Heating

Technical Data

VRVIII heat pump, optimised for heating

EEDEN12-203

RTSYQ-PA

RTSYQ-PA

1 Specifications

1-1 Technical Specifications					RTSYQ10PA	RTSYQ14PA	RTSYQ16PA	RTSYQ20PA
System	Outdoor unit module 1				RTSQ10PAY1	RTSQ14PAY1	RTSQ16PAY1	RTSQ8PAY1
	Outdoor unit module 2				-			RTSQ12PAY1
	Function unit				BTSQ20PY1			
Capacity range				HP	10	14	16	20
Cooling capacity	Nom.			kW	28.0 (1)	40.0 (1)	45.0 (1)	56.0 (1)
Heating capacity	Nom.			kW	31.5 (2) / 28.0 (3)	45.0 (2) / 40.0 (3)	50.0 (2) / 45.0 (3)	63.0 (2) / 55.9 (3)
Capacity control	Steps			%	9 ~ 100	7 ~ 100		6 ~ 100
Power input - 50Hz	Cooling	Nom.		kW	7.90 (1)	12.6 (1)	14.9 (1)	15.4 (1)
	Heating	Nom.		kW	7.78 (2) / 8.18 (3)	11.4 (2) / 12.8 (3)	13.0 (2) / 15.0 (3)	15.4 (2) / 18.7 (3)
EER					3.54 (1)	3.17 (1)	3.02 (1)	3.64 (1)
COP					4.05 (2) / 3.42 (3)	3.95 (2) / 3.13 (3)	3.85 (2) / 3.00 (3)	4.09 (2) / 2.99 (3)
Maximum number of connectable indoor units					21	30	34	43
Indoor index connection	Min.				125	175	200	250
	Nom.				250	350	400	500
	Max.				325	455	520	650
Sound pressure level	Cooling	Max./Nom.		dBA	62/60	63/61	65/63	
Piping connections	Liquid	Type			Braze connection			
		OD		mm	9.52	12.7		15.9
	Gas	Type			Braze connection			
		OD		mm	22.2	28.6		
	Oil equalizing	Type			-			Braze connection
		OD		mm	-			19.1
	Piping length	OU - IU	Max.	m	165			
		After branch	Max.	m	90 (8)			
	Total piping length	System	Actual	m	500			
	Level difference	OU - IU	Outdoor unit in highest position	m	50			
			Indoor unit in highest position	m	40			
		IU - IU	Max.	m	15			
Defrost method					Deicer			

Standard Accessories : Installation manual;

Standard Accessories : Operation manual;

Standard Accessories : Connection pipes;

Standard Accessories : Clamps;

1-2 Electrical Specifications			RTSYQ10PA	RTSYQ14PA	RTSYQ16PA	RTSYQ20PA
Current - 50Hz	Starting current (MSC)	A	74	84	85	79
	Minimum circuit amps (MCA)	A	21.6	31.5	32.5	41.2
	Maximum fuse amps (MFA)	A	25	35	40	50
	Total overcurrent amps (TOCA)	A	31.5	46.4	48.3	48.0

Notes

(1) Cooling: Indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units

(2) Heating: Indoor temp. 20ºCDB; outdoor temp. 7ºCDB,6ºCWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units

(3) Heating: Indoor temp. 20ºCDB; outdoor temp. -10ºCWB; equivalent piping length: 7.5m; level difference 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units

(4) TOCA means the total value of each OC set.

(5) MSC means the maximum current during start up of the compressor

(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).

(8) Refer to refrigerant pipe selection or installation manual

(9) Cooling: Indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units

1 Specifications

(10) Heating: Indoor temp. 20ºCDB; outdoor temp. 7ºCDB,6ºCWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units

(11) Heating: indoor temp. 20ºCDB; outdoor temp. -10ºCWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 7 units

(12) Cooling: Indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units

(13) Heating: Indoor temp. 20ºCDB; outdoor temp. 7ºCDB,6ºCWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units

(14) Heating: Indoor temp. 20ºCDB; outdoor temp. -10ºCWB; equivalent piping length: 7.5m; level difference 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 8 units

(15) Cooling: Indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units

(16) Heating: Indoor temp. 20ºCDB; outdoor temp. 7ºCDB,6ºCWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units

(17) Heating: Indoor temp. 20ºCDB; outdoor temp. -10ºCWB; equivalent piping length: 7.5m; level difference 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 10 units

(18) RLA is based on following conditions: indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB

(19) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

(20) Maximum allowable voltage range variation between phases is 2%.

1-3 Technical Specifications					BTSQ20P	RTSQ8PA	RTSQ10PA	RTSQ12PA	RTSQ14PA	RTSQ16PA
Dimensions	Unit	Height		mm	1,570	1,680				
		Width		mm	460	930			1,240	
		Depth		mm	765					
Weight	Unit			kg	110	205	257		338	344
Heat exchanger	Type				-	Cross fin coil				
Fan	Type				-	Propeller fan				
	Quantity				-	1			2	
	Air flow rate	Cooling	Nom.	m³/min	-	185		200	233	239
	External static pressure	Max.		Pa	-	78				
Fan motor	Drive				-	Direct drive				
	Output			W	-	750			350	750
Fan motor 2	Drive				-				Direct drive	
	Output			W	-				350	750
Sound power level	Cooling	Nom.		dBA	-					
Compressor	Quantity				1		2		3	
	Type				Hermetically sealed scroll compressor					
	Piston displacement			m³/h	16.9	13.72				
	Speed			rpm	7,980	6,300				
	Output			W	4,700	2,200		3,500	1,900	3,200
	Starting method				Soft start					
Compressor 2	Type				-	Hermetically sealed scroll compressor				
	Piston displacement			m³/h	-	10.53				
	Speed			rpm	-	2,900				
	Output			W	-	4,500				
	Starting method				-	Soft start				
Compressor 3	Type				-				Hermetically sealed scroll compressor	
	Piston displacement			m³/h	-				10.53	
	Speed			rpm	-				2,900	
	Output			W	-				4,500	
	Starting method				-				Soft start	
Operation range	Cooling	Min.~Max.		ºCDB	-5~43					
	Heating	Min.~Max.		ºCWB	-25~15.5					
Refrigerant	Type				R-410A					
	Charge			kg	-	9.4	10.5	10.9	11.7	
	Control				-	Electronic expansion valve				
Safety devices	Item	01			-	High pressure switch				
		02			-	Fan driver overload protector				
		03			-	Overcurrent relay				
		04			-	Inverter overload protector				

1 Specifications

1-4 Electrical Specifications					BTSQ20P	RTSQ8PA	RTSQ10PA	RTSQ12PA	RTSQ14PA	RTSQ16PA
Power supply	Name				Y1					
	Phase				3~					
	Frequency			Hz	50					
	Voltage			V	380-415					
Voltage range	Min.			%	-10					
	Max.			%	10					
Current	Nominal running current (RLA) - 50Hz	Compressor 1	Cooling	A	8.2		4.5	6.2	3.4	6.1
		Compressor 2	Cooling	A	-		6.8	6.7	7.5	7.6
		Compressor 3	Cooling	A	-				7.5	7.6
Current - 50Hz	Starting current (MSC)			A	-		74	75	84	85
	Minimum circuit amps (MCA)			A	15.2	18.5	21.6	22.7	31.5	32.5
	Maximum fuse amps (MFA)			A	20	25			35	40
	Total overcurrent amps (TOCA)			A	14.7	16.5	31.5		46.4	48.3
	Full load amps (FLA)	Fan motor		A	-	0.7	0.9		0.6	0.7
		Fan motor 2		A	-				0.6	0.7

