	36.2	75.6	33.3
	-11.8	-13.0	92.4	39.2	92.3	40.0	86.7	37.1	83.9	35.7	81.1	34.4	75.6	31.6
	-9.8	-11.0	96.8	39.9	92.3	37.8	86.7	35.1	83.9	33.8	81.1	32.5	75.6	30.0
	-9.5	-10.0	97.8	39.4	92.3	36.8	86.7	34.2	83.9	32.9	81.1	31.6	75.6	29.2
	-8.5	-9.1	97.8	38.4	92.3	35.8	86.7	33.3	83.9	32.1	81.1	30.8	75.6	28.5
	-7.0	-7.6	97.8	36.7	92.3	34.3	86.7	31.9	83.9	30.7	81.1	29.6	75.6	27.3
	-5.0	-5.6	97.8	34.6	92.3	32.3	86.7	30.1	83.9	29.0	81.1	27.9	75.6	25.8
	-3.0	-3.7	97.8	32.7	92.3	30.5	86.7	28.5	83.9	27.5	81.1	26.4	75.6	24.5
	0.0	-0.7	97.8	29.9	92.3	28.0	86.7	26.1	83.9	25.2	81.1	24.3	75.6	22.5
	3.0	2.2	97.8	27.4	92.3	25.7	86.7	24.0	83.9	23.2	81.1	22.4	75.6	20.8
	5.0	4.1	97.8	25.9	92.3	24.3	86.7	22.8	83.9	22.0	81.1	21.2	75.6	19.7
	7.0	6.0	97.8	24.6	92.3	23.1	86.7	21.6	83.9	20.9	81.1	20.2	75.6	18.8
	9.0	7.9	97.8	23.3	92.3	21.9	86.7	20.5	83.9	19.8	81.1	19.2	75.6	17.9
	11.0	9.8	97.8	22.1	92.3	20.8	86.7	19.5	83.9	18.9	81.1	18.2	75.6	17.0
	13.0	11.8	97.8	20.9	92.3	19.7	86.7	18.5	83.9	17.9	81.1	17.3	75.6	16.2
	15.0	13.7	97.8	19.9	92.3	18.8	86.7	17.6	83.9	17.1	81.1	16.5	75.6	15.4
50% (580)	-19.8	-20.0	79.7	39.7	76.9	38.3	72.3	35.6	69.9	34.3	67.6	32.9	63.0	30.4
	-18.8	-19.0	81.2	39.9	76.9	37.5	72.3	34.8	69.9	33.5	67.6	32.2	63.0	29.7
	-16.7	-17.0	81.5	38.3	76.9	35.8	72.3	33.2	69.9	32.0	67.6	30.8	63.0	28.4
	-13.7	-15.0	81.5	36.4	76.9	34.0	72.3	31.6	69.9	30.5	67.6	29.3	63.0	27.1
	-11.8	-13.0	81.5	34.6	76.9	32.3	72.3	30.1	69.9	29.0	67.6	27.9	63.0	25.8
	-9.8	-11.0	81.5	32.7	76.9	30.6	72.3	28.5	69.9	27.5	67.6	26.5	63.0	24.5
	-9.5	-10.0	81.5	31.8	76.9	29.8	72.3	27.7	69.9	26.8	67.6	25.8	63.0	23.9
	-8.5	-9.1	81.5	31.0	76.9	29.0	72.3	27.1	69.9	26.1	67.6	25.2	63.0	23.3
	-7.0	-7.6	81.5	29.7	76.9	27.8	72.3	26.0	69.9	25.1	67.6	24.2	63.0	22.4
	-5.0	-5.6	81.5	28.1	76.9	26.3	72.3	24.6	69.9	23.7	67.6	22.9	63.0	21.2
	-3.0	-3.7	81.5	26.6	76.9	24.9	72.3	23.3	69.9	22.5	67.6	21.7	63.0	20.2
	0.0	-0.7	81.5	24.4	76.9	22.9	72.3	21.5	69.9	20.8	67.6	20.0	63.0	18.7
	3.0	2.2	81.5	22.5	76.9	21.2	72.3	19.8	69.9	19.2	67.6	18.6	63.0	17.3
	5.0	4.1	81.5	21.4	76.9	20.1	72.3	18.9	69.9	18.3	67.6	17.7	63.0	16.5
	7.0	6.0	81.5	20.3	76.9	19.1	72.3	17.9	69.9	17.4	67.6	16.8	63.0	15.7
	9.0	7.9	81.5	19.3	76.9	18.2	72.3	17.1	69.9	16.6	67.6	16.0	63.0	15.0
	11.0	9.8	81.5	18.3	76.9	17.3	72.3	16.3	69.9	15.8	67.6	15.3	63.0	14.3
	13.0	11.8	81.5	17.4	76.9	16.5	72.3	15.5	69.9	15.0	67.6	14.6	63.0	13.6
	15.0	13.7	81.5	16.6	76.9	15.7	72.3	14.8	69.9	14.4	67.6	13.9	63.0	13.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ48PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	-19.8	-20.0	86.6	19.5	86.3	21.5	85.9	23.5	85.7	24.5	85.6	25.5	85.2	27.4
	-18.8	-19.0	88.2	20.2	87.8	22.1	87.5	24.1	87.3	25.0	87.1	26.0	86.8	28.0
	-16.7	-17.0	91.5	21.5	91.2	23.4	90.8	25.3	90.7	26.2	90.5	27.1	90.2	29.0
	-13.7	-15.0	95.3	22.9	95.0	24.7	94.6	26.5	94.4	27.4	94.3	28.3	93.9	30.1
	-11.8	-13.0	99.4	24.3	99.1	26.0	98.8	27.7	98.6	28.6	98.4	29.5	98.1	31.2
	-9.8	-11.0	104	25.7	104	27.4	103	29.0	103	29.8	103	30.6	103	32.3
	-9.5	-10.0	106	26.4	106	28.0	106	29.6	106	30.4	105	31.2	105	32.8
	-8.5	-9.1	109	27.0	108	28.6	108	30.2	108	30.9	108	31.7	107	33.3
	-7.0	-7.6	113	28.0	112	29.5	112	31.1	112	31.8	111	32.6	111	34.1
	-5.0	-5.6	118	29.4	118	30.8	117	32.2	117	32.9	117	33.7	117	35.1
	-3.0	-3.7	124	30.6	123	31.9	123	33.3	123	34.0	123	34.7	122	36.0
	0.0	-0.7	133	32.4	133	33.6	133	34.9	132	35.5	132	36.2	132	37.4
	3.0	2.2	143	34.0	143	35.2	143	36.4	142	36.9	142	37.5	142	38.7
	5.0	4.1	150	35.0	150	36.1	150	37.3	150	37.8	149	38.4	149	39.5
	7.0	6.0	158	36.0	157	37.0	157	38.1	157	38.6	157	39.2	156	40.2
	9.0	7.9	165	36.9	165	37.9	165	38.9	165	39.4	164	39.9	164	40.9
	11.0	9.8	174	37.8	173	38.7	173	39.7	173	40.2	173	40.6	171	41.0
	13.0	11.8	182	38.6	182	39.5	182	40.4	182	40.9	181	41.3	171	38.5
	15.0	13.7	191	39.4	191	40.3	191	41.1	189	41.2	183	39.6	171	36.4
120% (1440)	-19.8	-20.0	86.1	22.2	85.8	24.0	85.5	25.9	85.3	26.8	85.2	27.7	84.9	29.5
	-18.8	-19.0	87.7	22.8	87.4	24.6	87.1	26.4	86.9	27.3	86.7	28.2	86.4	30.0
	-16.7	-17.0	91.1	24.0	90.8	25.8	90.4	27.5	90.3	28.4	90.1	29.2	89.8	31.0
	-13.7	-15.0	94.8	25.3	94.5	27.0	94.2	28.7	94.0	29.5	93.9	30.3	93.6	32.0
	-11.8	-13.0	99.0	26.6	98.7	28.2	98.3	29.8	98.2	30.6	98.0	31.4	97.7	33.0
	-9.8	-11.0	103	27.9	103	29.4	103	30.9	103	31.7	103	32.5	102	34.0
	-9.5	-10.0	106	28.6	106	30.0	105	31.5	105	32.3	105	33.0	105	34.5
	-8.5	-9.1	108	29.1	108	30.6	108	32.0	107	32.7	107	33.5	107	34.9
	-7.0	-7.6	112	30.1	112	31.5	111	32.9	111	33.5	111	34.2	111	35.6
	-5.0	-5.6	118	31.3	117	32.6	117	33.9	117	34.6	117	35.3	116	36.6
	-3.0	-3.7	123	32.4	123	33.7	123	34.9	122	35.6	122	36.2	122	37.4
	0.0	-0.7	133	34.1	132	35.3	132	36.4	132	37.0	132	37.6	132	38.7
	3.0	2.2	143	35.6	143	36.7	142	37.8	142	38.3	142	38.8	142	39.9
	5.0	4.1	150	36.5	150	37.6	149	38.6	149	39.1	149	39.6	149	40.6
	7.0	6.0	157	37.4	157	38.4	157	39.4	157	39.9	156	40.4	156	41.3
	9.0	7.9	165	38.3	165	39.2	164	40.1	164	40.6	164	41.0	157	39.5
	11.0	9.8	173	39.1	173	39.9	172	40.8	172	41.3	169	40.5	157	37.2
	13.0	11.8	182	39.8	182	40.7	181	41.3	175	39.7	169	38.1	157	35.1
	15.0	13.7	191	40.6	190	41.4	181	38.9	175	37.5	169	36.0	157	33.2
110% (1320)	-19.8	-20.0	85.7	24.9	85.4	26.6	85.1	28.2	85.0	29.1	84.8	29.9	84.5	31.6
	-18.8	-19.0	87.2	25.4	86.9	27.1	86.6	28.7	86.5	29.6	86.4	30.4	86.1	32.0
	-16.7	-17.0	90.6	26.6	90.3	28.2	90.0	29.8	89.9	30.5	89.7	31.3	89.4	32.9
	-13.7	-15.0	94.4	27.8	94.1	29.3	93.8	30.8	93.6	31.6	93.5	32.3	93.2	33.8
	-11.8	-13.0	98.5	29.0	98.2	30.4	97.9	31.9	97.8	32.6	97.6	33.3	97.3	34.8
	-9.8	-11.0	103	30.1	103	31.5	102	32.9	102	33.6	102	34.3	102	35.7
	-9.5	-10.0	105	30.7	105	32.1	105	33.4	105	34.1	105	34.8	104	36.1
	-8.5	-9.1	108	31.2	107	32.6	107	33.9	107	34.6	107	35.2	107	36.5
	-7.0	-7.6	112	32.1	111	33.4	111	34.7	111	35.3	111	35.9	110	37.2
	-5.0	-5.6	117	33.2	117	34.4	117	35.6	116	36.3	116	36.9	116	38.1
	-3.0	-3.7	123	34.3	122	35.4	122	36.6	122	37.1	122	37.7	122	38.9
	0.0	-0.7	132	35.8	132	36.9	132	37.9	132	38.5	131	39.0	131	40.1
	3.0	2.2	142	37.2	142	38.2	142	39.2	142	39.7	142	40.1	141	41.1
	5.0	4.1	149	38.0	149	39.0	149	39.9	149	40.4	149	40.9	144	40.1
	7.0	6.0	157	38.8	157	39.7	156	40.6	156	41.1	155	41.1	144	37.8
	9.0	7.9	165	39.6	164	40.5	164	41.3	160	40.3	155	38.7	144	35.6
	11.0	9.8	173	40.4	172	41.2	166	39.5	160	38.0	155	36.6	144	33.6
	13.0	11.8	181	41.1	176	40.1	166	37.2	160	35.8	155	34.4	144	31.7
	15.0	13.7	187	40.6	176	37.8	166	35.2	160	33.9	155	32.6	144	30.0
100% (1200)	-19.8	-20.0	85.2	27.6	84.9	29.1	84.7	30.6	84.6	31.4	84.4	32.1	84.2	33.7
	-18.8	-19.0	86.8	28.1	86.5	29.6	86.2	31.1	86.1	31.8	86.0	32.6	85.7	34.1
	-16.7	-17.0	90.1	29.1	89.9	30.6	89.6	32.0	89.5	32.7	89.3	33.4	89.1	34.9
	-13.7	-15.0	93.9	30.2	93.6	31.6	93.4	32.9	93.2	33.6	93.1	34.3	92.8	35.7
	-11.8	-13.0	98.0	31.3	97.8	32.6	97.5	33.9	97.4	34.6	97.3	35.2	97.0	36.6
	-9.8	-11.0	103	32.3	102	33.6	102	34.9	102	35.5	102	36.1	102	37.4
	-9.5	-10.0	105	32.9	105	34.1	104	35.3	104	36.0	104	36.6	104	37.8
	-8.5	-9.1	107	33.4	107	34.6	107	35.8	107	36.4	106	37.0	106	38.2
	-7.0	-7.6	111	34.1	111	35.3	111	36.5	110	37.0	110	37.6	110	38.8
	-5.0	-5.6	117	35.2	116	36.3	116	37.4	116	37.9	116	38.5	116	39.6
	-3.0	-3.7	122	36.1	122	37.1	122	38.2	122	38.7	122	39.2	121	40.3
	0.0	-0.7	132	37.5	132	38.5	131	39.4	131	39.9	131	40.4	131	41.4
	3.0	2.2	142	38.8	142	39.7	141	40.6	141	41.0	141	41.3	131	37.9
	5.0	4.1	149	39.5	149	40.4	148	41.3	146	40.5	141	38.9	131	35.8
	7.0	6.0	156	40.3	156	41.1	151	39.7	146	38.2	141	36.7	131	33.8
	9.0	7.9	164	41.0	160	40.3	151	37.4	146	36.0	141	34.6	131	31.9
	11.0	9.8	170	40.8	160	38.0	151	35.3	146	34.0	141	32.7	131	30.2
	13.0	11.8	170	38.3	160	35.8	151	33.3	146	32.1	141	30.9	131	28.5
	15.0	13.7	170	36.2	160	33.8	151	31.5	146	30.4	141	29.2	131	27.0

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1080)	-19.8	-20.0	84.7	30.2	84.5	31.6	84.3	33.0	84.2	33.7	84.0	34.4	83.8	35.7
	-18.8	-19.0	86.3	30.7	86.1	32.0	85.8	33.4	85.7	34.1	85.6	34.8	85.3	36.1
	-16.7	-17.0	89.7	31.6	89.4	32.9	89.2	34.2	89.1	34.9	89.0	35.5	88.7	36.8
	-13.7	-15.0	93.4	32.6	93.2	33.9	93.0	35.1	92.8	35.7	92.7	36.3	92.5	37.6
	-11.8	-13.0	97.6	33.6	97.3	34.8	97.1	36.0	97.0	36.6	96.9	37.2	96.6	38.3
	-9.8	-11.0	102	34.6	102	35.7	102	36.8	102	37.4	101	38.0	101	39.1
	-9.5	-10.0	105	35.0	104	36.2	104	37.3	104	37.8	104	38.4	104	39.5
	-8.5	-9.1	107	35.5	107	36.6	106	37.6	106	38.2	106	38.7	106	39.8
	-7.0	-7.6	111	36.2	110	37.2	110	38.3	110	38.8	110	39.3	110	40.3
	-5.0	-5.6	116	37.1	116	38.1	116	39.1	116	39.6	116	40.1	115	41.1
	-3.0	-3.7	122	37.9	122	38.9	121	39.8	121	40.3	121	40.8	118	40.2
	0.0	-0.7	131	39.2	131	40.1	131	40.9	131	41.4	127	39.9	118	36.6
	3.0	2.2	141	40.3	141	41.1	135	39.4	131	37.9	127	36.4	118	33.5
	5.0	4.1	149	41.0	144	40.0	135	37.2	131	35.8	127	34.4	118	31.7
	7.0	6.0	153	40.4	144	37.7	135	35.1	131	33.8	127	32.5	118	30.0
	9.0	7.9	153	38.1	144	35.6	135	33.1	131	31.9	127	30.7	118	28.3
	11.0	9.8	153	36.0	144	33.6	135	31.3	131	30.2	127	29.0	118	26.9
	13.0	11.8	153	33.9	144	31.7	135	29.5	131	28.5	127	27.4	118	25.4
	15.0	13.7	153	32.1	144	30.0	135	28.0	131	27.0	127	26.0	118	24.1
80% (960)	-19.8	-20.0	84.3	32.9	84.1	34.1	83.9	35.4	83.8	36.0	83.6	36.6	83.4	37.8
	-18.8	-19.0	85.8	33.3	85.6	34.5	85.4	35.7	85.3	36.3	85.2	36.9	85.0	38.1
	-16.7	-17.0	89.2	34.2	89.0	35.3	88.8	36.5	88.7	37.1	88.6	37.6	88.4	38.8
	-13.7	-15.0	93.0	35.0	92.8	36.1	92.5	37.2	92.4	37.8	92.3	38.4	92.1	39.5
	-11.8	-13.0	97.1	35.9	96.9	37.0	96.7	38.0	96.6	38.5	96.5	39.1	96.3	40.1
	-9.8	-11.0	102	36.8	101	37.8	101	38.8	101	39.3	101	39.8	101	40.8
	-9.5	-10.0	104	37.2	104	38.2	104	39.2	104	39.7	103	40.2	103	41.1
	-8.5	-9.1	106	37.6	106	38.5	106	39.5	106	40.0	106	40.5	105	41.1
	-7.0	-7.6	110	38.2	110	39.1	110	40.1	110	40.5	110	41.0	105	39.3
	-5.0	-5.6	116	39.0	116	39.9	115	40.8	115	41.2	113	40.3	105	37.0
	-3.0	-3.7	121	39.8	121	40.6	120	41.2	117	39.6	113	38.0	105	35.0
	0.0	-0.7	131	40.9	128	40.4	120	37.5	117	36.1	113	34.7	105	32.0
	3.0	2.2	136	39.6	128	36.9	120	34.3	117	33.1	113	31.8	105	29.3
	5.0	4.1	136	37.3	128	34.8	120	32.4	117	31.2	113	30.1	105	27.8
	7.0	6.0	136	35.2	128	32.9	120	30.6	117	29.5	113	28.4	105	26.3
	9.0	7.9	136	33.2	128	31.1	120	29.0	117	27.9	113	26.9	105	24.9
	11.0	9.8	136	31.4	128	29.4	120	27.4	117	26.5	113	25.5	105	23.7
	13.0	11.8	136	29.6	128	27.8	120	25.9	117	25.0	113	24.2	105	22.4
	15.0	13.7	136	28.1	128	26.3	120	24.6	117	23.8	113	23.0	105	21.3
70% (840)	-19.8	-20.0	83.8	35.6	83.6	36.7	83.4	37.8	83.4	38.3	83.3	38.8	83.1	39.9
	-18.8	-19.0	85.4	36.0	85.2	37.0	85.0	38.1	84.9	38.6	84.8	39.1	84.6	40.2
	-16.7	-17.0	88.7	36.7	88.6	37.7	88.4	38.7	88.3	39.2	88.2	39.7	88.0	40.7
	-13.7	-15.0	92.5	37.5	92.3	38.4	92.1	39.4	92.0	39.9	92.0	40.4	91.8	41.3
	-11.8	-13.0	96.7	38.2	96.5	39.2	96.3	40.1	96.2	40.5	96.1	41.0	91.8	39.2
	-9.8	-11.0	101	39.0	101	39.9	101	40.7	101	41.2	98.6	40.3	91.8	37.1
	-9.5	-10.0	104	39.4	103	40.2	103	41.1	102	40.8	98.6	39.2	91.8	36.0
	-8.5	-9.1	106	39.7	106	40.5	105	41.3	102	39.7	98.6	38.2	91.8	35.1
	-7.0	-7.6	110	40.2	110	41.1	105	39.5	102	38.0	98.6	36.5	91.8	33.6
	-5.0	-5.6	115	41.0	112	40.1	105	37.2	102	35.8	98.6	34.4	91.8	31.7
	-3.0	-3.7	119	40.5	112	37.8	105	35.1	102	33.8	98.6	32.5	91.8	30.0
	0.0	-0.7	119	37.0	112	34.5	105	32.1	102	30.9	98.6	29.8	91.8	27.5
	3.0	2.2	119	33.8	112	31.6	105	29.5	102	28.4	98.6	27.4	91.8	25.3
	5.0	4.1	119	31.9	112	29.9	105	27.9	102	26.9	98.6	25.9	91.8	24.0
	7.0	6.0	119	30.2	112	28.3	105	26.4	102	25.5	98.6	24.6	91.8	22.8
	9.0	7.9	119	28.6	112	26.8	105	25.0	102	24.2	98.6	23.3	91.8	21.6
	11.0	9.8	119	27.1	112	25.4	105	23.8	102	22.9	98.6	22.1	91.8	20.6
	13.0	11.8	119	25.6	112	24.0	105	22.5	102	21.7	98.6	21.0	91.8	19.5
	15.0	13.7	119	24.3	112	22.8	105	21.4	102	20.7	98.6	20.0	91.8	18.6
60% (720)	-19.8	-20.0	83.4	38.3	83.2	39.2	83.0	40.1	83.0	40.6	82.9	41.0	78.7	38.9
	-18.8	-19.0	84.9	38.6	84.7	39.5	84.6	40.4	84.5	40.9	84.4	41.3	78.7	38.0
	-16.7	-17.0	88.3	39.2	88.1	40.1	88.0	41.0	87.4	41.0	84.5	39.4	78.7	36.2
	-13.7	-15.0	92.0	39.9	91.9	40.7	90.3	40.5	87.4	39.0	84.5	37.5	78.7	34.5
	-11.8	-13.0	96.2	40.5	96.0	41.3	90.3	38.4	87.4	37.0	84.5	35.5	78.7	32.7
	-9.8	-11.0	101	41.2	96.1	39.1	90.3	36.3	87.4	35.0	84.5	33.6	78.7	31.0
	-9.5	-10.0	102	40.8	96.1	38.0	90.3	35.3	87.4	34.0	84.5	32.7	78.7	30.2
	-8.5	-9.1	102	39.7	96.1	37.0	90.3	34.4	87.4	33.2	84.5	31.9	78.7	29.4
	-7.0	-7.6	102	38.0	96.1	35.5	90.3	33.0	87.4	31.8	84.5	30.6	78.7	28.2
	-5.0	-5.6	102	35.8	96.1	33.4	90.3	31.1	87.4	30.0	84.5	28.9	78.7	26.7
	-3.0	-3.7	102	33.8	96.1	31.6	90.3	29.5	87.4	28.4	84.5	27.4	78.7	25.3
	0.0	-0.7	102	30.9	96.1	29.0	90.3	27.0	87.4	26.1	84.5	25.1	78.7	23.3
	3.0	2.2	102	28.4	96.1	26.6	90.3	24.9	87.4	24.0	84.5	23.2	78.7	21.5
	5.0	4.1	102	26.9	96.1	25.2	90.3	23.6	87.4	22.8	84.5	22.0	78.7	20.5
	7.0	6.0	102	25.5	96.1	23.9	90.3	22.4	87.4	21.7	84.5	20.9	78.7	19.5
	9.0	7.9	102	24.2	96.1	22.7	90.3	21.3	87.4	20.6	84.5	19.9	78.7	18.5
	11.0	9.8	102	22.9	96.1	21.6	90.3	20.2	87.4	19.6	84.5	18.9	78.7	17.6
	13.0	11.8	102	21.7	96.1	20.5	90.3	19.2	87.4	18.6	84.5	18.0	78.7	16.8
	15.0	13.7	102	20.7	96.1	19.5	90.3	18.3	87.4	17.7	84.5	17.2	78.7	16.0
50% (600)	-19.8	-20.0	82.9	41.0	80.1	39.7	75.3	36.8	72.8	35.5	70.4	34.1	65.6	31.4
	-18.8	-19.0	84.4	41.2	80.1	38.8	75.3	36.0	72.8	34.7	70.4	33.4	65.6	30.8
	-16.7	-17.0	84.9	39.7	80.1	37.0	75.3	34.4	72.8	33.1	70.4	31.9	65.6	29.4
	-13.7	-15.0	84.9	37.7	80.1	35.2	75.3	32.7	72.8	31.5	70.4	30.4	65.6	28.0
	-11.8	-13.0	84.9	35.7	80.1	33.4	75.3	31.1	72.8	30.0	70.4	28.9	65.6	26.7
	-9.8	-11.0	84.9	33.8	80.1	31.6	75.3	29.5	72.8	28.4	70.4	27.4	65.6	25.3
	-9.5	-10.0	84.9	32.9	80.1	30.8	75.3	28.7	72.8	27.7	70.4	26.7	65.6	24.7
	-8.5	-9.1	84.9	32.1	80.1	30.0	75.3	28.0	72.8	27.0	70.4	26.0	65.6	24.1
	-7.0	-7.6	84.9	30.8	80.1	28.8	75.3	26.9	72.8	25.9	70.4	25.0	65.6	23.2
	-5.0	-5.6	84.9	29.1	80.1	27.2	75.3	25.4	72.8	24.6	70.4	23.7	65.6	22.0
	-3.0	-3.7	84.9	27.5	80.1	25.8	75.3	24.1	72.8	23.3	70.4	22.5	65.6	20.9
	0.0	-0.7	84.9	25.3	80.1	23.7	75.3	22.2	72.8	21.5	70.4	20.8	65.6	19.3
	3.0	2.2	84.9	23.3	80.1	21.9	75.3	20.6	72.8	19.9	70.4	19.2	65.6	17.9
	5.0	4.1	84.9	22.1	80.1	20.8	75.3	19.5	72.8	18.9	70.4	18.3	65.6	17.1
	7.0	6.0	84.9	21.0	80.1	19.8	75.3	18.6	72.8	18.0	70.4	17.4	65.6	16.3
	9.0	7.9	84.9	20.0	80.1	18.8	75.3	17.7	72.8	17.2	70.4	16.6	65.6	15.5
	11.0	9.8	84.9	19.0	80.1	17.9	75.3	16.9	72.8	16.4	70.4	15.9	65.6	14.8
	13.0	11.8	84.9	18.1	80.1	17.1	75.3	16.1	72.8	15.6	70.4	15.1	65.6	14.2
	15.0	13.7	84.9	17.2	80.1	16.3	75.3	15.4	72.8	14.9	70.4	14.4	65.6	13.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ50PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	-19.8	-20.0	91.0	20.7	90.7	22.8	90.3	24.9	90.1	25.9	90.0	27.0	89.6	29.1
	-18.8	-19.0	92.7	21.4	92.3	23.4	91.9	25.5	91.8	26.5	91.6	27.5	91.2	29.6
	-16.7	-17.0	96.2	22.8	95.9	24.8	95.5	26.8	95.3	27.7	95.1	28.7	94.8	30.7
	-13.7	-15.0	100.2	24.3	99.8	26.2	99.5	28.1	99.3	29.0	99.1	30.0	98.7	31.9
	-11.8	-13.0	104.5	25.8	104.2	27.6	103.8	29.4	103.6	30.3	103.4	31.2	103.1	33.0
	-9.8	-11.0	109	27.2	109	29.0	109	30.7	108	31.6	108	32.4	108	34.1
	-9.5	-10.0	112	28.0	111	29.6	111	31.3	111	32.2	111	33.0	110	34.7
	-8.5	-9.1	114	28.6	114	30.3	113	31.9	113	32.7	113	33.6	113	35.2
	-7.0	-7.6	118	29.7	118	31.3	118	32.9	117	33.7	117	34.5	117	36.0
	-5.0	-5.6	124	31.1	124	32.6	123	34.1	123	34.9	123	35.6	123	37.1
	-3.0	-3.7	130	32.4	130	33.8	129	35.2	129	35.9	129	36.7	129	38.1
	0.0	-0.7	140	34.3	140	35.6	139	36.9	139	37.6	139	38.3	139	39.6
	3.0	2.2	151	36.0	150	37.2	150	38.5	150	39.1	150	39.7	149	40.9
	5.0	4.1	158	37.1	158	38.2	157	39.4	157	40.0	157	40.6	157	41.8
	7.0	6.0	166	38.1	165	39.2	165	40.3	165	40.9	165	41.4	164	42.5
	9.0	7.9	174	39.0	174	40.1	173	41.2	173	41.7	173	42.2	173	43.3
	11.0	9.8	182	39.9	182	41.0	182	42.0	182	42.5	181	43.0	179	43.2
	13.0	11.8	192	40.8	191	41.8	191	42.8	191	43.3	191	43.7	179	40.7
	15.0	13.7	201	41.7	201	42.6	200	43.5	199	43.5	192	41.8	179	38.4
120% (1500)	-19.8	-20.0	90.6	23.5	90.2	25.4	89.9	27.4	89.7	28.3	89.6	29.3	89.2	31.3
	-18.8	-19.0	92.2	24.1	91.8	26.0	91.5	27.9	91.3	28.9	91.2	29.8	90.8	31.7
	-16.7	-17.0	95.7	25.5	95.4	27.3	95.1	29.1	94.9	30.0	94.7	31.0	94.4	32.8
	-13.7	-15.0	99.7	26.8	99.4	28.6	99.0	30.3	98.9	31.2	98.7	32.1	98.4	33.8
	-11.8	-13.0	104.0	28.2	103.7	29.9	103.4	31.5	103.2	32.4	103.0	33.2	102.7	34.9
	-9.8	-11.0	109	29.6	108	31.2	108	32.8	108	33.6	108	34.4	107	35.9
	-9.5	-10.0	111	30.2	111	31.8	111	33.4	110	34.1	110	34.9	110	36.5
	-8.5	-9.1	114	30.8	113	32.4	113	33.9	113	34.7	113	35.4	112	36.9
	-7.0	-7.6	118	31.8	117	33.3	117	34.8	117	35.5	117	36.2	116	37.7
	-5.0	-5.6	124	33.1	123	34.5	123	35.9	123	36.6	123	37.3	122	38.7
	-3.0	-3.7	130	34.3	129	35.6	129	37.0	129	37.6	129	38.3	128	39.6
	0.0	-0.7	140	36.1	139	37.3	139	38.5	139	39.1	139	39.8	138	41.0
	3.0	2.2	150	37.7	150	38.8	150	39.9	149	40.5	149	41.1	149	42.2
	5.0	4.1	158	38.6	157	39.7	157	40.8	157	41.4	157	41.9	156	43.0
	7.0	6.0	165	39.6	165	40.6	165	41.6	165	42.2	164	42.7	164	43.7
	9.0	7.9	173	40.5	173	41.5	173	42.4	173	42.9	172	43.4	165	41.7
	11.0	9.8	182	41.3	182	42.2	181	43.2	181	43.6	177	42.8	165	39.3
	13.0	11.8	191	42.1	191	43.0	190	43.6	184	41.9	177	40.2	165	37.0
	15.0	13.7	201	42.9	200	43.7	190	41.1	184	39.5	177	38.0	165	35.0
110% (1375)	-19.8	-20.0	90.1	26.3	89.8	28.1	89.5	29.9	89.3	30.8	89.1	31.7	88.8	33.4
	-18.8	-19.0	91.7	26.9	91.4	28.7	91.1	30.4	90.9	31.3	90.8	32.2	90.5	33.9
	-16.7	-17.0	95.2	28.1	94.9	29.8	94.6	31.5	94.5	32.3	94.3	33.2	94.0	34.8
	-13.7	-15.0	99.2	29.4	98.9	31.0	98.6	32.6	98.4	33.4	98.3	34.2	98.0	35.8
	-11.8	-13.0	103.6	30.6	103.2	32.2	102.9	33.7	102.8	34.5	102.6	35.2	102.3	36.8
	-9.8	-11.0	108	31.9	108	33.4	108	34.8	108	35.6	107	36.3	107	37.7
	-9.5	-10.0	111	32.5	111	33.9	110	35.4	110	36.1	110	36.8	110	38.2
	-8.5	-9.1	113	33.1	113	34.5	113	35.9	112	36.6	112	37.3	112	38.7
	-7.0	-7.6	117	34.0	117	35.3	117	36.7	117	37.3	116	38.0	116	39.4
	-5.0	-5.6	123	35.2	123	36.4	123	37.7	122	38.4	122	39.0	122	40.3
	-3.0	-3.7	129	36.2	129	37.5	128	38.7	128	39.3	128	39.9	128	41.1
	0.0	-0.7	139	37.9	139	39.0	139	40.1	138	40.7	138	41.2	138	42.4
	3.0	2.2	150	39.3	149	40.4	149	41.4	149	41.9	149	42.5	149	43.5
	5.0	4.1	157	40.2	157	41.2	157	42.2	156	42.7	156	43.2	151	42.3
	7.0	6.0	165	41.1	165	42.0	164	43.0	164	43.5	163	43.4	151	39.8
	9.0	7.9	173	41.9	173	42.8	172	43.7	168	42.6	163	40.9	151	37.6
	11.0	9.8	181	42.7	181	43.5	174	41.7	168	40.1	163	38.6	151	35.5
	13.0	11.8	191	43.4	185	42.3	174	39.3	168	37.8	163	36.3	151	33.5
	15.0	13.7	196	42.8	185	39.9	174	37.1	168	35.7	163	34.4	151	31.7
100% (1250)	-19.8	-20.0	89.6	29.2	89.3	30.8	89.0	32.4	88.9	33.2	88.7	34.0	88.5	35.6
	-18.8	-19.0	91.2	29.7	90.9	31.3	90.6	32.9	90.5	33.7	90.4	34.5	90.1	36.0
	-16.7	-17.0	94.8	30.8	94.5	32.3	94.2	33.9	94.1	34.6	93.9	35.4	93.6	36.9
	-13.7	-15.0	98.7	32.0	98.4	33.4	98.2	34.9	98.0	35.6	97.9	36.3	97.6	37.8
	-11.8	-13.0	103.1	33.1	102.8	34.5	102.5	35.9	102.4	36.6	102.2	37.3	102.0	38.7
	-9.8	-11.0	108	34.2	108	35.6	107	36.9	107	37.6	107	38.2	107	39.6
	-9.5	-10.0	110	34.8	110	36.1	110	37.4	110	38.0	110	38.7	109	40.0
	-8.5	-9.1	113	35.3	112	36.6	112	37.8	112	38.5	112	39.1	112	40.4
	-7.0	-7.6	117	36.1	117	37.3	116	38.6	116	39.2	116	39.8	116	41.0
	-5.0	-5.6	123	37.2	122	38.4	122	39.5	122	40.1	122	40.7	122	41.9
	-3.0	-3.7	129	38.2	128	39.3	128	40.4	128	41.0	128	41.5	127	42.6
	0.0	-0.7	139	39.7	138	40.7	138	41.7	138	42.2	138	42.7	138	43.8
	3.0	2.2	149	41.0	149	41.9	149	42.9	149	43.4	148	43.6	138	40.0
	5.0	4.1	157	41.8	156	42.7	156	43.6	153	42.8	148	41.1	138	37.8
	7.0	6.0	164	42.6	164	43.5	158	41.9	153	40.3	148	38.7	138	35.6
	9.0	7.9	173	43.3	168	42.5	158	39.5	153	38.0	148	36.6	138	33.7
	11.0	9.8	178	43.0	168	40.1	158	37.3	153	35.9	148	34.5	138	31.9
	13.0	11.8	178	40.5	168	37.8	158	35.1	153	33.9	148	32.6	138	30.1
	15.0	13.7	178	38.2	168	35.7	158	33.3	153	32.0	148	30.9	138	28.5