2 Electrical data

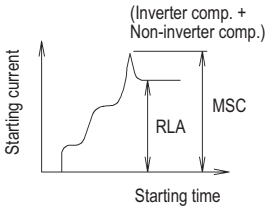
2 - 1 Electrical Data

RTSQ-PA
BTSQ-P

Model Name	Units				Power supply Comp.			Comp.		OFM	
	Hz	Volts	Min.	Max	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RTSQ8PA	50	380	342	456	18.5	16.5	25	-	8.6	0.75	0.7
		400						-	8.2		
		415						-	7.9		
RTSQ10PA	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		
RTSQ12PA	50	380	342	456	22.7	31.5	25	79	6.5 + 7.0	0.75	0.9
		400						75	6.2 + 6.7		
		415						72	6.0 + 6.4		
RTSQ14PA	50	380	342	456	31.5	46.4	35	89	3.6 + 7.9 x 2	0.35 + 0.35	0.6 + 0.6
		400						84	3.4 + 7.5 x 2		
		415						81	3.3 + 7.3 x 2		
RTSQ16PA	50	380	342	456	32.5	48.3	40	90	6.4 + 8.0 x 2	0.75 + 0.75	0.7 + 0.7
		400						85	6.1 + 7.6 x 2		
		415						82	5.9 + 7.3 x 2		
BTSQ20PA	50	380	342	456	15.2	14.7	20	-	8.6	-	-
		400						-	8.2		
		415						-	7.9		

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 temperature, 27°C DB/19.0 °C WB
   Outdoor temperature, 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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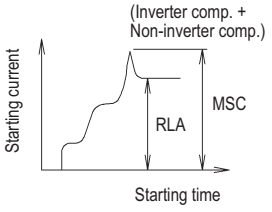
RTSYQ-PA

Model Name				Units				Power supply			Comp.		OFM	
Combination unit	Independent unit			Hz	Volts	Min.	Max	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RTSYQ10PA	RTSQ10PA		BTSQ20P	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		
RTSYQ14PA	RTSQ14PA		BTSQ20P	50	380	342	456	31.5	46.4	35	89	3.6 + 7.9 x 2	0.35 + 0.35	0.6 + 0.6
					400						84	3.4 + 7.5 x 2		
					415						81	3.3 + 7.3 x 2		
RTSYQ16PA	RTSQ16PA		BTSQ20P	50	380	342	456	32.5	48.3	40	90	6.4 + 8.0 x 2	0.75 + 0.75	0.7 + 0.7
					400						85	6.1 + 7.6 x 2		
					415						82	5.9 + 7.3 x 2		
RTSYQ20PA	RTSQ8PA	RTSQ12PA	BTSQ20P	50	380	342	456	41.2	48.0	50	83	8.6 + 6.5 +7.0	0.75 + 0.75	0.7 + 0.9
					400						79	8.2 + 6.2 + 6.7		
					415						76	7.9 + 6.0 + 6.4		

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 temperature, 27°C DB/19.0 °C WB
   Outdoor temperature, 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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3 Options

3 - 1 Options

RTSYQ-PA

Optional Accessories		RTSYQ10PA	RTSYQ14PA RTSYQ16PA	RTSYQ20PA
Distributive piping	Refnet header	KHRP26M22H (MAX. 4 branch)	KHRP26M22H (MAX. 4 branch)	
		KHRP26M33H (MAX. 8 branch)	KHRP26M33H (MAX. 8 branch)	
		-	KHRP26M72H (MAX. 8 branch)	
	Refnet joint	KHRP26A22T	KHRP26A22T	KHRP26A22T
		KHRP26A33T	KHRP26A33T	KHRP26A33T
		-	KHRP26A72T	KHRP26A72T
		-	-	KHRP26A73T
Snowbreak hood	Kit (inlet + outlet)	KPS26C280	KPS26C504	KPS26C280*2
		-	-	-
	Air outlet	KPS26C280T	KPS26C504T	KPS26C280T*2
		-	-	-
	Left side air inlet	KPS26C504L	KPS26C504L	KPS26C504L*2
		-	-	-
	Right side air inlet	KPS26C504R	KPS26C504R	KPS26C504R*2
		-	-	-
	Back side air inlet	KPS26C280B	KPS26C504B	KPSC280B*2
		-	-	-
Outdoor unit multi connection piping		-	-	BHFP30A56

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NOTE

1. For production to order.

4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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	36.40	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	33.60	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	30.80	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	28.00	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
90	25.20	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

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4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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
80	22.40	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	19.60	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	16.80	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	14.00	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