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1125)	-19.8	-20.0	89.1	32.0	88.8	33.5	88.6	34.9	88.5	35.6	88.3	36.4	88.1	37.8
	-18.8	-19.0	90.7	32.5	90.5	33.9	90.2	35.3	90.1	36.1	90.0	36.8	89.7	38.2
	-16.7	-17.0	94.3	33.5	94.0	34.9	93.8	36.2	93.6	36.9	93.5	37.6	93.3	39.0
	-13.7	-15.0	98.2	34.5	98.0	35.8	97.7	37.1	97.6	37.8	97.5	38.4	97.2	39.8
	-11.8	-13.0	102.6	35.5	102.3	36.8	102.1	38.1	102.0	38.7	101.8	39.3	101.6	40.6
	-9.8	-11.0	107	36.6	107	37.8	107	39.0	107	39.6	107	40.2	106	41.4
	-9.5	-10.0	110	37.1	110	38.2	109	39.4	109	40.0	109	40.6	109	41.7
	-8.5	-9.1	112	37.5	112	38.7	112	39.8	112	40.4	111	41.0	111	42.1
	-7.0	-7.6	116	38.3	116	39.4	116	40.5	116	41.0	116	41.6	115	42.7
	-5.0	-5.6	122	39.2	122	40.3	122	41.3	122	41.9	121	42.4	121	43.4
	-3.0	-3.7	128	40.1	128	41.1	128	42.1	127	42.6	127	43.1	124	42.4
	0.0	-0.7	138	41.5	138	42.4	138	43.3	138	43.8	133	42.1	124	38.7
	3.0	2.2	149	42.7	148	43.5	142	41.6	138	40.0	133	38.5	124	35.4
	5.0	4.1	156	43.4	151	42.2	142	39.2	138	37.7	133	36.3	124	33.4
	7.0	6.0	160	42.7	151	39.8	142	37.0	138	35.6	133	34.3	124	31.6
	9.0	7.9	160	40.2	151	37.6	142	34.9	138	33.7	133	32.4	124	29.9
	11.0	9.8	160	38.0	151	35.5	142	33.0	138	31.8	133	30.7	124	28.3
	13.0	11.8	160	35.8	151	33.5	142	31.2	138	30.1	133	29.0	124	26.8
	15.0	13.7	160	33.8	151	31.7	142	29.5	138	28.5	133	27.5	124	25.4
80% (1000)	-19.8	-20.0	88.6	34.8	88.4	36.1	88.2	37.4	88.0	38.1	87.9	38.7	87.7	40.0
	-18.8	-19.0	90.2	35.3	90.0	36.5	89.8	37.8	89.7	38.4	89.6	39.1	89.3	40.3
	-16.7	-17.0	93.8	36.2	93.6	37.4	93.3	38.6	93.2	39.2	93.1	39.8	92.9	41.0
	-13.7	-15.0	97.7	37.1	97.5	38.2	97.3	39.4	97.2	40.0	97.1	40.6	96.8	41.7
	-11.8	-13.0	102.1	38.0	101.9	39.1	101.6	40.2	101.5	40.8	101.4	41.3	101.2	42.4
	-9.8	-11.0	107	38.9	107	40.0	106	41.0	106	41.6	106	42.1	106	43.2
	-9.5	-10.0	109	39.4	109	40.4	109	41.4	109	42.0	109	42.5	108	43.5
	-8.5	-9.1	112	39.8	112	40.8	111	41.8	111	42.3	111	42.8	110	43.4
	-7.0	-7.6	116	40.4	116	41.4	115	42.4	115	42.9	115	43.4	110	41.5
	-5.0	-5.6	122	41.3	121	42.2	121	43.1	121	43.6	118	42.5	110	39.1
	-3.0	-3.7	128	42.1	127	43.0	126	43.4	122	41.8	118	40.1	110	36.9
	0.0	-0.7	138	43.3	135	42.6	126	39.6	122	38.1	118	36.6	110	33.7
	3.0	2.2	143	41.8	135	39.0	126	36.2	122	34.9	118	33.6	110	31.0
	5.0	4.1	143	39.4	135	36.8	126	34.2	122	33.0	118	31.7	110	29.3
	7.0	6.0	143	37.1	135	34.7	126	32.3	122	31.2	118	30.0	110	27.8
	9.0	7.9	143	35.1	135	32.8	126	30.6	122	29.5	118	28.4	110	26.3
	11.0	9.8	143	33.2	135	31.0	126	29.0	122	27.9	118	26.9	110	25.0
	13.0	11.8	143	31.3	135	29.3	126	27.4	122	26.4	118	25.5	110	23.6
	15.0	13.7	143	29.6	135	27.8	126	26.0	122	25.1	118	24.2	110	22.5
70% (875)	-19.8	-20.0	88.1	37.7	87.9	38.8	87.7	39.9	87.6	40.5	87.5	41.1	87.3	42.2
	-18.8	-19.0	89.7	38.1	89.5	39.2	89.4	40.3	89.3	40.8	89.2	41.4	89.0	42.5
	-16.7	-17.0	93.3	38.8	93.1	39.9	92.9	41.0	92.8	41.5	92.7	42.0	92.5	43.1
	-13.7	-15.0	97.2	39.6	97.1	40.7	96.9	41.7	96.8	42.2	96.7	42.7	96.4	43.7
	-11.8	-13.0	101.6	40.4	101.4	41.4	101.2	42.4	101.1	42.9	101.0	43.4	96.4	41.4
	-9.8	-11.0	106	41.2	106	42.2	106	43.1	106	43.6	103.5	42.6	96.4	39.1
	-9.5	-10.0	109	41.6	109	42.5	108	43.5	107	43.1	103.5	41.3	96.4	38.0
	-8.5	-9.1	111	42.0	111	42.9	111	43.6	107	41.9	103.5	40.3	96.4	37.1
	-7.0	-7.6	115	42.6	115	43.4	111	41.7	107	40.1	103.5	38.5	96.4	35.5
	-5.0	-5.6	121	43.3	118	42.3	111	39.3	107	37.8	103.5	36.3	96.4	33.5
	-3.0	-3.7	125	42.8	118	39.9	111	37.1	107	35.7	103.5	34.3	96.4	31.7
	0.0	-0.7	125	39.0	118	36.4	111	33.9	107	32.7	103.5	31.4	96.4	29.1
	3.0	2.2	125	35.7	118	33.4	111	31.1	107	30.0	103.5	28.9	96.4	26.7
	5.0	4.1	125	33.7	118	31.6	111	29.4	107	28.4	103.5	27.4	96.4	25.4
	7.0	6.0	125	31.9	118	29.8	111	27.9	107	26.9	103.5	25.9	96.4	24.1
	9.0	7.9	125	30.2	118	28.3	111	26.4	107	25.5	103.5	24.6	96.4	22.8
	11.0	9.8	125	28.6	118	26.8	111	25.1	107	24.2	103.5	23.4	96.4	21.7
	13.0	11.8	125	27.0	118	25.4	111	23.7	107	23.0	103.5	22.2	96.4	20.6
	15.0	13.7	125	25.6	118	24.1	111	22.6	107	21.8	103.5	21.1	96.4	19.6
60% (750)	-19.8	-20.0	87.6	40.5	87.5	41.5	87.3	42.4	87.2	42.9	87.1	43.4	82.6	41.0
	-18.8	-19.0	89.3	40.8	89.1	41.8	88.9	42.7	88.8	43.2	88.7	43.7	82.6	40.1
	-16.7	-17.0	92.8	41.5	92.6	42.4	92.5	43.3	91.8	43.3	88.7	41.6	82.6	38.2
	-13.7	-15.0	96.8	42.2	96.6	43.1	94.8	42.8	91.8	41.2	88.7	39.5	82.6	36.4
	-11.8	-13.0	101.1	42.9	100.9	43.7	94.8	40.5	91.8	39.0	88.7	37.5	82.6	34.5
	-9.8	-11.0	106	43.6	100.9	41.3	94.8	38.4	91.8	36.9	88.7	35.5	82.6	32.7
	-9.5	-10.0	107	43.0	100.9	40.1	94.8	37.3	91.8	35.9	88.7	34.5	82.6	31.8
	-8.5	-9.1	107	41.9	100.9	39.1	94.8	36.3	91.8	35.0	88.7	33.7	82.6	31.1
	-7.0	-7.6	107	40.1	100.9	37.4	94.8	34.8	91.8	33.5	88.7	32.3	82.6	29.8
	-5.0	-5.6	107	37.8	100.9	35.3	94.8	32.9	91.8	31.7	88.7	30.5	82.6	28.2
	-3.0	-3.7	107	35.7	100.9	33.4	94.8	31.1	91.8	30.0	88.7	28.9	82.6	26.7
	0.0	-0.7	107	32.6	100.9	30.6	94.8	28.5	91.8	27.5	88.7	26.5	82.6	24.6
	3.0	2.2	107	30.0	100.9	28.1	94.8	26.3	91.8	25.4	88.7	24.5	82.6	22.7
	5.0	4.1	107	28.4	100.9	26.6	94.8	24.9	91.8	24.1	88.7	23.2	82.6	21.6
	7.0	6.0	107	26.9	100.9	25.2	94.8	23.6	91.8	22.9	88.7	22.1	82.6	20.5
	9.0	7.9	107	25.5	100.9	24.0	94.8	22.5	91.8	21.7	88.7	21.0	82.6	19.5
	11.0	9.8	107	24.2	100.9	22.8	94.8	21.4	91.8	20.7	88.7	20.0	82.6	18.6
	13.0	11.8	107	22.9	100.9	21.6	94.8	20.3	91.8	19.6	88.7	19.0	82.6	17.7
	15.0	13.7	107	21.8	100.9	20.6	94.8	19.3	91.8	18.7	88.7	18.1	82.6	16.9
50% (625)	-19.8	-20.0	87.1	43.3	84.1	41.9	79.0	38.9	76.5	37.4	73.9	36.0	68.8	33.2
	-18.8	-19.0	88.8	43.6	84.1	40.9	79.0	38.0	76.5	36.6	73.9	35.2	68.8	32.5
	-16.7	-17.0	89.2	41.9	84.1	39.0	79.0	36.3	76.5	35.0	73.9	33.6	68.8	31.0
	-13.7	-15.0	89.2	39.8	84.1	37.1	79.0	34.5	76.5	33.3	73.9	32.0	68.8	29.6
	-11.8	-13.0	89.2	37.7	84.1	35.2	79.0	32.8	76.5	31.6	73.9	30.5	68.8	28.2
	-9.8	-11.0	89.2	35.7	84.1	33.4	79.0	31.1	76.5	30.0	73.9	28.9	68.8	26.7
	-9.5	-10.0	89.2	34.7	84.1	32.5	79.0	30.3	76.5	29.2	73.9	28.2	68.8	26.1
	-8.5	-9.1	89.2	33.9	84.1	31.7	79.0	29.6	76.5	28.5	73.9	27.5	68.8	25.5
	-7.0	-7.6	89.2	32.5	84.1	30.4	79.0	28.4	76.5	27.4	73.9	26.4	68.8	24.5
	-5.0	-5.6	89.2	30.7	84.1	28.7	79.0	26.9	76.5	25.9	73.9	25.0	68.8	23.2
	-3.0	-3.7	89.2	29.0	84.1	27.2	79.0	25.5	76.5	24.6	73.9	23.8	68.8	22.1
	0.0	-0.7	89.2	26.7	84.1	25.1	79.0	23.5	76.5	22.7	73.9	21.9	68.8	20.4
	3.0	2.2	89.2	24.6	84.1	23.1	79.0	21.7	76.5	21.0	73.9	20.3	68.8	18.9
	5.0	4.1	89.2	23.4	84.1	22.0	79.0	20.6	76.5	20.0	73.9	19.3	68.8	18.0
	7.0	6.0	89.2	22.2	84.1	20.9	79.0	19.6	76.5	19.0	73.9	18.4	68.8	17.2
	9.0	7.9	89.2	21.1	84.1	19.9	79.0	18.7	76.5	18.1	73.9	17.5	68.8	16.4
	11.0	9.8	89.2	20.1	84.1	18.9	79.0	17.8	76.5	17.3	73.9	16.7	68.8	15.7
	13.0	11.8	89.2	19.1	84.1	18.0	79.0	17.0	76.5	16.5	73.9	15.9	68.8	14.9
	15.0	13.7	89.2	18.2	84.1	17.2	79.0	16.2	76.5	15.7	73.9	15.3	68.8	14.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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RXYQ52PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1690)	-19.8	-20.0	93.6	21.2	93.2	23.4	92.8	25.5	92.6	26.6	92.4	27.7	92.1	29.9
	-18.8	-19.0	95.2	21.9	94.9	24.0	94.5	26.2	94.3	27.2	94.1	28.3	93.7	30.5
	-16.7	-17.0	98.9	23.4	98.5	25.4	98.1	27.5	98.0	28.5	97.8	29.6	97.4	31.6
	-13.7	-15.0	103.0	24.9	102.6	26.9	102.2	28.9	102.0	29.8	101.8	30.8	101.5	32.8
	-11.8	-13.0	107.4	26.5	107.1	28.3	106.7	30.2	106.5	31.2	106.3	32.1	105.9	34.0
	-9.8	-11.0	112	28.0	112	29.8	112	31.6	111	32.5	111	33.4	111	35.2
	-9.5	-10.0	115	28.7	115	30.5	114	32.2	114	33.1	114	34.0	113	35.8
	-8.5	-9.1	117	29.4	117	31.1	117	32.8	116	33.7	116	34.6	116	36.3
	-7.0	-7.6	122	30.5	121	32.2	121	33.8	121	34.7	120	35.5	120	37.1
	-5.0	-5.6	128	32.0	127	33.5	127	35.1	127	35.9	126	36.7	126	38.3
	-3.0	-3.7	134	33.3	133	34.8	133	36.3	133	37.0	133	37.8	132	39.3
	0.0	-0.7	144	35.3	144	36.7	143	38.1	143	38.8	143	39.4	142	40.8
	3.0	2.2	155	37.1	154	38.4	154	39.7	154	40.3	154	40.9	153	42.2
	5.0	4.1	162	38.2	162	39.4	162	40.6	162	41.2	161	41.9	161	43.1
	7.0	6.0	170	39.2	170	40.4	170	41.6	170	42.1	169	42.7	169	43.9
	9.0	7.9	179	40.2	178	41.3	178	42.5	178	43.0	178	43.6	177	44.7
	11.0	9.8	187	41.2	187	42.2	187	43.3	187	43.8	186	44.3	185	44.9
	13.0	11.8	197	42.1	197	43.1	196	44.1	196	44.6	196	45.1	185	42.2
	15.0	13.7	207	43.0	206	43.9	206	44.9	205	45.2	198	43.4	185	39.9
120% (1560)	-19.8	-20.0	93.1	24.1	92.7	26.1	92.4	28.1	92.2	29.1	92.0	30.2	91.7	32.2
	-18.8	-19.0	94.7	24.8	94.4	26.8	94.0	28.7	93.9	29.7	93.7	30.7	93.4	32.7
	-16.7	-17.0	98.4	26.2	98.0	28.1	97.7	30.0	97.5	30.9	97.4	31.9	97.0	33.7
	-13.7	-15.0	102.4	27.6	102.1	29.4	101.8	31.2	101.6	32.1	101.4	33.0	101.1	34.8
	-11.8	-13.0	106.9	29.0	106.6	30.7	106.2	32.5	106.1	33.3	105.9	34.2	105.5	35.9
	-9.8	-11.0	112	30.4	111	32.1	111	33.7	111	34.6	111	35.4	110	37.0
	-9.5	-10.0	114	31.1	114	32.7	114	34.3	114	35.2	113	36.0	113	37.6
	-8.5	-9.1	117	31.7	116	33.3	116	34.9	116	35.7	116	36.5	115	38.1
	-7.0	-7.6	121	32.8	121	34.3	120	35.8	120	36.6	120	37.3	120	38.9
	-5.0	-5.6	127	34.1	127	35.5	126	37.0	126	37.7	126	38.4	126	39.9
	-3.0	-3.7	133	35.3	133	36.7	132	38.1	132	38.8	132	39.5	132	40.8
	0.0	-0.7	143	37.2	143	38.4	143	39.7	143	40.4	142	41.0	142	42.3
	3.0	2.2	154	38.8	154	40.0	154	41.2	153	41.8	153	42.4	153	43.6
	5.0	4.1	162	39.8	162	41.0	161	42.1	161	42.7	161	43.2	161	44.3
	7.0	6.0	170	40.8	170	41.9	169	43.0	169	43.5	169	44.0	169	45.1
	9.0	7.9	178	41.7	178	42.8	178	43.8	177	44.3	177	44.8	170	43.3
	11.0	9.8	187	42.6	187	43.6	186	44.5	186	45.0	183	44.4	170	40.8
	13.0	11.8	197	43.5	196	44.4	196	45.2	189	43.5	183	41.8	170	38.4
	15.0	13.7	206	44.3	206	45.1	196	42.7	189	41.1	183	39.5	170	36.3
110% (1430)	-19.8	-20.0	92.6	27.1	92.2	28.9	91.9	30.7	91.8	31.7	91.6	32.6	91.3	34.4
	-18.8	-19.0	94.2	27.7	93.9	29.5	93.6	31.3	93.4	32.2	93.3	33.1	93.0	34.9
	-16.7	-17.0	97.9	28.9	97.6	30.7	97.3	32.4	97.1	33.3	96.9	34.2	96.6	35.9
	-13.7	-15.0	101.9	30.2	101.6	31.9	101.3	33.6	101.2	34.4	101.0	35.2	100.7	36.9
	-11.8	-13.0	106.4	31.5	106.1	33.1	105.8	34.7	105.6	35.5	105.5	36.3	105.2	37.9
	-9.8	-11.0	111	32.8	111	34.4	111	35.9	111	36.6	110	37.4	110	38.9
	-9.5	-10.0	114	33.5	114	35.0	113	36.4	113	37.2	113	37.9	113	39.4
	-8.5	-9.1	116	34.1	116	35.5	116	37.0	116	37.7	115	38.4	115	39.9
	-7.0	-7.6	121	35.0	120	36.4	120	37.8	120	38.5	120	39.2	119	40.6
	-5.0	-5.6	127	36.2	126	37.5	126	38.9	126	39.5	126	40.2	125	41.5
	-3.0	-3.7	133	37.3	132	38.6	132	39.9	132	40.5	132	41.1	131	42.4
	0.0	-0.7	143	39.0	143	40.2	142	41.4	142	42.0	142	42.5	142	43.7
	3.0	2.2	154	40.6	154	41.6	153	42.7	153	43.3	153	43.8	153	44.9
	5.0	4.1	161	41.5	161	42.5	161	43.6	161	44.1	161	44.6	156	43.9
	7.0	6.0	169	42.4	169	43.4	169	44.3	169	44.8	168	45.0	156	41.4
	9.0	7.9	178	43.2	177	44.2	177	45.1	174	44.2	168	42.4	156	39.0
	11.0	9.8	186	44.0	186	44.9	179	43.3	174	41.7	168	40.1	156	36.9
	13.0	11.8	196	44.8	191	43.9	179	40.8	174	39.2	168	37.7	156	34.8
	15.0	13.7	202	44.4	191	41.4	179	38.5	174	37.1	168	35.7	156	32.9
100% (1300)	-19.8	-20.0	92.1	30.0	91.8	31.7	91.5	33.4	91.3	34.2	91.2	35.0	90.9	36.7
	-18.8	-19.0	93.7	30.6	93.4	32.2	93.2	33.9	93.0	34.7	92.9	35.5	92.6	37.1
	-16.7	-17.0	97.4	31.7	97.1	33.3	96.8	34.9	96.7	35.7	96.5	36.5	96.2	38.0
	-13.7	-15.0	101.4	32.9	101.2	34.4	100.9	35.9	100.7	36.7	100.6	37.4	100.3	38.9
	-11.8	-13.0	105.9	34.1	105.6	35.5	105.3	37.0	105.2	37.7	105.1	38.4	104.8	39.9
	-9.8	-11.0	111	35.3	111	36.6	110	38.0	110	38.7	110	39.4	110	40.8
	-9.5	-10.0	113	35.8	113	37.2	113	38.5	113	39.2	113	39.9	112	41.2
	-8.5	-9.1	116	36.4	116	37.7	115	39.0	115	39.7	115	40.3	115	41.6
	-7.0	-7.6	120	37.2	120	38.5	119	39.8	119	40.4	119	41.0	119	42.3
	-5.0	-5.6	126	38.3	126	39.5	125	40.8	125	41.4	125	42.0	125	43.2
	-3.0	-3.7	132	39.4	132	40.5	132	41.7	131	42.2	131	42.8	131	44.0
	0.0	-0.7	142	40.9	142	42.0	142	43.0	142	43.6	142	44.1	141	45.2
	3.0	2.2	153	42.3	153	43.3	153	44.3	153	44.7	152	45.2	142	41.6
	5.0	4.1	161	43.1	161	44.1	160	45.0	158	44.4	153	42.6	142	39.2
	7.0	6.0	169	43.9	169	44.8	163	43.5	158	41.8	153	40.2	142	37.0
	9.0	7.9	177	44.7	173	44.2	163	41.0	158	39.5	153	37.9	142	35.0
	11.0	9.8	184	44.7	173	41.7	163	38.7	158	37.3	153	35.9	142	33.1
	13.0	11.8	184	42.0	173	39.2	163	36.5	158	35.1	153	33.8	142	31.2
	15.0	13.7	184	39.7	173	37.1	163	34.5	158	33.3	153	32.0	142	29.6