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarýdaki tablo meydana gelebilecek koþullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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	52.00	10	35.1	5.80	41.9	7.10	48.6	8.45	50.4	8.62	51.0	8.45	52.3	8.09	53.5	7.73
		12	35.1	5.91	41.9	7.24	48.6	8.61	49.7	8.58	50.4	8.40	51.6	8.04	52.9	7.91
		14	35.1	6.02	41.9	7.37	48.4	8.72	49.1	8.54	49.7	8.35	51.0	8.29	52.2	8.36
		16	35.1	6.14	41.9	7.52	47.8	8.67	48.4	8.61	49.1	8.65	50.3	8.73	51.6	8.82
		18	35.1	6.26	41.9	7.67	47.1	9.01	47.8	9.05	48.4	9.09	49.7	9.18	50.9	9.27
		20	35.1	6.38	41.9	8.17	46.5	9.44	47.1	9.49	47.8	9.54	49.0	9.63	50.3	9.73
		21	35.1	6.56	41.9	8.46	46.2	9.66	46.8	9.71	47.4	9.76	48.7	9.86	50.0	9.95
		23	35.1	7.02	41.9	9.07	45.5	10.1	46.1	10.2	46.8	10.2	48.0	10.3	49.3	10.4
		25	35.1	7.51	41.9	9.7	44.9	10.5	45.5	10.6	46.1	10.7	47.4	10.8	48.7	10.9
		27	35.1	8.02	41.9	10.4	44.2	11.0	44.8	11.0	45.5	11.1	46.7	11.2	48.0	11.3
		29	35.1	8.56	41.9	11.1	43.6	11.4	44.2	11.5	44.8	11.6	46.1	11.7	47.4	11.8
		31	35.1	9.13	41.6	11.8	42.9	11.9	43.5	11.9	44.2	12.0	45.4	12.1	46.7	12.3
		33	35.1	9.73	41.0	12.2	42.3	12.3	42.9	12.4	43.5	12.5	44.8	12.6	46.1	12.7
		35	35.1	10.4	40.3	12.6	41.6	12.8	42.2	12.9	42.9	12.9	44.1	13.1	45.4	13.2
		37	35.1	11.0	39.7	13.1	41.0	13.2	41.6	13.3	42.2	13.4	43.5	13.5	44.8	13.7
		39	35.1	11.8	39.0	13.5	40.3	13.7	40.9	13.8	41.6	13.9	42.8	14.0	44.1	14.2
120	48.00	10	32.4	5.30	38.6	6.48	44.9	7.70	48.0	8.32	50.2	8.67	51.4	8.35	52.6	8.02
		12	32.4	5.40	38.6	6.60	44.9	7.84	48.0	8.48	49.6	8.63	50.7	8.30	51.9	7.96
		14	32.4	5.50	38.6	6.72	44.9	8.00	48.0	8.64	48.9	8.58	50.1	8.25	51.2	8.30
		16	32.4	5.60	38.6	6.85	44.9	8.15	47.7	8.71	48.3	8.60	49.4	8.68	50.6	8.75
		18	32.4	5.71	38.6	6.99	44.9	8.43	47.0	9.00	47.6	9.04	48.8	9.12	49.9	9.20
		20	32.4	5.82	38.6	7.27	44.9	9.06	46.4	9.44	47.0	9.48	48.1	9.57	49.3	9.65
		21	32.4	5.88	38.6	7.52	44.9	9.39	46.1	9.65	46.6	9.70	47.8	9.79	49.0	9.88
		23	32.4	6.28	38.6	8.06	44.8	10.0	45.4	10.1	46.0	10.1	47.2	10.2	48.3	10.3
		25	32.4	6.71	38.6	8.63	44.2	10.5	44.8	10.5	45.3	10.6	46.5	10.7	47.7	10.8
		27	32.4	7.17	38.6	9.22	43.5	10.9	44.1	11.0	44.7	11.0	45.9	11.1	47.0	11.2
		29	32.4	7.64	38.6	9.85	42.9	11.4	43.4	11.4	44.0	11.5	45.2	11.6	46.4	11.7
		31	32.4	8.15	38.6	10.5	42.2	11.8	42.8	11.9	43.4	11.9	44.6	12.1	45.7	12.2
		33	32.4	8.68	38.6	11.2	41.6	12.3	42.1	12.3	42.7	12.4	43.9	12.5	45.1	12.6
		35	32.4	9.24	38.6	12.0	40.9	12.7	41.5	12.8	42.1	12.8	43.2	13.0	44.4	13.1
		37	32.4	9.83	38.6	12.7	40.3	13.2	40.8	13.2	41.4	13.3	42.6	13.4	43.8	13.6
		39	32.4	10.5	38.4	13.5	39.6	13.6	40.2	13.7	40.8	13.8	41.9	13.9	43.1	14.1
110	44.00	10	29.7	4.81	35.4	5.86	41.1	6.96	44.0	7.52	46.9	8.09	50.5	8.59	51.6	8.30
		12	29.7	4.90	35.4	5.97	41.1	7.09	44.0	7.67	46.9	8.25	49.8	8.55	50.9	8.25
		14	29.7	4.99	35.4	6.08	41.1	7.23	44.0	7.81	46.9	8.41	49.2	8.50	50.3	8.24
		16	29.7	5.08	35.4	6.20	41.1	7.37	44.0	7.97	46.9	8.57	48.5	8.62	49.6	8.69
		18	29.7	5.18	35.4	6.32	41.1	7.52	44.0	8.19	46.8	8.98	47.9	9.06	49.0	9.13
		20	29.7	5.28	35.4	6.45	41.1	7.96	44.0	8.80	46.2	9.42	47.2	9.50	48.3	9.58
		21	29.7	5.33	35.4	6.65	41.1	8.25	44.0	9.11	45.8	9.64	46.9	9.72	48.0	9.80
		23	29.7	5.58	35.4	7.11	41.1	8.84	44.0	9.78	45.2	10.1	46.3	10.2	47.3	10.3
		25	29.7	5.96	35.4	7.61	41.1	9.47	44.0	10.5	44.5	10.5	45.6	10.6	46.7	10.7
		27	29.7	6.36	35.4	8.13	41.1	10.1	43.4	10.9	43.9	11.0	45.0	11.1	46.0	11.2
		29	29.7	6.78	35.4	8.68	41.1	10.8	42.7	11.4	43.2	11.4	44.3	11.5	45.4	11.6
		31	29.7	7.22	35.4	9.25	41.1	11.6	42.0	11.8	42.6	11.8	43.7	12.0	44.7	12.1
		33	29.7	7.68	35.4	9.86	40.9	12.2	41.4	12.2	41.9	12.3	43.0	12.4	44.1	12.5
		35	29.7	8.17	35.4	10.5	40.2	12.6	40.7	12.7	41.3	12.7	42.4	12.9	43.4	13.0
		37	29.7	8.69	35.4	11.2	39.6	13.1	40.1	13.1	40.6	13.2	41.7	13.3	42.8	13.5
		39	29.7	9.24	35.4	11.9	38.9	13.5	39.4	13.6	40.0	13.7	41.1	13.8	42.1	13.9
100	40.00	10	27.0	4.34	32.2	5.26	37.4	6.24	40.0	6.74	42.6	7.25	47.8	8.28	50.6	8.57
		12	27.0	4.42	32.2	5.36	37.4	6.35	40.0	6.87	42.6	7.39	47.8	8.44	49.9	8.53
		14	27.0	4.50	32.2	5.46	37.4	6.48	40.0	7.00	42.6	7.53	47.8	8.60	49.3	8.48
		16	27.0	4.58	32.2	5.56	37.4	6.60	40.0	7.13	42.6	7.67	47.6	8.72	48.6	8.62
		18	27.0	4.66	32.2	5.67	37.4	6.73	40.0	7.28	42.6	7.83	47.0	9.00	48.0	9.06
		20	27.0	4.75	32.2	5.78	37.4	6.93	40.0	7.64	42.6	8.38	46.3	9.43	47.3	9.50
		21	27.0	4.80	32.2	5.84	37.4	7.18	40.0	7.91	42.6	8.69	46.0	9.65	47.0	9.73
		23	27.0	4.92	32.2	6.23	37.4	7.69	40.0	8.48	42.6	9.31	45.4	10.1	46.3	10.2
		25	27.0	5.25	32.2	6.66	37.4	8.23	40.0	9.08	42.6	9.97	44.7	10.5	45.7	10.6
		27	27.0	5.60	32.2	7.10	37.4	8.79	40.0	9.71	42.6	10.7	44.1	11.0	45.0	11.1
		29	27.0	5.96	32.2	7.58	37.4	9.39	40.0	10.4	42.4	11.3	43.4	11.4	44.4	11.5
		31	27.0	6.35	32.2	8.08	37.4	10.02	40.0	11.1	41.8	11.8	42.8	11.9	43.7	12.0
		33	27.0	6.75	32.2	8.60	37.4	10.7	40.0	11.8	41.1	12.2	42.1	12.3	43.1	12.4
		35	27.0	7.17	32.2	9.16	37.4	11.4	40.0	12.6	40.5	12.7	41.5	12.8	42.4	12.9
		37	27.0	7.62	32.2	9.74	37.4	12.1	39.3	13.0	39.8	13.1	40.8	13.2	41.8	13.3
		39	27.0	8.09	32.2	10.4	37.4	12.9	38.7	13.5	39.2	13.6	40.2	13.7	41.1	13.8
90	36.00	10	24.3	3.89	29.0	4.69	33.7	5.53	36.0	5.97	38.3	6.42	43.0	7.33	47.7	8.26
		12	24.3	3.95	29.0	4.77	33.7	5.64	36.0	6.08	38.3	6.54	43.0	7.47	47.7	8.42
		14	24.3	4.02	29.0	4.86	33.7	5.74	36.0	6.20	38.3	6.66	43.0	7.61	47.7	8.58
		16	24.3	4.09	29.0	4.95	33.7	5.85	36.0	6.32	38.3	6.79	43.0	7.76	47.6	8.72
		18	24.3	4.16	29.0	5.04	33.7	5.96	36.0	6.44	38.3	6.93	43.0	7.92	47.0	8.99
		20	24.3	4.24	29.0	5.14	33.7	6.08	36.0	6.57	38.3	7.19	43.0	8.51	46.3	9.43
		21	24.3	4.28	29.0	5.19	33.7	6.19	36.0	6.80	38.3	7.44	43.0	8.81	46.0	9.65
		23	24.3	4.36	29.0	5.40	33.7	6.62	36.0	7.28	38.3	7.97	43.0	9.45	45.3	10.1
		25	24.3	4.59	29.0	5.77	33.7	7.08	36.0	7.79	38.3	8.53	43.0	10.1	44.7	10.5
		27	24.3	4.89	29.0	6.15	33.7	7.56	36.0	8.32	38.3	9.12	43.0	10.8	44.0	11.0
		29	24.3	5.20	29.0	6.56	33.7	8.07	36.0	8.88	38.3	9.74	42.5	11.3	43.4	11.4
		31	24.3	5.53	29.0	6.98	33.7	8.60	36.0	9.48	38.3	10.4	41.9	11.8	42.7	11.9
		33	24.3	5.88	29.0	7.43	33.7	9.16	36.0	10.1	38.3	11.1	41.2	12.2	42.1	12.3
		35	24.3	6.24	29.0	7.90	33.7	9.76	36.0	10.8	38.3	11.8	40.6	12.7	41.4	12.8
		37	24.3	6.62	29.0	8.40	33.7	10.4	36.0	11.5	38.3	12.6	39.9	13.1	40.8	13.2
		39	24.3	7.03	29.0	8.92	33.7	11.1	36.0	12.2	38.3	13.4	39.3	13.6	40.1	13.7

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4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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
80	32.00	10	21.6	3.45	25.8	4.13	29.9	4.85	32.0	5.23	34.1	5.61	38.2	6.40	42.4	7.21
		12	21.6	3.51	25.8	4.20	29.9	4.94	32.0	5.32	34.1	5.72	38.2	6.52	42.4	7.35
		14	21.6	3.56	25.8	4.28	29.9	5.03	32.0	5.42	34.1	5.82	38.2	6.64	42.4	7.49
		16	21.6	3.62	25.8	4.35	29.9	5.13	32.0	5.53	34.1	5.93	38.2	6.77	42.4	7.63
		18	21.6	3.69	25.8	4.43	29.9	5.22	32.0	5.63	34.1	6.05	38.2	6.91	42.4	7.78
		20	21.6	3.75	25.8	4.52	29.9	5.32	32.0	5.74	34.1	6.17	38.2	7.16	42.4	8.33
		21	21.6	3.79	25.8	4.56	29.9	5.38	32.0	5.80	34.1	6.30	38.2	7.41	42.4	8.63
		23	21.6	3.85	25.8	4.65	29.9	5.64	32.0	6.18	34.1	6.74	38.2	7.94	42.4	9.25
		25	21.6	3.98	25.8	4.95	29.9	6.02	32.0	6.60	34.1	7.21	38.2	8.50	42.4	9.90
		27	21.6	4.23	25.8	5.27	29.9	6.42	32.0	7.04	34.1	7.70	38.2	9.09	42.4	10.6
		29	21.6	4.50	25.8	5.61	29.9	6.85	32.0	7.51	34.1	8.21	38.2	9.70	42.4	11.3
		31	21.6	4.78	25.8	5.97	29.9	7.29	32.0	8.01	34.1	8.76	38.2	10.4	41.8	11.8
		33	21.6	5.07	25.8	6.34	29.9	7.76	32.0	8.53	34.1	9.33	38.2	11.0	41.1	12.2
		35	21.6	5.38	25.8	6.74	29.9	8.26	32.0	9.08	34.1	9.94	38.2	11.8	40.4	12.7
		37	21.6	5.70	25.8	7.15	29.9	8.78	32.0	9.66	34.1	10.6	38.2	12.5	39.8	13.1
		39	21.6	6.04	25.8	7.59	29.9	9.33	32.0	10.27	34.1	11.3	38.2	13.4	39.1	13.5
70	28.00	10	18.9	3.03	22.5	3.60	26.2	4.20	28.0	4.52	29.8	4.84	33.5	5.50	37.1	6.18
		12	18.9	3.08	22.5	3.66	26.2	4.27	28.0	4.60	29.8	4.92	33.5	5.60	37.1	6.30
		14	18.9	3.13	22.5	3.72	26.2	4.35	28.0	4.68	29.8	5.01	33.5	5.70	37.1	6.42
		16	18.9	3.18	22.5	3.78	26.2	4.43	28.0	4.76	29.8	5.11	33.5	5.81	37.1	6.54
		18	18.9	3.23	22.5	3.85	26.2	4.51	28.0	4.85	29.8	5.20	33.5	5.93	37.1	6.67
		20	18.9	3.28	22.5	3.92	26.2	4.60	28.0	4.95	29.8	5.30	33.5	6.04	37.1	6.86
		21	18.9	3.31	22.5	3.96	26.2	4.64	28.0	4.99	29.8	5.36	33.5	6.14	37.1	7.10
		23	18.9	3.37	22.5	4.03	26.2	4.73	28.0	5.16	29.8	5.61	33.5	6.57	37.1	7.60
		25	18.9	3.43	22.5	4.19	26.2	5.05	28.0	5.51	29.8	5.99	33.5	7.02	37.1	8.13
		27	18.9	3.63	22.5	4.46	26.2	5.38	28.0	5.88	29.8	6.39	33.5	7.50	37.1	8.69
		29	18.9	3.85	22.5	4.74	26.2	5.73	28.0	6.26	29.8	6.82	33.5	8.00	37.1	9.28
		31	18.9	4.08	22.5	5.03	26.2	6.09	28.0	6.66	29.8	7.26	33.5	8.53	37.1	9.90
		33	18.9	4.32	22.5	5.34	26.2	6.48	28.0	7.09	29.8	7.73	33.5	9.09	37.1	10.6
		35	18.9	4.58	22.5	5.67	26.2	6.88	28.0	7.54	29.8	8.22	33.5	9.68	37.1	11.3
		37	18.9	4.85	22.5	6.01	26.2	7.31	28.0	8.01	29.8	8.74	33.5	10.3	37.1	12.0
		39	18.9	5.13	22.5	6.38	26.2	7.76	28.0	8.51	29.8	9.29	33.5	11.0	37.1	12.8
60	24.00	10	16.2	2.64	19.3	3.10	22.4	3.58	24.0	3.84	25.6	4.10	28.7	4.63	31.8	5.19
		12	16.2	2.68	19.3	3.14	22.4	3.64	24.0	3.90	25.6	4.17	28.7	4.72	31.8	5.29
		14	16.2	2.72	19.3	3.19	22.4	3.70	24.0	3.97	25.6	4.24	28.7	4.80	31.8	5.39
		16	16.2	2.76	19.3	3.25	22.4	3.77	24.0	4.04	25.6	4.32	28.7	4.89	31.8	5.49
		18	16.2	2.80	19.3	3.30	22.4	3.83	24.0	4.11	25.6	4.40	28.7	4.98	31.8	5.59
		20	16.2	2.84	19.3	3.36	22.4	3.90	24.0	4.19	25.6	4.48	28.7	5.08	31.8	5.70
		21	16.2	2.86	19.3	3.38	22.4	3.94	24.0	4.23	25.6	4.52	28.7	5.13	31.8	5.76
		23	16.2	2.91	19.3	3.44	22.4	4.01	24.0	4.31	25.6	4.61	28.7	5.33	31.8	6.12
		25	16.2	2.96	19.3	3.51	22.4	4.17	24.0	4.53	25.6	4.90	28.7	5.69	31.8	6.54
		27	16.2	3.07	19.3	3.72	22.4	4.43	24.0	4.82	25.6	5.22	28.7	6.07	31.8	6.98
		29	16.2	3.25	19.3	3.95	22.4	4.71	24.0	5.12	25.6	5.55	28.7	6.47	31.8	7.45
		31	16.2	3.44	19.3	4.19	22.4	5.01	24.0	5.45	25.6	5.91	28.7	6.88	31.8	7.94
		33	16.2	3.64	19.3	4.44	22.4	5.32	24.0	5.79	25.6	6.28	28.7	7.32	31.8	8.45
		35	16.2	3.85	19.3	4.70	22.4	5.64	24.0	6.14	25.6	6.67	28.7	7.79	31.8	9.00
		37	16.2	4.07	19.3	4.98	22.4	5.98	24.0	6.52	25.6	7.08	28.7	8.28	31.8	9.57
		39	16.2	4.30	19.3	5.27	22.4	6.34	24.0	6.91	25.6	7.52	28.7	8.80	31.8	10.2
50	20.00	10	13.5	2.27	16.1	2.62	18.7	3.00	20.0	3.20	21.3	3.40	23.9	3.82	26.5	4.26
		12	13.5	2.30	16.1	2.66	18.7	3.05	20.0	3.25	21.3	3.46	23.9	3.89	26.5	4.33
		14	13.5	2.33	16.1	2.70	18.7	3.10	20.0	3.30	21.3	3.51	23.9	3.95	26.5	4.41
		16	13.5	2.36	16.1	2.74	18.7	3.15	20.0	3.36	21.3	3.57	23.9	4.02	26.5	4.49
		18	13.5	2.39	16.1	2.78	18.7	3.20	20.0	3.41	21.3	3.64	23.9	4.09	26.5	4.57
		20	13.5	2.43	16.1	2.83	18.7	3.25	20.0	3.47	21.3	3.70	23.9	4.17	26.5	4.66
		21	13.5	2.44	16.1	2.85	18.7	3.28	20.0	3.50	21.3	3.73	23.9	4.21	26.5	4.70
		23	13.5	2.48	16.1	2.90	18.7	3.34	20.0	3.57	21.3	3.80	23.9	4.29	26.5	4.81
		25	13.5	2.52	16.1	2.94	18.7	3.40	20.0	3.64	21.3	3.92	23.9	4.50	26.5	5.13
		27	13.5	2.56	16.1	3.05	18.7	3.58	20.0	3.87	21.3	4.17	23.9	4.79	26.5	5.47
		29	13.5	2.71	16.1	3.23	18.7	3.80	20.0	4.11	21.3	4.43	23.9	5.10	26.5	5.82
		31	13.5	2.86	16.1	3.42	18.7	4.03	20.0	4.36	21.3	4.70	23.9	5.42	26.5	6.19
		33	13.5	3.02	16.1	3.62	18.7	4.27	20.0	4.62	21.3	4.99	23.9	5.76	26.5	6.58
		35	13.5	3.19	16.1	3.82	18.7	4.52	20.0	4.90	21.3	5.29	23.9	6.11	26.5	7.00
		37	13.5	3.36	16.1	4.04	18.7	4.79	20.0	5.19	21.3	5.60	23.9	6.48	26.5	7.43
		39	13.5	3.54	16.1	4.27	18.7	5.07	20.0	5.49	21.3	5.94	23.9	6.88	26.5	7.89