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1170)	-19.8	-20.0	91.6	32.9	91.3	34.5	91.0	36.0	90.9	36.7	90.8	37.5	90.5	39.0
	-18.8	-19.0	93.2	33.5	93.0	34.9	92.7	36.4	92.6	37.2	92.4	37.9	92.2	39.4
	-16.7	-17.0	96.9	34.5	96.6	35.9	96.4	37.3	96.2	38.0	96.1	38.8	95.8	40.2
	-13.7	-15.0	100.9	35.5	100.7	36.9	100.4	38.3	100.3	39.0	100.2	39.6	99.9	41.0
	-11.8	-13.0	105.4	36.6	105.2	37.9	104.9	39.2	104.8	39.9	104.6	40.5	104.4	41.8
	-9.8	-11.0	110	37.7	110	38.9	110	40.2	110	40.8	110	41.4	109	42.7
	-9.5	-10.0	113	38.2	113	39.4	112	40.6	112	41.2	112	41.8	112	43.1
	-8.5	-9.1	115	38.7	115	39.9	115	41.1	115	41.6	115	42.2	114	43.4
	-7.0	-7.6	120	39.5	119	40.6	119	41.7	119	42.3	119	42.9	119	44.0
	-5.0	-5.6	126	40.5	125	41.5	125	42.6	125	43.2	125	43.7	125	44.8
	-3.0	-3.7	132	41.4	131	42.4	131	43.5	131	44.0	131	44.5	128	44.0
	0.0	-0.7	142	42.8	142	43.7	141	44.7	141	45.2	137	43.7	128	40.2
	3.0	2.2	153	44.0	153	44.9	147	43.2	142	41.5	137	39.9	128	36.8
	5.0	4.1	160	44.8	156	43.8	147	40.7	142	39.2	137	37.7	128	34.7
	7.0	6.0	166	44.3	156	41.3	147	38.4	142	37.0	137	35.6	128	32.8
	9.0	7.9	166	41.8	156	39.0	147	36.3	142	34.9	137	33.6	128	31.1
	11.0	9.8	166	39.4	156	36.8	147	34.3	142	33.1	137	31.8	128	29.4
	13.0	11.8	166	37.1	156	34.7	147	32.4	142	31.2	137	30.1	128	27.8
	15.0	13.7	166	35.1	156	32.9	147	30.7	142	29.6	137	28.5	128	26.4
80% (1040)	-19.8	-20.0	91.0	35.9	90.8	37.2	90.6	38.6	90.5	39.2	90.4	39.9	90.1	41.3
	-18.8	-19.0	92.7	36.3	92.5	37.7	92.3	39.0	92.1	39.6	92.0	40.3	91.8	41.6
	-16.7	-17.0	96.4	37.3	96.1	38.5	95.9	39.8	95.8	40.4	95.7	41.1	95.5	42.3
	-13.7	-15.0	100.4	38.2	100.2	39.4	100.0	40.6	99.9	41.2	99.7	41.8	99.5	43.0
	-11.8	-13.0	104.9	39.2	104.7	40.3	104.4	41.5	104.3	42.1	104.2	42.6	104.0	43.8
	-9.8	-11.0	110	40.1	110	41.2	109	42.3	109	42.9	109	43.4	109	44.5
	-9.5	-10.0	112	40.6	112	41.7	112	42.7	112	43.3	112	43.8	111	44.9
	-8.5	-9.1	115	41.0	115	42.1	114	43.1	114	43.6	114	44.2	114	45.1
	-7.0	-7.6	119	41.7	119	42.7	119	43.7	118	44.2	118	44.7	114	43.1
	-5.0	-5.6	125	42.6	125	43.5	125	44.5	124	45.0	122	44.2	114	40.6
	-3.0	-3.7	131	43.4	131	44.3	130	45.1	126	43.4	122	41.7	114	38.3
	0.0	-0.7	141	44.6	139	44.3	130	41.1	126	39.5	122	38.0	114	35.0
	3.0	2.2	147	43.4	139	40.4	130	37.6	126	36.2	122	34.8	114	32.2
	5.0	4.1	147	40.9	139	38.2	130	35.5	126	34.2	122	32.9	114	30.4
	7.0	6.0	147	38.6	139	36.0	130	33.6	126	32.4	122	31.2	114	28.8
	9.0	7.9	147	36.4	139	34.1	130	31.8	126	30.6	122	29.5	114	27.3
	11.0	9.8	147	34.4	139	32.2	130	30.1	126	29.0	122	28.0	114	25.9
	13.0	11.8	147	32.5	139	30.4	130	28.4	126	27.4	122	26.5	114	24.6
	15.0	13.7	147	30.8	139	28.9	130	27.0	126	26.1	122	25.1	114	23.4
70% (910)	-19.8	-20.0	90.5	38.8	90.3	40.0	90.1	41.2	90.0	41.8	89.9	42.4	89.7	43.5
	-18.8	-19.0	92.2	39.2	92.0	40.4	91.8	41.5	91.7	42.1	91.6	42.7	91.4	43.8
	-16.7	-17.0	95.9	40.0	95.7	41.1	95.5	42.2	95.4	42.8	95.3	43.4	95.1	44.5
	-13.7	-15.0	99.9	40.9	99.7	41.9	99.5	43.0	99.4	43.5	99.3	44.0	99.1	45.1
	-11.8	-13.0	104.4	41.7	104.2	42.7	104.0	43.7	103.9	44.2	103.8	44.7	99.4	42.9
	-9.8	-11.0	109	42.5	109	43.5	109	44.5	109	44.9	106.8	44.2	99.4	40.6
	-9.5	-10.0	112	42.9	112	43.9	111	44.8	110	44.7	106.8	42.9	99.4	39.5
	-8.5	-9.1	114	43.3	114	44.2	114	45.2	110	43.5	106.8	41.8	99.4	38.5
	-7.0	-7.6	119	43.9	118	44.8	114	43.3	110	41.6	106.8	40.0	99.4	36.8
	-5.0	-5.6	125	44.7	121	43.9	114	40.8	110	39.2	106.8	37.7	99.4	34.8
	-3.0	-3.7	129	44.4	121	41.4	114	38.5	110	37.1	106.8	35.7	99.4	32.9
	0.0	-0.7	129	40.5	121	37.8	114	35.2	110	33.9	106.8	32.6	99.4	30.2
	3.0	2.2	129	37.1	121	34.7	114	32.3	110	31.1	106.8	30.0	99.4	27.8
	5.0	4.1	129	35.0	121	32.8	114	30.6	110	29.5	106.8	28.4	99.4	26.3
	7.0	6.0	129	33.1	121	31.0	114	28.9	110	27.9	106.8	26.9	99.4	25.0
	9.0	7.9	129	31.3	121	29.3	114	27.4	110	26.5	106.8	25.6	99.4	23.7
	11.0	9.8	129	29.7	121	27.8	114	26.0	110	25.1	106.8	24.3	99.4	22.6
	13.0	11.8	129	28.0	121	26.3	114	24.7	110	23.8	106.8	23.0	99.4	21.4
	15.0	13.7	129	26.6	121	25.0	114	23.4	110	22.7	106.8	21.9	99.4	20.4
60% (780)	-19.8	-20.0	90.0	41.8	89.9	42.8	89.7	43.8	89.6	44.3	89.5	44.8	85.2	42.6
	-18.8	-19.0	91.7	42.1	91.5	43.1	91.4	44.1	91.3	44.6	91.2	45.1	85.2	41.6
	-16.7	-17.0	95.4	42.8	95.2	43.8	95.0	44.7	94.7	45.0	91.5	43.2	85.2	39.7
	-13.7	-15.0	99.4	43.5	99.3	44.4	97.8	44.4	94.7	42.7	91.5	41.0	85.2	37.8
	-11.8	-13.0	103.9	44.2	103.7	45.1	97.8	42.1	94.7	40.5	91.5	38.9	85.2	35.9
	-9.8	-11.0	109	45.0	104.1	42.9	97.8	39.8	94.7	38.3	91.5	36.9	85.2	34.0
	-9.5	-10.0	110	44.7	104.1	41.6	97.8	38.7	94.7	37.3	91.5	35.8	85.2	33.1
	-8.5	-9.1	110	43.5	104.1	40.6	97.8	37.7	94.7	36.3	91.5	35.0	85.2	32.3
	-7.0	-7.6	110	41.6	104.1	38.8	97.8	36.1	94.7	34.8	91.5	33.5	85.2	30.9
	-5.0	-5.6	110	39.2	104.1	36.6	97.8	34.1	94.7	32.9	91.5	31.7	85.2	29.3
	-3.0	-3.7	110	37.0	104.1	34.6	97.8	32.3	94.7	31.1	91.5	30.0	85.2	27.8
	0.0	-0.7	110	33.9	104.1	31.7	97.8	29.6	94.7	28.6	91.5	27.6	85.2	25.5
	3.0	2.2	110	31.1	104.1	29.2	97.8	27.3	94.7	26.3	91.5	25.4	85.2	23.6
	5.0	4.1	110	29.5	104.1	27.6	97.8	25.9	94.7	25.0	91.5	24.1	85.2	22.4
	7.0	6.0	110	27.9	104.1	26.2	97.8	24.5	94.7	23.7	91.5	22.9	85.2	21.3
	9.0	7.9	110	26.5	104.1	24.9	97.8	23.3	94.7	22.5	91.5	21.8	85.2	20.3
	11.0	9.8	110	25.1	104.1	23.6	97.8	22.2	94.7	21.5	91.5	20.7	85.2	19.3
	13.0	11.8	110	23.8	104.1	22.4	97.8	21.1	94.7	20.4	91.5	19.7	85.2	18.4
	15.0	13.7	110	22.7	104.1	21.4	97.8	20.1	94.7	19.4	91.5	18.8	85.2	17.6
50% (650)	-19.8	-20.0	89.5	44.7	86.7	43.5	81.5	40.4	78.9	38.9	76.3	37.4	71.0	34.4
	-18.8	-19.0	91.2	45.0	86.7	42.5	81.5	39.5	78.9	38.0	76.3	36.6	71.0	33.7
	-16.7	-17.0	92.0	43.4	86.7	40.5	81.5	37.7	78.9	36.3	76.3	34.9	71.0	32.2
	-13.7	-15.0	92.0	41.3	86.7	38.5	81.5	35.9	78.9	34.6	76.3	33.3	71.0	30.7
	-11.8	-13.0	92.0	39.2	86.7	36.6	81.5	34.1	78.9	32.8	76.3	31.6	71.0	29.2
	-9.8	-11.0	92.0	37.1	86.7	34.7	81.5	32.3	78.9	31.2	76.3	30.0	71.0	27.8
	-9.5	-10.0	92.0	36.1	86.7	33.7	81.5	31.4	78.9	30.3	76.3	29.2	71.0	27.1
	-8.5	-9.1	92.0	35.2	86.7	32.9	81.5	30.7	78.9	29.6	76.3	28.5	71.0	26.4
	-7.0	-7.6	92.0	33.7	86.7	31.6	81.5	29.5	78.9	28.4	76.3	27.4	71.0	25.4
	-5.0	-5.6	92.0	31.8	86.7	29.8	81.5	27.9	78.9	26.9	76.3	26.0	71.0	24.1
	-3.0	-3.7	92.0	30.2	86.7	28.3	81.5	26.5	78.9	25.6	76.3	24.7	71.0	22.9
	0.0	-0.7	92.0	27.7	86.7	26.0	81.5	24.4	78.9	23.6	76.3	22.7	71.0	21.2
	3.0	2.2	92.0	25.5	86.7	24.0	81.5	22.5	78.9	21.8	76.3	21.1	71.0	19.6
	5.0	4.1	92.0	24.2	86.7	22.8	81.5	21.4	78.9	20.7	76.3	20.0	71.0	18.7
	7.0	6.0	92.0	23.0	86.7	21.7	81.5	20.4	78.9	19.7	76.3	19.1	71.0	17.8
	9.0	7.9	92.0	21.9	86.7	20.6	81.5	19.4	78.9	18.8	76.3	18.2	71.0	17.0
	11.0	9.8	92.0	20.8	86.7	19.7	81.5	18.5	78.9	17.9	76.3	17.4	71.0	16.3
	13.0	11.8	92.0	19.8	86.7	18.7	81.5	17.6	78.9	17.1	76.3	16.6	71.0	15.5
	15.0	13.7	92.0	18.9	86.7	17.9	81.5	16.8	78.9	16.3	76.3	15.8	71.0	14.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