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarýdaki tablo meydana gelebilecek koþullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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	58.50	10	39.5	6.86	47.1	8.40	54.7	10.0	56.7	10.2	57.4	10.0	58.8	9.57	60.2	9.14
		12	39.5	6.99	47.1	8.56	54.7	10.2	55.9	10.1	56.7	9.9	58.1	9.51	59.5	9.36
		14	39.5	7.12	47.1	8.72	54.5	10.3	55.2	10.1	55.9	9.88	57.3	9.80	58.8	9.9
		16	39.5	7.26	47.1	8.89	53.8	10.3	54.5	10.2	55.2	10.2	56.6	10.3	58.0	10.4
		18	39.5	7.40	47.1	9.07	53.0	10.6	53.7	10.7	54.5	10.8	55.9	10.9	57.3	11.0
		20	39.5	7.55	47.1	9.66	52.3	11.2	53.0	11.2	53.7	11.3	55.2	11.4	56.6	11.5
		21	39.5	7.76	47.1	10.0	51.9	11.4	52.7	11.5	53.4	11.5	54.8	11.7	56.2	11.8
		23	39.5	8.31	47.1	10.7	51.2	11.9	51.9	12.0	52.6	12.1	54.1	12.2	55.5	12.3
		25	39.5	8.88	47.1	11.5	50.5	12.5	51.2	12.5	51.9	12.6	53.3	12.7	54.7	12.9
		27	39.5	9.49	47.1	12.3	49.7	13.0	50.5	13.1	51.2	13.1	52.6	13.3	54.0	13.4
		29	39.5	10.1	47.1	13.1	49.0	13.5	49.7	13.6	50.4	13.7	51.9	13.8	53.3	14.0
		31	39.5	10.8	46.9	13.9	48.3	14.1	49.0	14.1	49.7	14.2	51.1	14.4	52.5	14.5
		33	39.5	11.5	46.1	14.4	47.5	14.6	48.3	14.7	49.0	14.7	50.4	14.9	51.8	15.1
		35	39.5	12.3	45.4	14.9	46.8	15.1	47.5	15.2	48.2	15.3	49.7	15.5	51.1	15.6
		37	39.5	13.1	44.7	15.5	46.1	15.7	46.8	15.7	47.5	15.8	48.9	16.0	50.4	16.2
		39	39.5	13.9	43.9	16.0	45.4	16.2	46.1	16.3	46.8	16.4	48.2	16.6	49.6	16.8
120	54.00	10	36.4	6.27	43.5	7.66	50.5	9.10	54.0	9.84	56.5	10.3	57.8	9.87	59.1	9.48
		12	36.4	6.38	43.5	7.80	50.5	9.28	54.0	10.0	55.8	10.2	57.1	9.81	58.4	9.41
		14	36.4	6.50	43.5	7.95	50.5	9.45	54.0	10.2	55.0	10.1	56.3	9.75	57.7	9.82
		16	36.4	6.63	43.5	8.10	50.5	9.64	53.6	10.3	54.3	10.2	55.6	10.3	56.9	10.3
		18	36.4	6.75	43.5	8.26	50.5	10.0	52.9	10.6	53.6	10.7	54.9	10.8	56.2	10.9
		20	36.4	6.89	43.5	8.59	50.5	10.7	52.2	11.2	52.8	11.2	54.1	11.3	55.5	11.4
		21	36.4	6.96	43.5	8.90	50.5	11.1	51.8	11.4	52.5	11.5	53.8	11.6	55.1	11.7
		23	36.4	7.43	43.5	9.53	50.4	11.9	51.1	11.9	51.7	12.0	53.0	12.1	54.4	12.2
		25	36.4	7.94	43.5	10.2	49.7	12.4	50.3	12.5	51.0	12.5	52.3	12.6	53.6	12.8
		27	36.4	8.47	43.5	10.9	49.0	12.9	49.6	13.0	50.3	13.0	51.6	13.2	52.9	13.3
		29	36.4	9.04	43.5	11.7	48.2	13.4	48.9	13.5	49.5	13.6	50.9	13.7	52.2	13.8
		31	36.4	9.63	43.5	12.4	47.5	14.0	48.1	14.0	48.8	14.1	50.1	14.3	51.4	14.4
		33	36.4	10.3	43.5	13.3	46.8	14.5	47.4	14.6	48.1	14.6	49.4	14.8	50.7	14.9
		35	36.4	10.9	43.5	14.1	46.0	15.0	46.7	15.1	47.3	15.2	48.7	15.3	50.0	15.5
		37	36.4	11.6	43.5	15.1	45.3	15.6	46.0	15.6	46.6	15.7	47.9	15.9	49.2	16.1
		39	36.4	12.4	43.2	15.9	44.6	16.1	45.2	16.2	45.9	16.3	47.2	16.4	48.5	16.6
110	49.50	10	33.4	5.69	39.8	6.93	46.3	8.23	49.5	8.90	52.7	9.57	56.8	10.2	58.0	9.81
		12	33.4	5.79	39.8	7.06	46.3	8.39	49.5	9.07	52.7	9.75	56.1	10.1	57.3	9.75
		14	33.4	5.90	39.8	7.19	46.3	8.55	49.5	9.24	52.7	9.9	55.3	10.1	56.5	9.75
		16	33.4	6.01	39.8	7.33	46.3	8.71	49.5	9.42	52.7	10.1	54.6	10.2	55.8	10.3
		18	33.4	6.12	39.8	7.48	46.3	8.89	49.5	9.68	52.7	10.6	53.9	10.7	55.1	10.8
		20	33.4	6.24	39.8	7.63	46.3	9.42	49.5	10.4	51.9	11.1	53.1	11.2	54.3	11.3
		21	33.4	6.30	39.8	7.86	46.3	9.75	49.5	10.8	51.6	11.4	52.8	11.5	54.0	11.6
		23	33.4	6.60	39.8	8.41	46.3	10.5	49.5	11.6	50.8	11.9	52.0	12.0	53.2	12.1
		25	33.4	7.05	39.8	9.00	46.3	11.2	49.5	12.4	50.1	12.4	51.3	12.5	52.5	12.7
		27	33.4	7.52	39.8	9.61	46.3	12.0	48.8	12.9	49.4	13.0	50.6	13.1	51.8	13.2
		29	33.4	8.01	39.8	10.3	46.3	12.8	48.0	13.4	48.6	13.5	49.8	13.6	51.0	13.7
		31	33.4	8.53	39.8	10.9	46.3	13.7	47.3	13.9	47.9	14.0	49.1	14.1	50.3	14.3
		33	33.4	9.08	39.8	11.7	46.0	14.4	46.6	14.5	47.2	14.5	48.4	14.7	49.6	14.8
		35	33.4	9.66	39.8	12.4	45.2	14.9	45.8	15.0	46.4	15.1	47.6	15.2	48.9	15.4
		37	33.4	10.3	39.8	13.2	44.5	15.5	45.1	15.5	45.7	15.6	46.9	15.8	48.1	15.9
		39	33.4	10.9	39.8	14.1	43.8	16.0	44.4	16.1	45.0	16.1	46.2	16.3	47.4	16.5
100	45.00	10	30.4	5.13	36.2	6.23	42.1	7.38	45.0	7.97	47.9	8.57	53.8	9.80	56.9	10.1
		12	30.4	5.22	36.2	6.34	42.1	7.51	45.0	8.12	47.9	8.73	53.8	10.0	56.2	10.1
		14	30.4	5.32	36.2	6.46	42.1	7.66	45.0	8.27	47.9	8.90	53.8	10.2	55.4	10.0
		16	30.4	5.41	36.2	6.58	42.1	7.81	45.0	8.44	47.9	9.07	53.6	10.3	54.7	10.2
		18	30.4	5.51	36.2	6.71	42.1	7.96	45.0	8.60	47.9	9.25	52.9	10.6	54.0	10.7
		20	30.4	5.62	36.2	6.84	42.1	8.20	45.0	9.04	47.9	9.9	52.1	11.2	53.2	11.2
		21	30.4	5.67	36.2	6.91	42.1	8.49	45.0	9.36	47.9	10.3	51.8	11.4	52.9	11.5
		23	30.4	5.82	36.2	7.37	42.1	9.09	45.0	10.0	47.9	11.0	51.0	11.9	52.1	12.0
		25	30.4	6.21	36.2	7.87	42.1	9.73	45.0	10.7	47.9	11.8	50.3	12.5	51.4	12.6
		27	30.4	6.62	36.2	8.40	42.1	10.4	45.0	11.5	47.9	12.6	49.6	13.0	50.7	13.1
		29	30.4	7.05	36.2	8.96	42.1	11.1	45.0	12.3	47.7	13.4	48.8	13.5	49.9	13.6
		31	30.4	7.50	36.2	9.55	42.1	11.8	45.0	13.1	47.0	13.9	48.1	14.0	49.2	14.2
		33	30.4	7.98	36.2	10.2	42.1	12.6	45.0	14.0	46.3	14.4	47.4	14.6	48.5	14.7
		35	30.4	8.48	36.2	10.8	42.1	13.5	45.0	14.9	45.5	15.0	46.6	15.1	47.7	15.2
		37	30.4	9.01	36.2	11.5	42.1	14.4	44.3	15.4	44.8	15.5	45.9	15.6	47.0	15.8
		39	30.4	9.6	36.2	12.3	42.1	15.3	43.5	16.0	44.1	16.0	45.2	16.2	46.3	16.3
90	40.50	10	27.3	4.60	32.6	5.54	37.9	6.54	40.5	7.06	43.1	7.59	48.4	8.67	53.7	9.77
		12	27.3	4.67	32.6	5.64	37.9	6.66	40.5	7.19	43.1	7.73	48.4	8.83	53.7	10.0
		14	27.3	4.75	32.6	5.74	37.9	6.79	40.5	7.33	43.1	7.88	48.4	9.00	53.7	10.1
		16	27.3	4.84	32.6	5.85	37.9	6.92	40.5	7.47	43.1	8.03	48.4	9.18	53.6	10.3
		18	27.3	4.93	32.6	5.96	37.9	7.05	40.5	7.62	43.1	8.19	48.4	9.36	52.8	10.6
		20	27.3	5.02	32.6	6.08	37.9	7.19	40.5	7.77	43.1	8.50	48.4	10.1	52.1	11.2
		21	27.3	5.06	32.6	6.14	37.9	7.32	40.5	8.04	43.1	8.80	48.4	10.4	51.7	11.4
		23	27.3	5.16	32.6	6.39	37.9	7.83	40.5	8.61	43.1	9.43	48.4	11.2	51.0	11.9
		25	27.3	5.43	32.6	6.82	37.9	8.37	40.5	9.21	43.1	10.1	48.4	12.0	50.3	12.5
		27	27.3	5.79	32.6	7.27	37.9	8.94	40.5	9.84	43.1	10.8	48.4	12.8	49.5	13.0
		29	27.3	6.15	32.6	7.75	37.9	9.54	40.5	10.5	43.1	11.5	47.8	13.4	48.8	13.5
		31	27.3	6.54	32.6	8.25	37.9	10.2	40.5	11.2	43.1	12.3	47.1	13.9	48.1	14.0
		33	27.3	6.95	32.6	8.78	37.9	10.8	40.5	11.9	43.1	13.1	46.4	14.4	47.4	14.6
		35	27.3	7.38	32.6	9.34	37.9	11.5	40.5	12.7	43.1	14.0	45.6	15.0	46.6	15.1
		37	27.3	7.83	32.6	9.9	37.9	12.3	40.5	13.6	43.1	14.9	44.9	15.5	45.9	15.6
		39	27.3	8.31	32.6	10.6	37.9	13.1	40.5	14.4	43.1	15.9	44.2	16.0	45.2	16.2