RXYQ54PAY1, PAYL, PTL [50/60Hz] Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1755)	-19.8	-20.0	94.3	20.0	94.0	22.3	93.6	24.6	93.4	25.7	93.2	26.9	92.8	29.2
	-18.8	-19.0	96.0	20.8	95.6	23.0	95.3	25.3	95.1	26.4	94.9	27.5	94.5	29.8
	-16.7	-17.0	99.7	22.3	99.3	24.5	98.9	26.7	98.7	27.7	98.5	28.8	98.1	31.0
	-13.7	-15.0	103.8	23.9	103.4	26.0	103.0	28.1	102.8	29.1	102.6	30.2	102.2	32.2
	-11.8	-13.0	108.3	25.6	107.9	27.5	107.5	29.5	107.3	30.5	107.1	31.5	106.7	33.5
	-9.8	-11.0	113	27.2	113	29.1	112	31.0	112	31.9	112	32.9	112	34.8
	-9.5	-10.0	116	28.0	115	29.8	115	31.7	115	32.6	115	33.5	114	35.4
	-8.5	-9.1	118	28.7	118	30.5	117	32.3	117	33.2	117	34.1	117	35.9
	-7.0	-7.6	123	29.9	122	31.6	122	33.3	122	34.2	121	35.1	121	36.8
	-5.0	-5.6	129	31.4	128	33.0	128	34.7	128	35.5	127	36.4	127	38.0
	-3.0	-3.7	135	32.8	134	34.4	134	35.9	134	36.7	133	37.5	133	39.1
	0.0	-0.7	145	34.9	145	36.3	144	37.8	144	38.5	144	39.3	144	40.7
	3.0	2.2	156	36.8	156	38.1	155	39.5	155	40.2	155	40.8	154	42.2
	5.0	4.1	164	37.9	163	39.2	163	40.5	163	41.2	162	41.8	162	43.1
	7.0	6.0	172	39.1	171	40.3	171	41.5	171	42.1	171	42.7	170	43.9
	9.0	7.9	180	40.1	180	41.3	179	42.4	179	43.0	179	43.6	179	44.8
	11.0	9.8	189	41.1	188	42.2	188	43.3	188	43.9	188	44.4	187	45.5
	13.0	11.8	198	42.1	198	43.1	198	44.2	197	44.7	197	45.2	192	44.5
	15.0	13.7	208	43.0	208	44.0	207	45.0	207	45.5	206	45.8	192	42.1
120% (1620)	-19.8	-20.0	93.8	23.1	93.5	25.2	93.1	27.3	92.9	28.4	92.7	29.5	92.4	31.6
	-18.8	-19.0	95.5	23.8	95.1	25.9	94.8	28.0	94.6	29.0	94.4	30.1	94.1	32.1
	-16.7	-17.0	99.2	25.3	98.8	27.3	98.5	29.3	98.3	30.3	98.1	31.3	97.7	33.3
	-13.7	-15.0	103.3	26.7	102.9	28.7	102.5	30.6	102.4	31.5	102.2	32.5	101.8	34.4
	-11.8	-13.0	107.8	28.2	107.4	30.1	107.0	31.9	106.9	32.8	106.7	33.7	106.3	35.6
	-9.8	-11.0	113	29.7	112	31.5	112	33.2	112	34.1	112	35.0	111	36.7
	-9.5	-10.0	115	30.5	115	32.2	115	33.9	114	34.7	114	35.6	114	37.3
	-8.5	-9.1	118	31.1	117	32.8	117	34.5	117	35.3	117	36.1	116	37.8
	-7.0	-7.6	122	32.2	122	33.8	121	35.4	121	36.2	121	37.0	121	38.6
	-5.0	-5.6	128	33.6	128	35.2	127	36.7	127	37.4	127	38.2	127	39.7
	-3.0	-3.7	134	34.9	134	36.4	133	37.8	133	38.6	133	39.3	133	40.7
	0.0	-0.7	145	36.9	144	38.2	144	39.5	144	40.2	143	40.9	143	42.2
	3.0	2.2	155	38.6	155	39.9	155	41.1	155	41.7	154	42.3	154	43.6
	5.0	4.1	163	39.7	163	40.9	162	42.1	162	42.7	162	43.2	162	44.4
	7.0	6.0	171	40.7	171	41.8	170	43.0	170	43.5	170	44.1	170	45.2
	9.0	7.9	180	41.7	179	42.8	179	43.8	179	44.4	178	44.9	177	45.6
	11.0	9.8	188	42.6	188	43.6	188	44.6	187	45.2	187	45.7	177	43.1
	13.0	11.8	198	43.5	198	44.5	197	45.5	197	45.9	190	44.1	177	40.5
	15.0	13.7	207	44.3	207	45.3	203	45.0	197	43.3	190	41.6	177	38.3
110% (1485)	-19.8	-20.0	93.3	26.2	93.0	28.1	92.6	30.1	92.5	31.1	92.3	32.0	92.0	34.0
	-18.8	-19.0	95.0	26.9	94.7	28.8	94.3	30.7	94.2	31.6	94.0	32.6	93.7	34.5
	-16.7	-17.0	98.7	28.2	98.3	30.0	98.0	31.9	97.8	32.8	97.7	33.7	97.3	35.5
	-13.7	-15.0	102.7	29.5	102.4	31.3	102.1	33.1	101.9	33.9	101.8	34.8	101.4	36.6
	-11.8	-13.0	107.2	30.9	106.9	32.6	106.6	34.3	106.4	35.1	106.3	36.0	105.9	37.6
	-9.8	-11.0	112	32.3	112	33.9	111	35.5	111	36.3	111	37.1	111	38.7
	-9.5	-10.0	115	33.0	114	34.5	114	36.1	114	36.9	114	37.7	113	39.2
	-8.5	-9.1	117	33.6	117	35.1	117	36.6	116	37.4	116	38.2	116	39.7
	-7.0	-7.6	121	34.6	121	36.0	121	37.5	121	38.3	120	39.0	120	40.5
	-5.0	-5.6	127	35.9	127	37.3	127	38.7	127	39.4	127	40.1	126	41.5
	-3.0	-3.7	134	37.0	133	38.4	133	39.7	133	40.4	133	41.0	132	42.4
	0.0	-0.7	144	38.8	144	40.1	143	41.3	143	41.9	143	42.5	143	43.8
	3.0	2.2	155	40.4	155	41.6	154	42.7	154	43.3	154	43.9	154	45.0
	5.0	4.1	163	41.4	162	42.5	162	43.6	162	44.1	162	44.7	161	45.8
	7.0	6.0	171	42.4	170	43.4	170	44.4	170	44.9	170	45.5	162	43.6
	9.0	7.9	179	43.3	179	44.2	178	45.2	178	45.7	174	44.8	162	41.2
	11.0	9.8	188	44.1	187	45.0	186	45.7	180	44.0	174	42.3	162	38.9
	13.0	11.8	197	44.9	197	45.8	186	43.0	180	41.4	174	39.8	162	36.7
	15.0	13.7	207	45.7	198	43.7	186	40.6	180	39.1	174	37.6	162	34.7
100% (1350)	-19.8	-20.0	92.8	29.3	92.5	31.1	92.2	32.8	92.0	33.7	91.9	34.6	91.6	36.4
	-18.8	-19.0	94.5	29.9	94.2	31.6	93.9	33.4	93.7	34.2	93.6	35.1	93.3	36.8
	-16.7	-17.0	98.1	31.1	97.8	32.8	97.5	34.4	97.4	35.3	97.2	36.1	96.9	37.8
	-13.7	-15.0	102.2	32.4	101.9	33.9	101.6	35.5	101.5	36.3	101.3	37.1	101.0	38.7
	-11.8	-13.0	106.7	33.6	106.4	35.1	106.1	36.7	106.0	37.4	105.8	38.2	105.5	39.7
	-9.8	-11.0	112	34.9	111	36.3	111	37.8	111	38.5	111	39.2	110	40.7
	-9.5	-10.0	114	35.5	114	36.9	114	38.3	113	39.0	113	39.7	113	41.2
	-8.5	-9.1	117	36.0	116	37.4	116	38.8	116	39.5	116	40.2	115	41.6
	-7.0	-7.6	121	36.9	121	38.3	120	39.6	120	40.3	120	40.9	120	42.3
	-5.0	-5.6	127	38.1	127	39.4	126	40.6	126	41.3	126	41.9	126	43.2
	-3.0	-3.7	133	39.2	133	40.4	132	41.6	132	42.2	132	42.8	132	44.0
	0.0	-0.7	143	40.8	143	41.9	143	43.0	143	43.6	143	44.2	142	45.3
	3.0	2.2	154	42.3	154	43.3	154	44.3	154	44.9	154	45.4	148	43.9
	5.0	4.1	162	43.2	162	44.1	161	45.1	161	45.6	159	45.0	148	41.4
	7.0	6.0	170	44.0	170	45.0	170	45.9	164	44.1	159	42.4	148	39.0
	9.0	7.9	178	44.8	178	45.7	170	43.3	164	41.6	159	40.0	148	36.9
	11.0	9.8	187	45.6	180	44.0	170	40.9	164	39.3	159	37.8	148	34.9
	13.0	11.8	191	44.3	180	41.4	170	38.5	164	37.1	159	35.7	148	33.0
	15.0	13.7	191	41.9	180	39.1	170	36.4	164	35.1	159	33.8	148	31.2

1. This table indicates the situation of 50~130% combination of indoor units.
2. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp. (°CDB) 16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90% (1215)	-19.8	-20.0	92.2	32.4	92.0	34.0	91.7	35.6	91.6	36.4	91.4	37.2	91.2	38.8
	-18.8	-19.0	93.9	32.9	93.7	34.5	93.4	36.1	93.3	36.8	93.1	37.6	92.9	39.2
	-16.7	-17.0	97.6	34.0	97.3	35.5	97.1	37.0	96.9	37.8	96.8	38.5	96.5	40.0
	-13.7	-15.0	101.7	35.2	101.4	36.6	101.2	38.0	101.0	38.8	100.9	39.5	100.6	40.9
	-11.8	-13.0	106.2	36.3	105.9	37.7	105.7	39.0	105.5	39.7	105.4	40.4	105.1	41.8
	-9.8	-11.0	111	37.4	111	38.7	111	40.0	110	40.7	110	41.3	110	42.7
	-9.5	-10.0	114	38.0	113	39.2	113	40.5	113	41.2	113	41.8	113	43.1
	-8.5	-9.1	116	38.5	116	39.7	116	41.0	115	41.6	115	42.2	115	43.5
	-7.0	-7.6	120	39.3	120	40.5	120	41.7	120	42.3	120	42.9	119	44.1
	-5.0	-5.6	126	40.3	126	41.5	126	42.6	126	43.2	126	43.8	125	44.9
	-3.0	-3.7	133	41.3	132	42.4	132	43.5	132	44.0	132	44.6	131	45.7
	0.0	-0.7	143	42.8	143	43.8	142	44.8	142	45.3	142	45.8	133	42.4
	3.0	2.2	154	44.1	154	45.0	153	45.6	148	43.8	143	42.1	133	38.8
	5.0	4.1	162	44.9	161	45.8	153	43.0	148	41.3	143	39.8	133	36.6
	7.0	6.0	170	45.7	162	43.6	153	40.5	148	39.0	143	37.5	133	34.6
	9.0	7.9	172	44.1	162	41.1	153	38.3	148	36.9	143	35.5	133	32.8
	11.0	9.8	172	41.6	162	38.9	153	36.2	148	34.9	143	33.6	133	31.0
	13.0	11.8	172	39.2	162	36.6	153	34.2	148	32.9	143	31.7	133	29.4
	15.0	13.7	172	37.1	162	34.7	153	32.4	148	31.2	143	30.1	133	27.9
80% (1080)	-19.8	-20.0	91.7	35.5	91.5	36.9	91.2	38.3	91.1	39.1	91.0	39.8	90.8	41.2
	-18.8	-19.0	93.4	36.0	93.2	37.4	92.9	38.8	92.8	39.5	92.7	40.2	92.5	41.5
	-16.7	-17.0	97.1	37.0	96.8	38.3	96.6	39.6	96.5	40.3	96.4	41.0	96.1	42.3
	-13.7	-15.0	101.2	38.0	100.9	39.2	100.7	40.5	100.6	41.2	100.5	41.8	100.2	43.1
	-11.8	-13.0	105.7	39.0	105.4	40.2	105.2	41.4	105.1	42.0	105.0	42.6	104.7	43.9
	-9.8	-11.0	111	40.0	110	41.1	110	42.3	110	42.9	110	43.5	110	44.6
	-9.5	-10.0	113	40.5	113	41.6	113	42.7	113	43.3	112	43.9	112	45.0
	-8.5	-9.1	116	40.9	115	42.0	115	43.1	115	43.7	115	44.2	115	45.4
	-7.0	-7.6	120	41.6	120	42.7	119	43.8	119	44.3	119	44.8	118	45.5
	-5.0	-5.6	126	42.6	126	43.6	125	44.6	125	45.1	125	45.6	118	42.8
	-3.0	-3.7	132	43.4	132	44.4	132	45.4	131	45.8	127	44.0	118	40.4
	0.0	-0.7	142	44.7	142	45.6	136	43.4	131	41.7	127	40.1	118	37.0
	3.0	2.2	153	45.7	144	42.7	136	39.7	131	38.2	127	36.8	118	33.9
	5.0	4.1	153	43.1	144	40.3	136	37.5	131	36.1	127	34.8	118	32.1
	7.0	6.0	153	40.7	144	38.0	136	35.4	131	34.1	127	32.9	118	30.4
	9.0	7.9	153	38.4	144	35.9	136	33.5	131	32.3	127	31.1	118	28.8
	11.0	9.8	153	36.3	144	34.0	136	31.7	131	30.6	127	29.5	118	27.3
	13.0	11.8	153	34.3	144	32.1	136	30.0	131	29.0	127	27.9	118	25.9
	15.0	13.7	153	32.5	144	30.5	136	28.5	131	27.5	127	26.5	118	24.6
70% (945)	-19.8	-20.0	91.2	38.6	91.0	39.9	90.8	41.1	90.7	41.7	90.6	42.3	90.4	43.6
	-18.8	-19.0	92.9	39.0	92.7	40.3	92.5	41.5	92.4	42.1	92.3	42.7	92.0	43.9
	-16.7	-17.0	96.6	39.9	96.3	41.1	96.1	42.2	96.0	42.8	95.9	43.4	95.7	44.6
	-13.7	-15.0	100.6	40.8	100.4	41.9	100.2	43.0	100.1	43.6	100.0	44.1	99.8	45.2
	-11.8	-13.0	105.1	41.6	104.9	42.7	104.7	43.8	104.6	44.3	104.5	44.9	103.4	45.3
	-9.8	-11.0	110	42.5	110	43.5	110	44.6	110	45.1	109.4	45.6	103.4	42.8
	-9.5	-10.0	113	43.0	112	44.0	112	44.9	112	45.4	111.0	45.3	103.4	41.6
	-8.5	-9.1	115	43.3	115	44.3	115	45.3	115	45.8	111.0	44.1	103.4	40.6
	-7.0	-7.6	119	44.0	119	44.9	119	45.7	115	43.9	111.0	42.2	103.4	38.9
	-5.0	-5.6	125	44.8	125	45.7	119	43.0	115	41.4	111.0	39.8	103.4	36.7
	-3.0	-3.7	132	45.6	126	43.7	119	40.6	115	39.1	111.0	37.6	103.4	34.7
	0.0	-0.7	134	42.7	126	39.9	119	37.1	115	35.8	111.0	34.4	103.4	31.8
	3.0	2.2	134	39.1	126	36.6	119	34.1	115	32.9	111.0	31.7	103.4	29.3
	5.0	4.1	134	36.9	126	34.6	119	32.2	115	31.1	111.0	30.0	103.4	27.8
	7.0	6.0	134	34.9	126	32.7	119	30.5	115	29.5	111.0	28.4	103.4	26.4
	9.0	7.9	134	33.0	126	31.0	119	28.9	115	27.9	111.0	27.0	103.4	25.0
	11.0	9.8	134	31.3	126	29.4	119	27.5	115	26.5	111.0	25.6	103.4	23.8
	13.0	11.8	134	29.6	126	27.8	119	26.0	115	25.1	111.0	24.3	103.4	22.6
	15.0	13.7	134	28.1	126	26.4	119	24.7	115	23.9	111.0	23.1	103.4	21.5
60% (810)	-19.8	-20.0	90.7	41.7	90.5	42.8	90.3	43.9	90.2	44.4	90.1	44.9	88.6	44.9
	-18.8	-19.0	92.4	42.1	92.2	43.1	92.0	44.2	91.9	44.7	91.8	45.2	88.6	43.9
	-16.7	-17.0	96.0	42.8	95.9	43.8	95.7	44.8	95.6	45.3	95.2	45.6	88.6	41.9
	-13.7	-15.0	100.1	43.6	99.9	44.5	99.8	45.5	98.4	45.1	95.2	43.3	88.6	39.9
	-11.8	-13.0	104.6	44.3	104.4	45.2	101.7	44.4	98.4	42.7	95.2	41.1	88.6	37.8
	-9.8	-11.0	110	45.1	108.2	45.2	101.7	42.0	98.4	40.4	95.2	38.9	88.6	35.9
	-9.5	-10.0	112	45.5	108.2	43.9	101.7	40.8	98.4	39.3	95.2	37.8	88.6	34.9
	-8.5	-9.1	115	45.8	108.2	42.8	101.7	39.8	98.4	38.3	95.2	36.9	88.6	34.0
	-7.0	-7.6	115	43.9	108.2	41.0	101.7	38.1	98.4	36.7	95.2	35.4	88.6	32.7
	-5.0	-5.6	115	41.4	108.2	38.7	101.7	36.0	98.4	34.7	95.2	33.4	88.6	30.9
	-3.0	-3.7	115	39.1	108.2	36.6	101.7	34.1	98.4	32.9	95.2	31.6	88.6	29.3
	0.0	-0.7	115	35.8	108.2	33.5	101.7	31.2	98.4	30.2	95.2	29.1	88.6	26.9
	3.0	2.2	115	32.8	108.2	30.8	101.7	28.8	98.4	27.8	95.2	26.8	88.6	24.9
	5.0	4.1	115	31.1	108.2	29.2	101.7	27.3	98.4	26.4	95.2	25.4	88.6	23.7
	7.0	6.0	115	29.5	108.2	27.7	101.7	25.9	98.4	25.0	95.2	24.2	88.6	22.5
	9.0	7.9	115	27.9	108.2	26.3	101.7	24.6	98.4	23.8	95.2	23.0	88.6	21.4
	11.0	9.8	115	26.5	108.2	24.9	101.7	23.4	98.4	22.6	95.2	21.9	88.6	20.4
	13.0	11.8	115	25.1	108.2	23.7	101.7	22.2	98.4	21.5	95.2	20.8	88.6	19.4
	15.0	13.7	115	23.9	108.2	22.5	101.7	21.2	98.4	20.5	95.2	19.8	88.6	18.5
50% (675)	-19.8	-20.0	90.2	44.8	90.0	45.7	84.8	42.6	82.0	41.0	79.3	39.4	73.9	36.3
	-18.8	-19.0	91.8	45.1	90.2	44.8	84.8	41.7	82.0	40.1	79.3	38.6	73.9	35.6
	-16.7	-17.0	95.5	45.7	90.2	42.8	84.8	39.8	82.0	38.3	79.3	36.8	73.9	34.0
	-13.7	-15.0	95.6	43.6	90.2	40.7	84.8	37.8	82.0	36.5	79.3	35.1	73.9	32.4
	-11.8	-13.0	95.6	41.3	90.2	38.6	84.8	35.9	82.0	34.6	79.3	33.4	73.9	30.8
	-9.8	-11.0	95.6	39.1	90.2	36.6	84.8	34.1	82.0	32.9	79.3	31.7	73.9	29.3
	-9.5	-10.0	95.6	38.0	90.2	35.6	84.8	33.2	82.0	32.0	79.3	30.8	73.9	28.6
	-8.5	-9.1	95.6	37.1	90.2	34.7	84.8	32.4	82.0	31.2	79.3	30.1	73.9	27.9
	-7.0	-7.6	95.6	35.6	90.2	33.3	84.8	31.1	82.0	30.0	79.3	28.9	73.9	26.8
	-5.0	-5.6	95.6	33.6	90.2	31.5	84.8	29.4	82.0	28.4	79.3	27.4	73.9	25.4
	-3.0	-3.7	95.6	31.8	90.2	29.8	84.8	27.9	82.0	27.0	79.3	26.0	73.9	24.2
	0.0	-0.7	95.6	29.2	90.2	27.5	84.8	25.7	82.0	24.9	79.3	24.0	73.9	22.3
	3.0	2.2	95.6	27.0	90.2	25.3	84.8	23.8	82.0	23.0	79.3	22.2	73.9	20.7
	5.0	4.1	95.6	25.6	90.2	24.1	84.8	22.6	82.0	21.9	79.3	21.2	73.9	19.7
	7.0	6.0	95.6	24.3	90.2	22.9	84.8	21.5	82.0	20.8	79.3	20.1	73.9	18.8
	9.0	7.9	95.6	23.1	90.2	21.8	84.8	20.5	82.0	19.8	79.3	19.2	73.9	18.0
	11.0	9.8	95.6	22.0	90.2	20.7	84.8	19.5	82.0	18.9	79.3	18.3	73.9	17.1
	13.0	11.8	95.6	20.9	90.2	19.7	84.8	18.6	82.0	18.0	79.3	17.5	73.9	16.4
	15.0	13.7	95.6	19.9	90.2	18.8	84.8	17.8	82.0	17.2	79.3	16.7	73.9	15.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Note1: ▒ is shown as reference.
When selecting the unit models, avoid the outdoor air temperature range shown by ▒.
Note2: The above table shows the average value of conditions which may occur.

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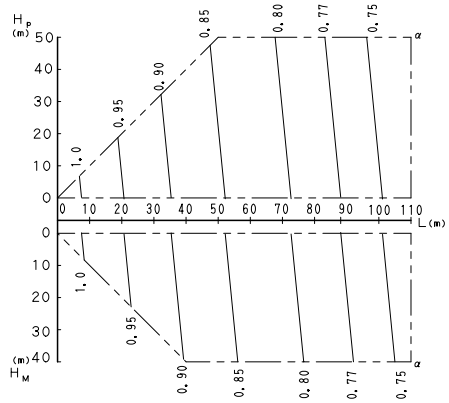
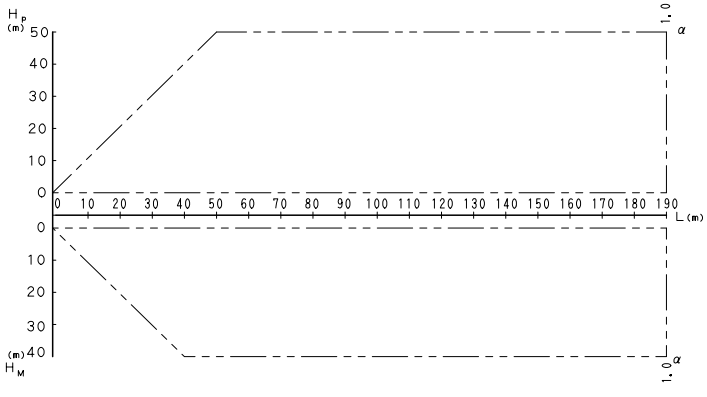
9.3 Capacity Correction Factor (RXYQ-P(A))