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4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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
80	36.00	10	24.3	4.08	29.0	4.89	33.7	5.74	36.0	6.18	38.3	6.64	43.0	7.57	47.7	8.53
		12	24.3	4.15	29.0	4.97	33.7	5.84	36.0	6.30	38.3	6.76	43.0	7.71	47.7	8.69
		14	24.3	4.21	29.0	5.06	33.7	5.95	36.0	6.41	38.3	6.89	43.0	7.86	47.7	8.85
		16	24.3	4.29	29.0	5.15	33.7	6.06	36.0	6.53	38.3	7.02	43.0	8.01	47.7	9.03
		18	24.3	4.36	29.0	5.24	33.7	6.18	36.0	6.66	38.3	7.15	43.0	8.17	47.7	9.21
		20	24.3	4.44	29.0	5.34	33.7	6.30	36.0	6.79	38.3	7.30	43.0	8.47	47.7	9.85
		21	24.3	4.48	29.0	5.39	33.7	6.36	36.0	6.86	38.3	7.45	43.0	8.77	47.7	10.2
		23	24.3	4.56	29.0	5.49	33.7	6.67	36.0	7.30	38.3	7.97	43.0	9.39	47.7	10.9
		25	24.3	4.71	29.0	5.85	33.7	7.12	36.0	7.80	38.3	8.52	43.0	10.1	47.7	11.7
		27	24.3	5.01	29.0	6.23	33.7	7.60	36.0	8.33	38.3	9.10	43.0	10.7	47.7	12.5
		29	24.3	5.32	29.0	6.63	33.7	8.10	36.0	8.88	38.3	9.71	43.0	11.5	47.7	13.4
		31	24.3	5.65	29.0	7.05	33.7	8.62	36.0	9.47	38.3	10.4	43.0	12.2	47.0	13.9
		33	24.3	6.00	29.0	7.50	33.7	9.18	36.0	10.1	38.3	11.0	43.0	13.1	46.2	14.4
		35	24.3	6.36	29.0	7.97	33.7	9.76	36.0	10.7	38.3	11.7	43.0	13.9	45.5	15.0
		37	24.3	6.74	29.0	8.46	33.7	10.4	36.0	11.4	38.3	12.5	43.0	14.8	44.8	15.5
		39	24.3	7.14	29.0	8.98	33.7	11.0	36.0	12.1	38.3	13.3	43.0	15.8	44.0	16.0
70	31.50	10	21.3	3.59	25.4	4.26	29.5	4.97	31.5	5.34	33.5	5.72	37.6	6.50	41.7	7.31
		12	21.3	3.64	25.4	4.33	29.5	5.06	31.5	5.43	33.5	5.82	37.6	6.62	41.7	7.45
		14	21.3	3.70	25.4	4.40	29.5	5.14	31.5	5.53	33.5	5.93	37.6	6.74	41.7	7.59
		16	21.3	3.76	25.4	4.48	29.5	5.24	31.5	5.63	33.5	6.04	37.6	6.87	41.7	7.73
		18	21.3	3.82	25.4	4.55	29.5	5.33	31.5	5.74	33.5	6.15	37.6	7.01	41.7	7.89
		20	21.3	3.88	25.4	4.64	29.5	5.43	31.5	5.85	33.5	6.27	37.6	7.15	41.7	8.11
		21	21.3	3.92	25.4	4.68	29.5	5.49	31.5	5.91	33.5	6.33	37.6	7.26	41.7	8.39
		23	21.3	3.99	25.4	4.77	29.5	5.60	31.5	6.11	33.5	6.64	37.6	7.77	41.7	8.99
		25	21.3	4.06	25.4	4.95	29.5	5.97	31.5	6.52	33.5	7.09	37.6	8.30	41.7	9.62
		27	21.3	4.29	25.4	5.27	29.5	6.36	31.5	6.95	33.5	7.56	37.6	8.87	41.7	10.3
		29	21.3	4.55	25.4	5.60	29.5	6.77	31.5	7.40	33.5	8.06	37.6	9.46	41.7	11.0
		31	21.3	4.83	25.4	5.95	29.5	7.21	31.5	7.88	33.5	8.58	37.6	10.1	41.7	11.7
		33	21.3	5.11	25.4	6.32	29.5	7.66	31.5	8.38	33.5	9.14	37.6	10.7	41.7	12.5
		35	21.3	5.42	25.4	6.71	29.5	8.14	31.5	8.91	33.5	9.72	37.6	11.4	41.7	13.3
		37	21.3	5.73	25.4	7.11	29.5	8.65	31.5	9.47	33.5	10.3	37.6	12.2	41.7	14.2
		39	21.3	6.07	25.4	7.54	29.5	9.18	31.5	10.1	33.5	11.0	37.6	13.0	41.7	15.1
60	27.00	10	18.2	3.12	21.7	3.66	25.2	4.24	27.0	4.54	28.8	4.85	32.3	5.48	35.8	6.14
		12	18.2	3.16	21.7	3.72	25.2	4.31	27.0	4.61	28.8	4.93	32.3	5.58	35.8	6.25
		14	18.2	3.21	21.7	3.78	25.2	4.38	27.0	4.69	28.8	5.02	32.3	5.68	35.8	6.37
		16	18.2	3.26	21.7	3.84	25.2	4.46	27.0	4.78	28.8	5.10	32.3	5.78	35.8	6.49
		18	18.2	3.31	21.7	3.90	25.2	4.53	27.0	4.86	28.8	5.20	32.3	5.89	35.8	6.61
		20	18.2	3.36	21.7	3.97	25.2	4.61	27.0	4.95	28.8	5.30	32.3	6.01	35.8	6.74
		21	18.2	3.39	21.7	4.00	25.2	4.66	27.0	5.00	28.8	5.35	32.3	6.07	35.8	6.81
		23	18.2	3.44	21.7	4.07	25.2	4.74	27.0	5.09	28.8	5.45	32.3	6.30	35.8	7.24
		25	18.2	3.50	21.7	4.15	25.2	4.93	27.0	5.35	28.8	5.79	32.3	6.73	35.8	7.74
		27	18.2	3.63	21.7	4.40	25.2	5.24	27.0	5.70	28.8	6.17	32.3	7.18	35.8	8.26
		29	18.2	3.84	21.7	4.67	25.2	5.57	27.0	6.06	28.8	6.57	32.3	7.65	35.8	8.81
		31	18.2	4.07	21.7	4.95	25.2	5.92	27.0	6.44	28.8	6.98	32.3	8.14	35.8	9.4
		33	18.2	4.31	21.7	5.25	25.2	6.29	27.0	6.84	28.8	7.42	32.3	8.66	35.8	10.0
		35	18.2	4.55	21.7	5.56	25.2	6.67	27.0	7.26	28.8	7.89	32.3	9.21	35.8	10.6
		37	18.2	4.81	21.7	5.88	25.2	7.07	27.0	7.71	28.8	8.37	32.3	9.79	35.8	11.3
		39	18.2	5.08	21.7	6.23	25.2	7.50	27.0	8.18	28.8	8.89	32.3	10.4	35.8	12.0
50	22.50	10	15.2	2.68	18.1	3.10	21.0	3.55	22.5	3.79	24.0	4.02	26.9	4.52	29.8	5.03
		12	15.2	2.72	18.1	3.15	21.0	3.61	22.5	3.84	24.0	4.09	26.9	4.59	29.8	5.12
		14	15.2	2.75	18.1	3.19	21.0	3.66	22.5	3.91	24.0	4.16	26.9	4.67	29.8	5.21
		16	15.2	2.79	18.1	3.24	21.0	3.72	22.5	3.97	24.0	4.23	26.9	4.76	29.8	5.31
		18	15.2	2.83	18.1	3.29	21.0	3.78	22.5	4.04	24.0	4.30	26.9	4.84	29.8	5.41
		20	15.2	2.87	18.1	3.34	21.0	3.84	22.5	4.11	24.0	4.37	26.9	4.93	29.8	5.51
		21	15.2	2.89	18.1	3.37	21.0	3.88	22.5	4.14	24.0	4.41	26.9	4.98	29.8	5.56
		23	15.2	2.93	18.1	3.42	21.0	3.94	22.5	4.22	24.0	4.49	26.9	5.07	29.8	5.69
		25	15.2	2.98	18.1	3.48	21.0	4.02	22.5	4.30	24.0	4.63	26.9	5.32	29.8	6.07
		27	15.2	3.03	18.1	3.60	21.0	4.24	22.5	4.57	24.0	4.93	26.9	5.67	29.8	6.47
		29	15.2	3.20	18.1	3.82	21.0	4.50	22.5	4.86	24.0	5.23	26.9	6.03	29.8	6.88
		31	15.2	3.38	18.1	4.04	21.0	4.77	22.5	5.15	24.0	5.56	26.9	6.41	29.8	7.32
		33	15.2	3.57	18.1	4.28	21.0	5.05	22.5	5.46	24.0	5.90	26.9	6.81	29.8	7.79
		35	15.2	3.77	18.1	4.52	21.0	5.35	22.5	5.79	24.0	6.25	26.9	7.23	29.8	8.27
		37	15.2	3.98	18.1	4.78	21.0	5.66	22.5	6.13	24.0	6.63	26.9	7.67	29.8	8.79
		39	15.2	4.19	18.1	5.05	21.0	5.99	22.5	6.49	24.0	7.02	26.9	8.13	29.8	9.33