RXYQ5PAY1
RXYQ5PAYL
RXYQ5PTL

1. Rate of change in cooling capacity



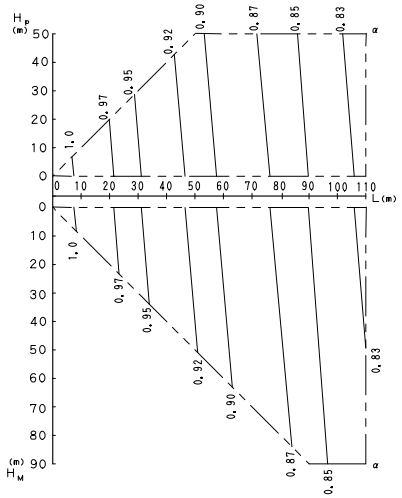
2. Rate of change in heating capacity



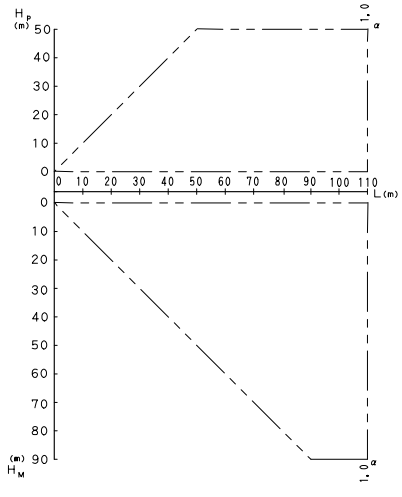
C: 3D053163D

RXYQ8PAY1
RXYQ8PAYL
RXYQ8PTL

1. Rate of change in cooling capacity



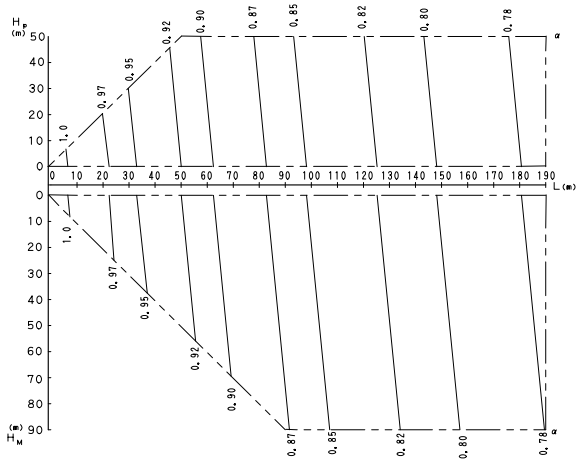
2. Rate of change in heating capacity



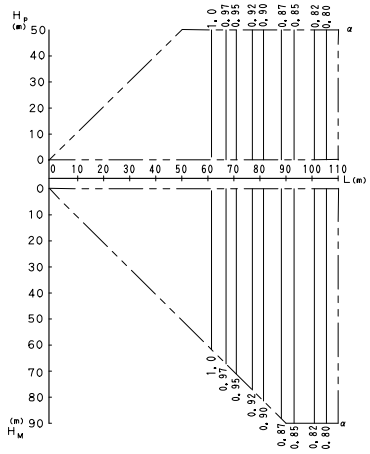
C: 3D053164H

RXYQ10PAY1
RXYQ10PAYL
RXYQ10PTL

1. Rate of change in cooling capacity



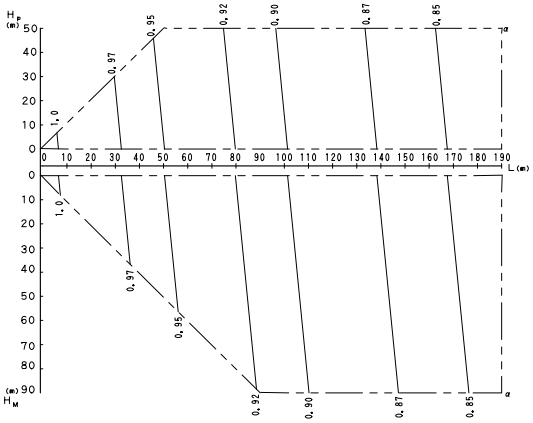
2. Rate of change in heating capacity



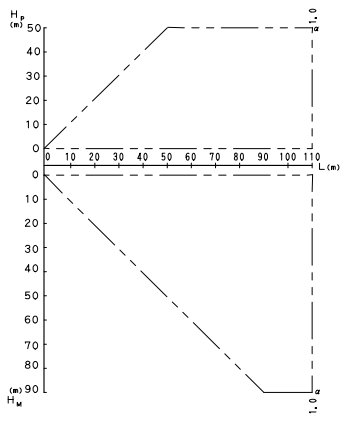
C: 3D053165H

RXYQ12/14/24/36PAY1
RXYQ12/14/24/36PAYL
RXYQ12/14/24/36PTL

1. Rate of change in cooling capacity



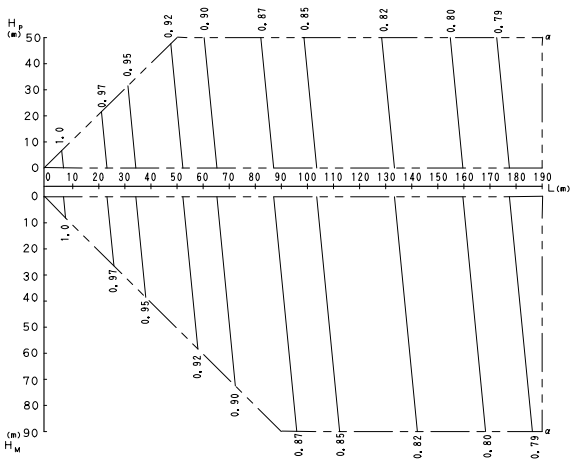
2. Rate of change in heating capacity



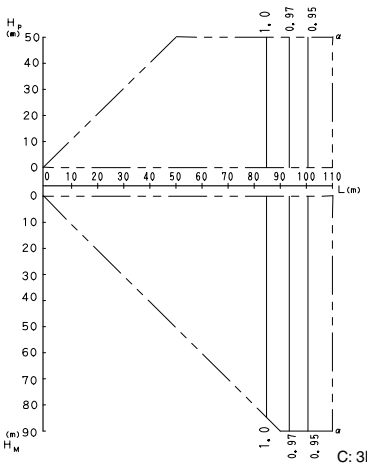
C: 3D053166J

RXYQ16PAY1
RXYQ16PAYL
RXYQ16PTL

1. Rate of change in cooling capacity



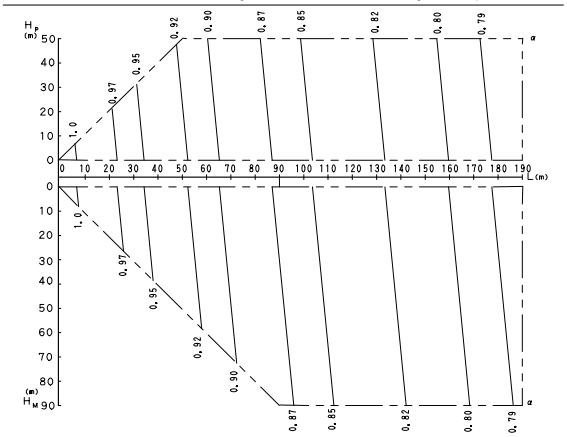
2. Rate of change in heating capacity



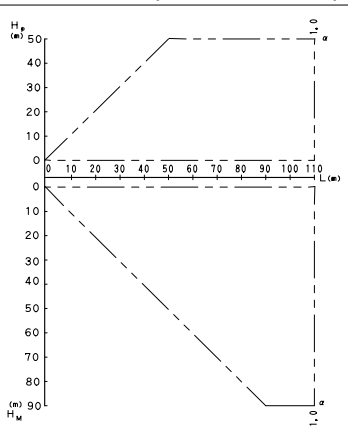
C: 3D053167K

RXYQ18/26/28/30/38/40/42/44PAY1
RXYQ18/26/28/30/38/40/42/44PAYL
RXYQ18/26/28/30/38/40/42/44PTL

1. Rate of change in cooling capacity



2. Rate of change in heating capacity

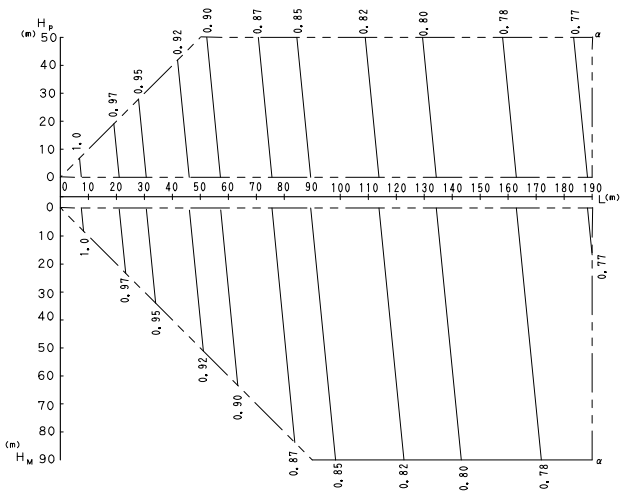


C: 3D053168G

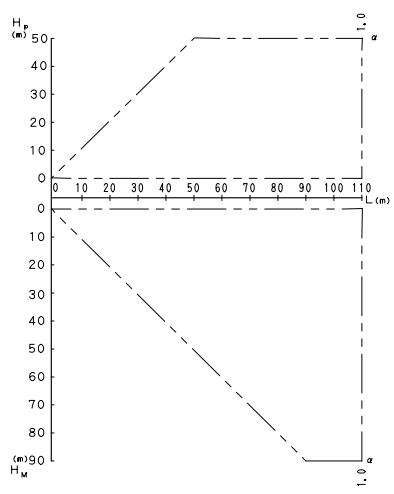
14

RXYQ22PAY1
RXYQ22PAYL
RXYQ22PTL

1. Rate of change in cooling capacity



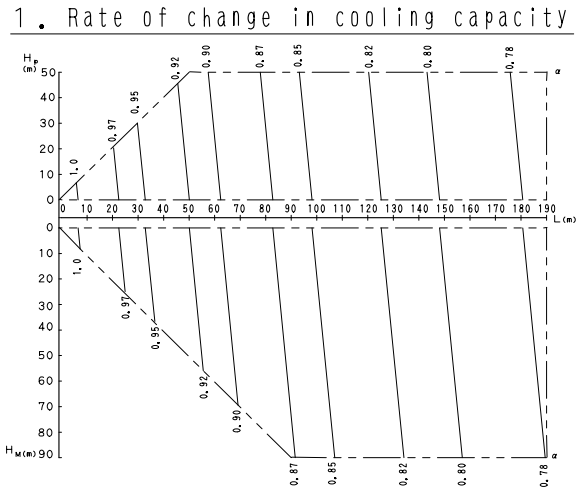
2. Rate of change in heating capacity



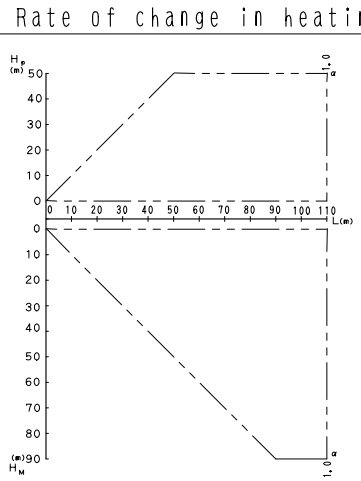
C: 3D053169G

RXYQ20/32/34PAY1
RXYQ20/32/34PAYL
RXYQ20/32/34PTL

1. Rate of change in cooling capacity



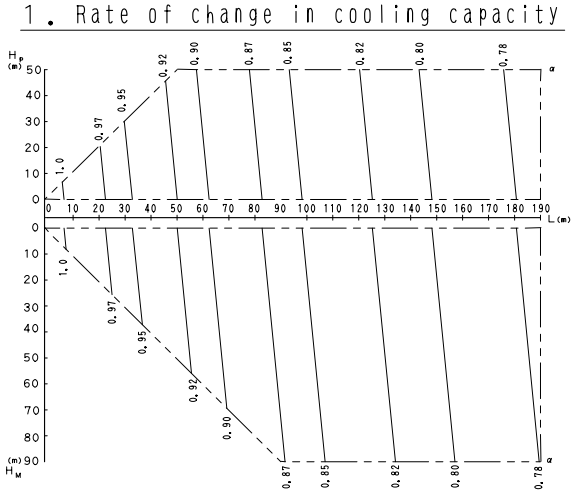
2. Rate of change in heating capacity



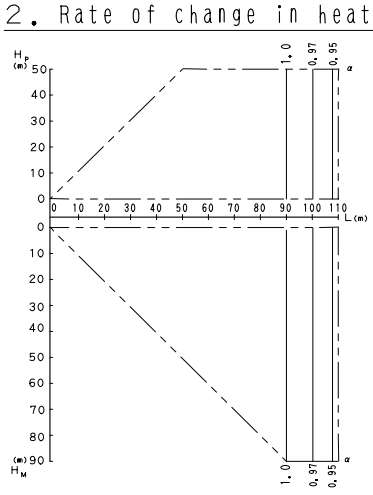
C: 3D053170G

RXYQ46PAY1
RXYQ46PAYL
RXYQ46PTL

1. Rate of change in cooling capacity



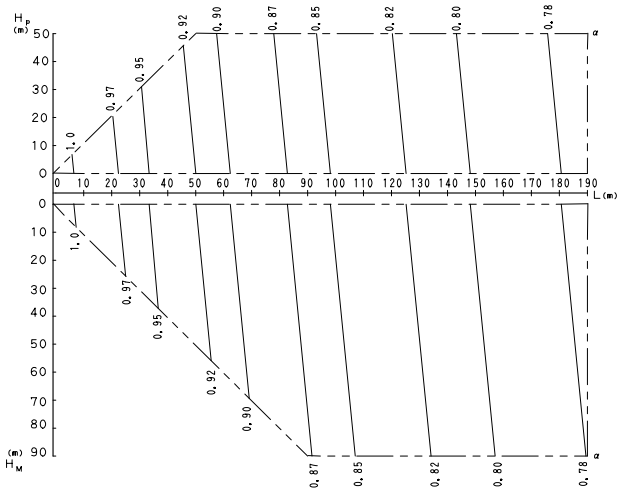
2. Rate of change in heating capacity



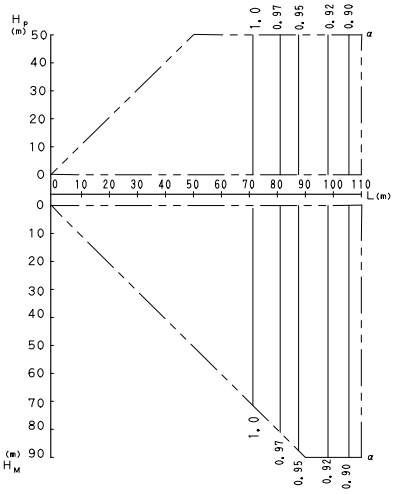
C: 3D053171G

RXYQ48PAY1
RXYQ48PAYL
RXYQ48PTL

1. Rate of change in cooling capacity



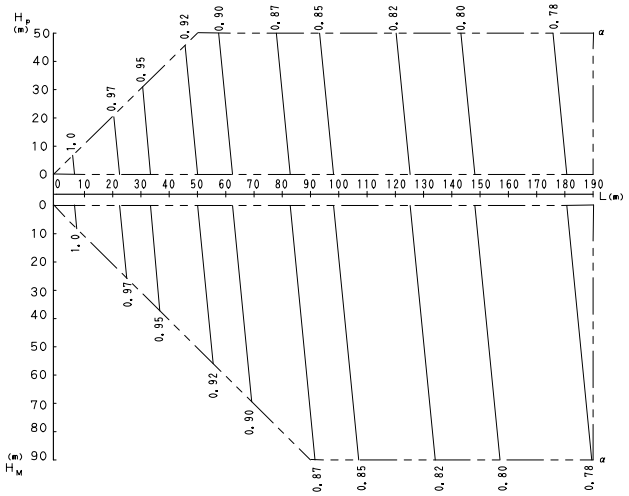
2. Rate of change in heating capacity



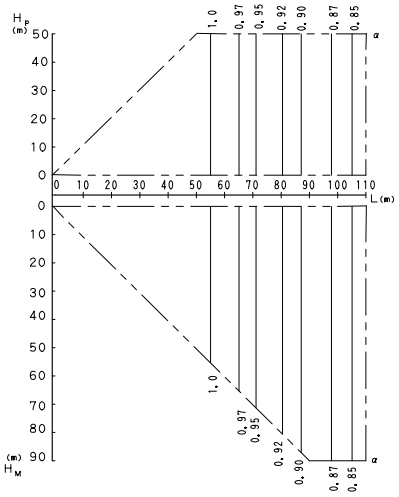
C: 3D053172G

RXYQ50PAY1
RXYQ50PAYL
RXYQ50PTL

1. Rate of change in cooling capacity



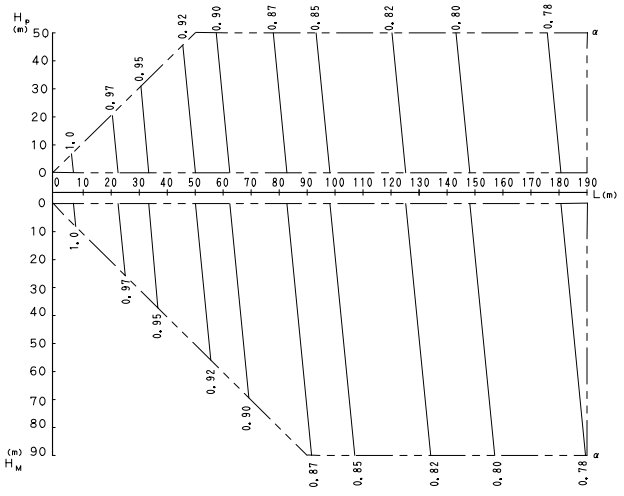
2. Rate of change in heating capacity



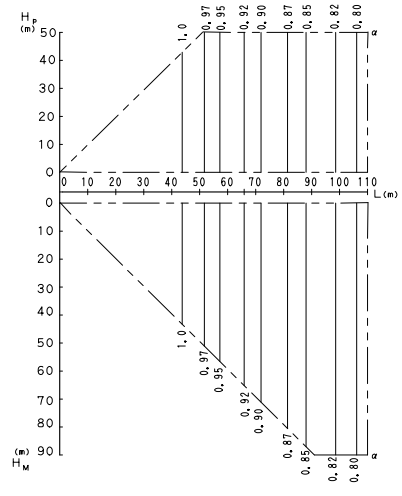
C: 3D053173E

RXYQ52PAY1
RXYQ52PAYL
RXYQ52PTL

1. Rate of change in cooling capacity



2. Rate of change in heating capacity

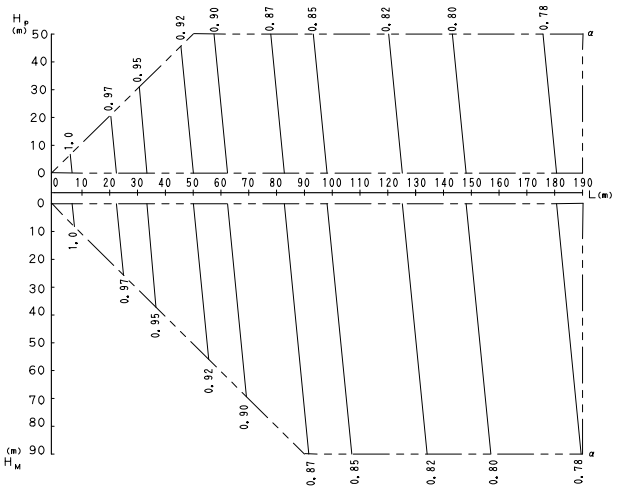


C: 3D053174E

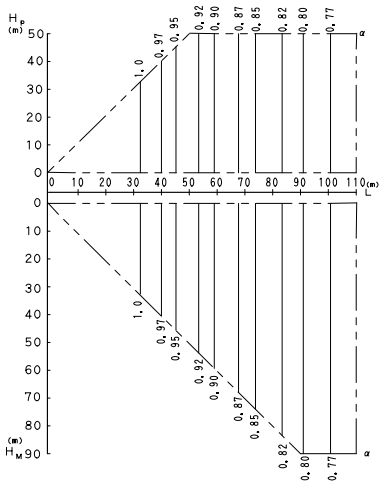
14

RXYQ54PAY1
RXYQ54PAYL
RXYQ54PTL

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



C: 3D053175E

[Explanation of symbols]

H_P : Level difference (m) between indoor and outdoor units where indoor unit in inferior position

H_M : Level difference (m) between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length (m)

α : Rate of change in cooling/heating capacity

[Diameters of the main pipes (Standard size)]

Model	Gas	Liquid
RXYQ5PAY1, PAYL, PTL	ϕ15.9	ϕ9.5
RXYQ8PAY1, PAYL, PTL	ϕ19.1	ϕ9.5
RXYQ10PAY1, PAYL, PTL	ϕ22.2	ϕ9.5
RXYQ12PAY1, PAYL, PTL	ϕ28.6	ϕ12.7
RXYQ14PAY1, PAYL, PTL	ϕ28.6	ϕ12.7
RXYQ16PAY1, PAYL, PTL	ϕ28.6	ϕ12.7

Model	Gas	Liquid
RXYQ18PAY1, PAYL, PTL	ϕ28.6	ϕ15.9
RXYQ20PAY1, PAYL, PTL	ϕ28.6	ϕ15.9
RXYQ22PAY1, PAYL, PTL	ϕ28.6	ϕ15.9
RXYQ24PAY1, PAYL, PTL	ϕ34.9	ϕ15.9
RXYQ26PAY1, PAYL, PTL	ϕ34.9	ϕ19.1
RXYQ28PAY1, PAYL, PTL	ϕ34.9	ϕ19.1

Model	Gas	Liquid
RXYQ30PAY1, PAYL, PTL	ϕ34.9	ϕ19.1
RXYQ32PAY1, PAYL, PTL	ϕ34.9	ϕ19.1
RXYQ34PAY1, PAYL, PTL	ϕ34.9	ϕ19.1
RXYQ36PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ38PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ40PAY1, PAYL, PTL	ϕ41.3	ϕ19.1

Model	Gas	Liquid
RXYQ42PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ44PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ46PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ48PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ50PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ52PAY1, PAYL, PTL	ϕ41.3	ϕ19.1
RXYQ54PAY1, PAYL, PTL	ϕ41.3	ϕ19.1

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating A/C (cooling/heating) capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned bellow, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

■ Diameter of above case

Model	Gas	Liquid
RXYQ5PAY1, PAYL, PTL	ϕ19.1	Not Increased
RXYQ8PAY1, PAYL, PTL	ϕ22.2	ϕ12.7
RXYQ10PAY1, PAYL, PTL	ϕ25.4*	ϕ12.7
RXYQ12PAY1, PAYL, PTL	Not Increased	ϕ15.9
RXYQ14PAY1, PAYL, PTL	Not Increased	ϕ15.9
RXYQ16PAY1, PAYL, PTL	ϕ31.8*	ϕ15.9

Model	Gas	Liquid
RXYQ18PAY1, PAYL, PTL	ϕ31.8*	ϕ19.1
RXYQ20PAY1, PAYL, PTL	ϕ31.8*	ϕ19.1
RXYQ22PAY1, PAYL, PTL	ϕ31.8*	ϕ19.1
RXYQ24PAY1, PAYL, PTL	Not Increased	ϕ19.1
RXYQ26PAY1, PAYL, PTL	ϕ38.1*	ϕ22.2
RXYQ28PAY1, PAYL, PTL	ϕ38.1*	ϕ22.2

Model	Gas	Liquid
RXYQ30PAY1, PAYL, PTL	ϕ38.1*	ϕ22.2
RXYQ32PAY1, PAYL, PTL	ϕ38.1*	ϕ22.2
RXYQ34PAY1, PAYL, PTL	ϕ38.1*	ϕ22.2
RXYQ36PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ38PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ40PAY1, PAYL, PTL	Not Increased	ϕ22.2

Model	Gas	Liquid
RXYQ42PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ44PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ46PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ48PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ50PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ52PAY1, PAYL, PTL	Not Increased	ϕ22.2
RXYQ54PAY1, PAYL, PTL	Not Increased	ϕ22.2

*If available on the site, use this size. Otherwise it can not be increased.

(Unit: mm)

Temper grade	O Type				1/2 Type							
Outer diameter	ϕ6.4	ϕ9.5	ϕ12.7	ϕ15.9	ϕ19.1	ϕ22.2	ϕ25.4	ϕ28.6	ϕ31.8	ϕ34.9	ϕ38.1	ϕ41.3
Minimum Wall Thickness	0.80	0.80	0.80	0.99	0.80	0.80	0.88	0.99	1.10	1.21	1.32	1.43

5. Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.

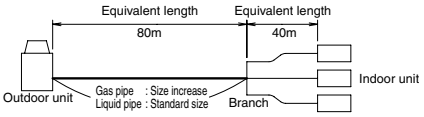
Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.

- When cooling capacity is calculated : gas pipe size
- When heating capacity is calculated : liquid pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	

(Example) RXYQ5PAY1, PAYL, PTL

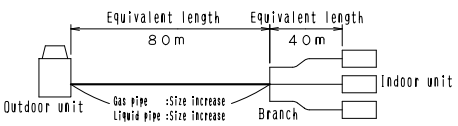


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×1.0+40m=120m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.79
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example) RXYQ8PAY1, PAYL, PTL

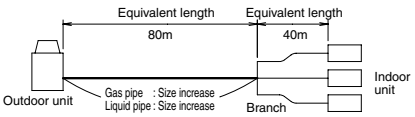


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×0.2+40m=56m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.86
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example) RXYQ10PAY1, PAYL, PTL

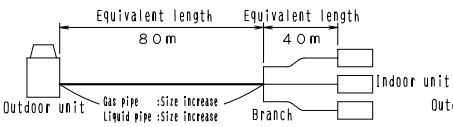


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×0.2+40m=56m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.87
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.3

(Example) RXYQ16PAY1, PAYL, PTL

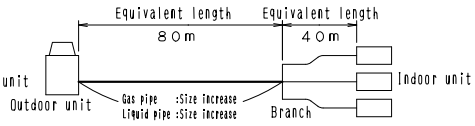


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×0.3+40m=64m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.88
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ22PAY1, PAYL, PTL

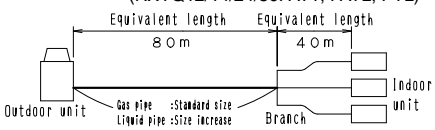


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×0.4+40m=72m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.86
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		12・14HP	24・36HP
Cooling (gas pipe)	1.0		
Heating (liquid pipe)	1.0	0.3	0.4

(Example) RXYQ24PAY1, PAYL, PTL
(RXYQ12/14/24/36PAY1, PAYL, PTL)



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.88
heating capacity when Hp=0m is thus approximately 1.00

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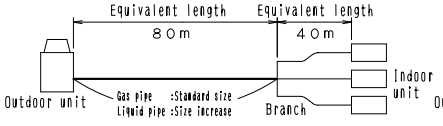
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ38PAY1, PAYL, PTL
(RXYQ18/26/28/30/38/40/42/44PAY1, PAYL, PTL)

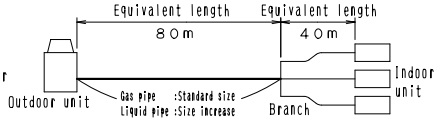


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.83
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ32PAY1, PAYL, PTL
(RXYQ20/32/34PAY1, PAYL, PTL)

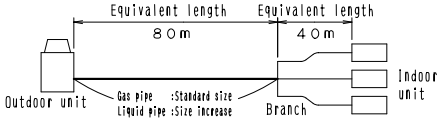


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
(Heating) Overall equivalent length=80m×0.4+40m=72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.87
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ46PAY1, PAYL, PTL

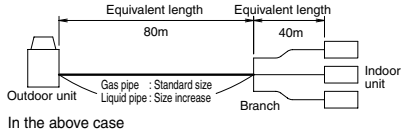


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.82
heating capacity when Hp=0m is thus approximately 1.00

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ48PAY1, PAYL, PTL

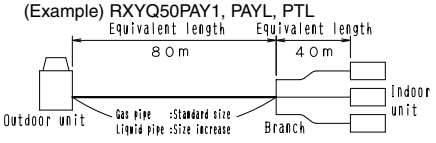


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m=72m

The rate of change in
cooling capacity when Hp=0m is thus approximately 0.82
heating capacity when Hp=0m is thus approximately 0.99

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ50PAY1, PAYL, PTL

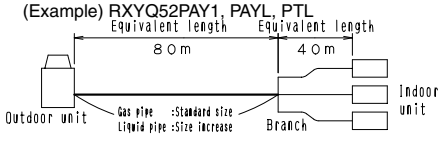


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.82
heating capacity when Hp=0m is thus approximately 0.95

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ52PAY1, PAYL, PTL

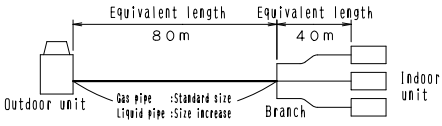


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.82
heating capacity when Hp=0m is thus approximately 0.90

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.4

(Example) RXYQ54PAY1, PAYL, PTL



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
(Heating) Overall equivalent length=80m×0.4+40m= 72m

The rete of change in
cooling capacity when Hp=0m is thus approximately 0.82
heating capacity when Hp=0m is thus approximately 0.85

6. If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

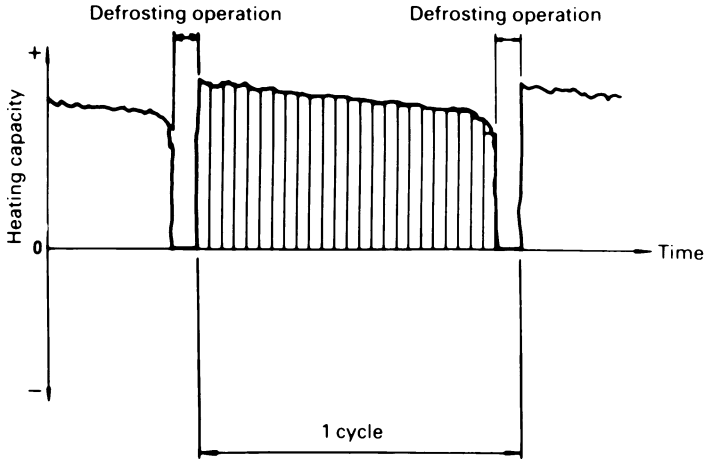
9.4 Notes for Heating Capacity Characteristics

■ The tables do not take account of the reduction in capacity when frost has accumulated or while the defrosting operation is in progress.
The capacity values which take these factors into account, in other words the integrated heating capacity values, can be calculated as follows:

Formula
Integrated heating capacity = A
Value given in table of capacity characteristics = B
Integrating correction factor for frost accumulation = C
A=B×C

■ Correction factor for finding integrated heating capacity

Inlet Port Temperature of Heat Exchanger (°C / RH 85%)	-7	-5	-3	0	3	5	7
Integrating Correction Factor for Frost Accumulation	0.95	0.93	0.88	0.84	0.85	0.90	1.00



Note:
It will be seen from the figure above that the integrated heating capacity expresses the integrated heating capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

■ Please take note that when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger there will always be a temporary reduction in capacity although this will, of course, vary in degree in accordance with a number of other factors such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.

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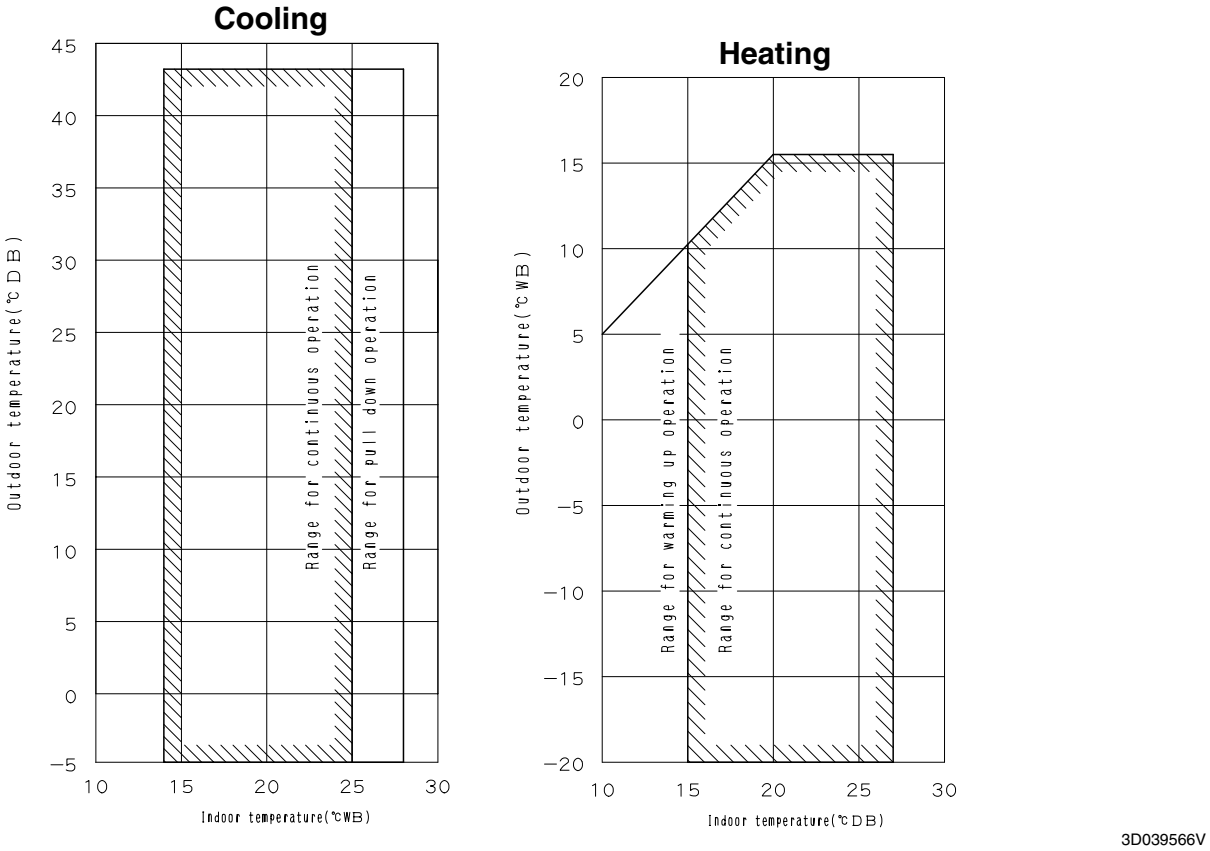
10. Operation Limits



Note:
These figures assume the following operating conditions:
Indoor and outdoor units:
Equivalent pipe length: 7.5m
Level difference: 0m

11. Sound Levels

11.1 50Hz

Overall

dB(A)

Power Supply / Model	Y1: 380-415V, 50Hz
RXYQ5PAY1	54
RXYQ8PAY1	57
RXYQ10PAY1	58
RXYQ12PAY1	60
RXYQ14PAY1	60
RXYQ16PAY1	60
RXYQ18PAY1	63
RXYQ20PAY1	62
RXYQ22PAY1	62

dB(A)

Power Supply / Model	Y1: 380-415V, 50Hz
RXYQ24PAY1	62
RXYQ26PAY1	64
RXYQ28PAY1	64
RXYQ30PAY1	65
RXYQ32PAY1	63
RXYQ34PAY1	65
RXYQ36PAY1	66
RXYQ38PAY1	65
RXYQ40PAY1	64

dB(A)

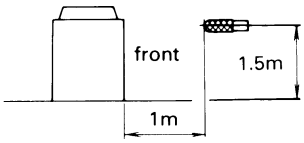
Power Supply / Model	Y1: 380-415V, 50Hz
RXYQ42PAY1	65
RXYQ44PAY1	67
RXYQ46PAY1	67
RXYQ48PAY1	67
RXYQ50PAY1	67
RXYQ52PAY1	67
RXYQ54PAY1	68

Note:

Sound level:

Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.

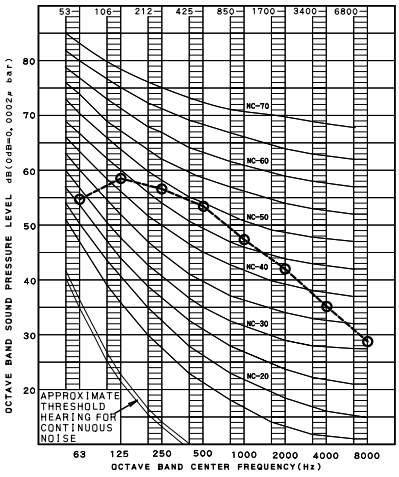
During actual operation, these values are normally somewhat higher as a result of ambient conditions.



Octave Band Level

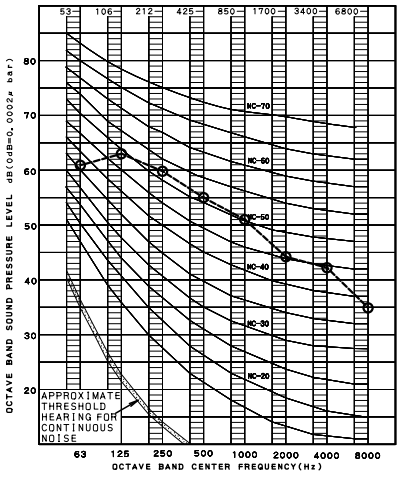
○ - - - - ○ **50Hz**

RXYQ5PAY1



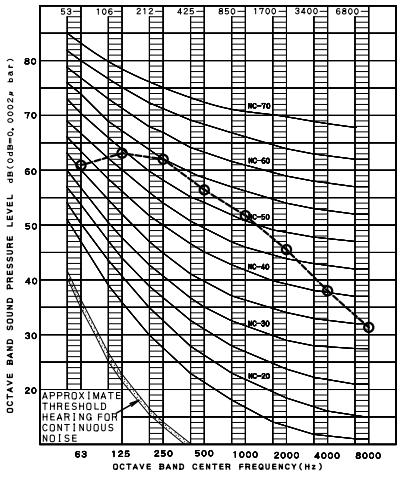
4D052394B

RXYQ8PAY1



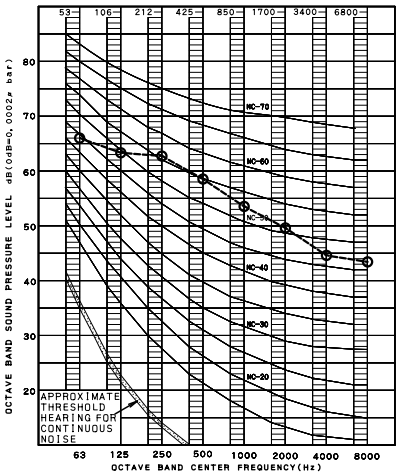
4D052395H

RXYQ10PAY1



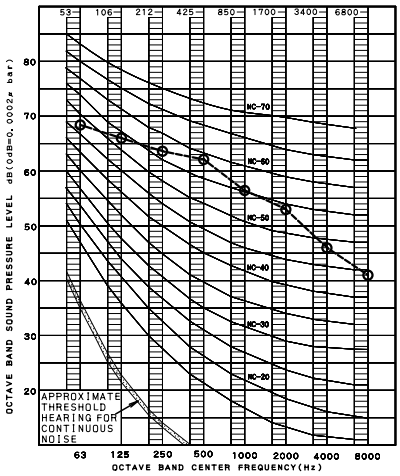
4D052396H

RXYQ12/14/16PAY1



4D052397K

RXYQ18PAY1



4D052398D

14

11.2 60Hz

Overall

dB(A)

Power Supply / Model	YL: 380V, 60Hz TL: 220V, 60Hz
RXYQ5PAYL, PTL	54
RXYQ8PAYL, PTL	57
RXYQ10PAYL, PTL	58
RXYQ12PAYL, PTL	60
RXYQ14PAYL, PTL	60
RXYQ16PAYL, PTL	60
RXYQ18PAYL, PTL	63
RXYQ20PAYL, PTL	62
RXYQ22PAYL, PTL	62

dB(A)

Power Supply / Model	YL: 380V, 60Hz TL: 220V, 60Hz
RXYQ24PAYL, PTL	62
RXYQ26PAYL, PTL	64
RXYQ28PAYL, PTL	64
RXYQ30PAYL, PTL	65
RXYQ32PAYL, PTL	63
RXYQ34PAYL, PTL	65
RXYQ36PAYL, PTL	66
RXYQ38PAYL, PTL	65
RXYQ40PAYL, PTL	64

dB(A)

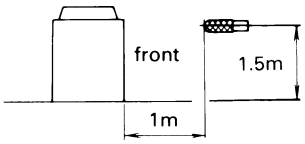
Power Supply / Model	YL: 380V, 60Hz TL: 220V, 60Hz
RXYQ42PAYL, PTL	65
RXYQ44PAYL, PTL	67
RXYQ46PAYL, PTL	67
RXYQ48PAYL, PTL	67
RXYQ50PAYL, PTL	67
RXYQ52PAYL, PTL	67
RXYQ54PAYL, PTL	68

Note:

Sound level:

Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.

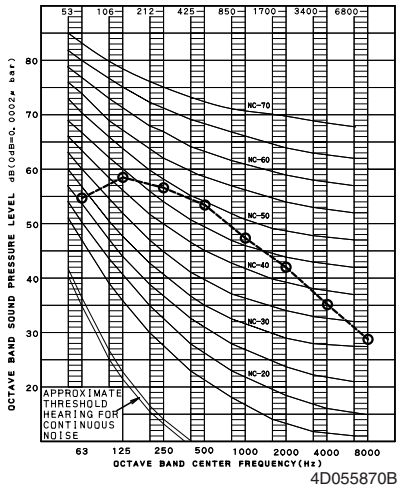
During actual operation, these values are normally somewhat higher as a result of ambient conditions.



Octave Band Level

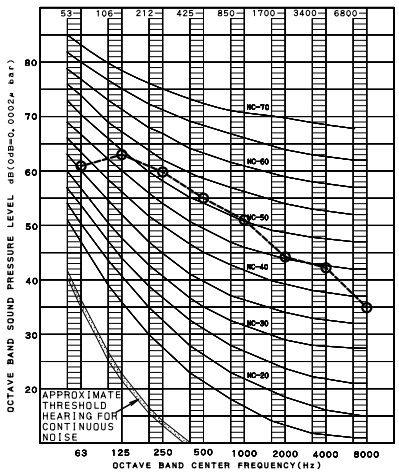
○ - - - - ○ **60Hz**

RXYQ5PAYL, PTL



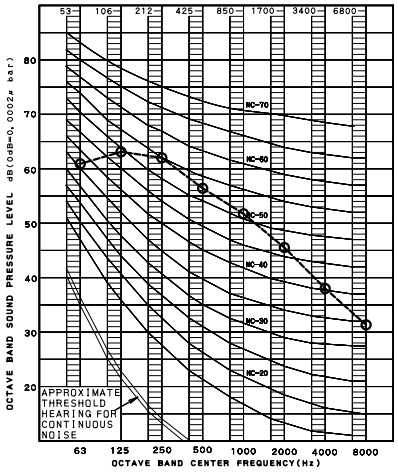
4D055870B

RXYQ8PAYL, PTL



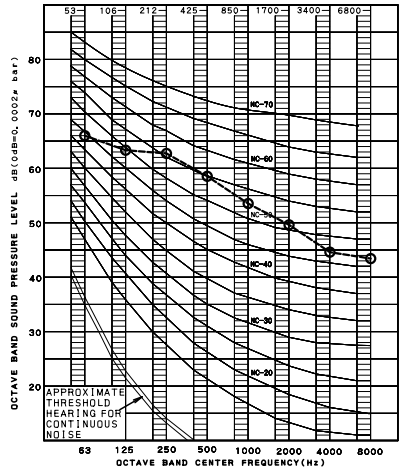
4D055871C

RXYQ10PAYL, PTL



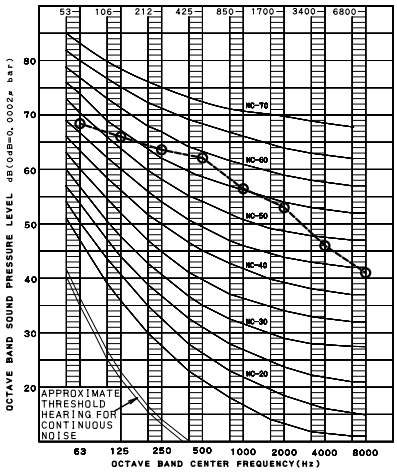
4D055872B

RXYQ12/14/16PAYL, PTL



4D055873B

RXYQ18PAYL, PTL



4D055874B

12. Accessories

12.1 Optional Accessories

RXYQ5/8/10/12/14/16/18PAY1(E), PAYL(E), PTL(E)

Optional accessories		RXYQ5PAY1, PAYL, PTL	RXYQ5PAY1E, PAYLE, PTLE	RXYQ8PAY1, PAYL, PTL RXYQ10PAY1, PAYL, PTL	RXYQ8PAY1E, PAYLE, PTLE RXYQ10PAY1E, PAYLE, PTLE	RXYQ12PAY1, PAYL, PTL RXYQ14PAY1, PAYL, PTL RXYQ16PAY1, PAYL, PTL RXYQ18PAY1, PAYL, PTL	RXYQ12PAY1E, PAYLE, PTLE RXYQ14PAY1E, PAYLE, PTLE RXYQ16PAY1E, PAYLE, PTLE RXYQ18PAY1E, PAYLE, PTLE
Cool/Heat Selector		KRC19-26A					
Cool/Heat Selector	Fixing box	KJB111A					
Distributive Piping	Refnet header	KHRP26M22H (Max. 4 branch)		KHRP26M22H, (Max. 4 branch) KHRP26M33H (Max. 8 branch)		KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H (Max. 8 branch)	
	Refnet joint	KHRP26A22T		KHRP26A22T, KHRP26A33T		KHRP26A22T, KHRP26A33T, KHRP26A72T	
Outdoor unit multi connection piping kit		—					
Central drain pan kit		KWC26C160	★KWC26C160E	KWC26C280	★KWC26C280E	KWC26C450	★KWC26C450E
Digital Pressure Gauge Kit		BHGP26A1	★BHGP26A1E	BHGP26A1	★BHGP26A1E	BHGP26A1	★BHGP26A1E

C : 3D053052F

RXYQ20/22/24/26/28/30/32/34/36PAY1(E), PAYL(E), PTL(E)

Optional accessories		RXYQ20PAY1, PAYL, PTL RXYQ22PAY1, PAYL, PTL	RXYQ20PAY1E, PAYLE, PTLE RXYQ22PAY1E, PAYLE, PTLE	RXYQ24PAY1, PAYL, PTL RXYQ26PAY1, PAYL, PTL RXYQ28PAY1, PAYL, PTL	RXYQ24PAY1E, PAYLE, PTLE RXYQ26PAY1E, PAYLE, PTLE RXYQ28PAY1E, PAYLE, PTLE	RXYQ30PAY1, PAYL, PTL RXYQ32PAY1, PAYL, PTL RXYQ34PAY1, PAYL, PTL RXYQ36PAY1, PAYL, PTL	RXYQ30PAY1E, PAYLE, PTLE RXYQ32PAY1E, PAYLE, PTLE RXYQ34PAY1E, PAYLE, PTLE RXYQ36PAY1E, PAYLE, PTLE
Cool/Heat Selector		KRC19-26A					
Cool/Heat Selector	Fixing box	KJB111A					
Distributive Piping	Refnet header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch)		KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T		KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P100					
Central drain pan kit		KWC26C280 KWC26C450	★KWC26C280E ★KWC26C450E	KWC26C280 KWC26C450	★KWC26C280E ★KWC26C450E	KWC26C450×2	★KWC26C450E×2
Digital Pressure Gauge Kit		BHGP26A1	★BHGP26A1E	BHGP26A1	★BHGP26A1E	BHGP26A1	★BHGP26A1E

C : 3D053052F

RXYQ38/40/42/44/46/48/50/52/54PAY1(E), PAYL(E), PTL(E)

Optional accessories		RXYQ38PAY1, PAYL, PTL RXYQ40PAY1, PAYL, PTL RXYQ42PAY1, PAYL, PTL RXYQ44PAY1, PAYL, PTL RXYQ46PAY1, PAYL, PTL	RXYQ38PAY1E, PAYLE, PTLE RXYQ40PAY1E, PAYLE, PTLE RXYQ42PAY1E, PAYLE, PTLE RXYQ44PAY1E, PAYLE, PTLE RXYQ46PAY1E, PAYLE, PTLE	RXYQ48PAY1, PAYL, PTL RXYQ50PAY1, PAYL, PTL RXYQ52PAY1, PAYL, PTL RXYQ54PAY1, PAYL, PTL	RXYQ48PAY1E, PAYLE, PTLE RXYQ50PAY1E, PAYLE, PTLE RXYQ52PAY1E, PAYLE, PTLE RXYQ54PAY1E, PAYLE, PTLE
Cool/Heat Selector		KRC19-26A			
Cool/Heat Selector	Fixing box	KJB111A			
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			
Central drain pan kit		KWC26C280 KWC26C450×2	★KWC26C280E ★KWC26C450E×2	KWC26C450×3	★KWC26C450E×3
Digital Pressure Gauge Kit		BHGP26A1	★BHGP26A1E	BHGP26A1	★BHGP26A1E

C : 3D053052F

Note:
★: Made-to-order products

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