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarýdaki tablo meydana gelebilecek koþullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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	58.50	10	49.0	7.09	58.5	8.68	67.9	10.3	70.4	10.5	71.3	10.3	73.1	9.9	74.8	9.4
		12	49.0	7.22	58.5	8.84	67.9	10.5	69.5	10.5	70.4	10.3	72.1	9.8	73.9	9.7
		14	49.0	7.36	58.5	9.0	67.7	10.7	68.6	10.4	69.5	10.2	71.2	10.1	73.0	10.2
		16	49.0	7.50	58.5	9.2	66.8	10.6	67.7	10.5	68.6	10.6	70.3	10.7	72.1	10.8
		18	49.0	7.65	58.5	9.4	65.9	11.0	66.8	11.1	67.7	11.1	69.4	11.2	71.2	11.3
		20	49.0	7.80	58.5	10.0	65.0	11.5	65.9	11.6	66.7	11.7	68.5	11.8	70.3	11.9
		21	49.0	8.02	58.5	10.3	64.5	11.8	65.4	11.9	66.3	11.9	68.1	12.0	69.8	12.2
		23	49.0	8.58	58.5	11.1	63.6	12.3	64.5	12.4	65.4	12.5	67.1	12.6	68.9	12.7
		25	49.0	9.2	58.5	11.9	62.7	12.9	63.6	13.0	64.5	13.0	66.2	13.2	68.0	13.3
		27	49.0	9.8	58.5	12.7	61.8	13.4	62.7	13.5	63.6	13.6	65.3	13.7	67.1	13.9
		29	49.0	10.5	58.5	13.6	60.9	14.0	61.8	14.1	62.7	14.1	64.4	14.3	66.2	14.4
		31	49.0	11.2	58.2	14.4	60.0	14.5	60.9	14.6	61.7	14.7	63.5	14.8	65.3	15.0
		33	49.0	11.9	57.3	14.9	59.1	15.1	59.9	15.2	60.8	15.2	62.6	15.4	64.4	15.6
		35	49.0	12.7	56.4	15.4	58.2	15.6	59.0	15.7	59.9	15.8	61.7	16.0	63.5	16.2
		37	49.0	13.5	55.5	16.0	57.2	16.2	58.1	16.3	59.0	16.4	60.8	16.6	62.5	16.7
		39	49.0	14.4	54.6	16.5	56.3	16.7	57.2	16.8	58.1	16.9	59.9	17.1	61.6	17.3
120	54.00	10	45.3	6.48	54.0	7.91	62.7	9.4	67.1	10.2	70.2	10.6	71.8	10.2	73.4	9.8
		12	45.3	6.60	54.0	8.06	62.7	9.6	67.1	10.4	69.3	10.5	70.9	10.1	72.5	9.7
		14	45.3	6.72	54.0	8.22	62.7	9.8	67.1	10.6	68.4	10.5	70.0	10.1	71.6	10.1
		16	45.3	6.85	54.0	8.38	62.7	10.0	66.6	10.6	67.4	10.5	69.1	10.6	70.7	10.7
		18	45.3	6.98	54.0	8.54	62.7	10.3	65.7	11.0	66.5	11.0	68.2	11.1	69.8	11.2
		20	45.3	7.12	54.0	8.88	62.7	11.1	64.8	11.5	65.6	11.6	67.3	11.7	68.9	11.8
		21	45.3	7.19	54.0	9.2	62.7	11.5	64.4	11.8	65.2	11.9	66.8	12.0	68.4	12.1
		23	45.3	7.68	54.0	9.9	62.6	12.3	63.4	12.3	64.3	12.4	65.9	12.5	67.5	12.6
		25	45.3	8.20	54.0	10.5	61.7	12.8	62.5	12.9	63.4	12.9	65.0	13.1	66.6	13.2
		27	45.3	8.76	54.0	11.3	60.8	13.4	61.6	13.4	62.4	13.5	64.1	13.6	65.7	13.7
		29	45.3	9.3	54.0	12.0	59.9	13.9	60.7	14.0	61.5	14.0	63.2	14.2	64.8	14.3
		31	45.3	10.0	54.0	12.9	59.0	14.4	59.8	14.5	60.6	14.6	62.3	14.7	63.9	14.9
		33	45.3	10.6	54.0	13.7	58.1	15.0	58.9	15.1	59.7	15.1	61.3	15.3	63.0	15.4
		35	45.3	11.3	54.0	14.6	57.2	15.5	58.0	15.6	58.8	15.7	60.4	15.9	62.1	16.0
		37	45.3	12.0	54.0	15.6	56.3	16.1	57.1	16.2	57.9	16.2	59.5	16.4	61.2	16.6
		39	45.3	12.8	53.7	16.4	55.4	16.6	56.2	16.7	57.0	16.8	58.6	17.0	60.3	17.2
110	49.50	10	41.5	5.88	49.5	7.16	57.5	8.51	61.5	9.2	65.5	9.9	70.6	10.5	72.1	10.1
		12	41.5	5.99	49.5	7.30	57.5	8.67	61.5	9.4	65.5	10.1	69.6	10.5	71.1	10.1
		14	41.5	6.10	49.5	7.44	57.5	8.83	61.5	9.6	65.5	10.3	68.7	10.4	70.2	10.1
		16	41.5	6.21	49.5	7.58	57.5	9.0	61.5	9.7	65.5	10.5	67.8	10.5	69.3	10.6
		18	41.5	6.33	49.5	7.73	57.5	9.2	61.5	10.0	65.4	11.0	66.9	11.1	68.4	11.2
		20	41.5	6.45	49.5	7.88	57.5	9.7	61.5	10.8	64.5	11.5	66.0	11.6	67.5	11.7
		21	41.5	6.52	49.5	8.12	57.5	10.1	61.5	11.1	64.1	11.8	65.6	11.9	67.1	12.0
		23	41.5	6.82	49.5	8.70	57.5	10.8	61.5	11.9	63.2	12.3	64.6	12.4	66.1	12.5
		25	41.5	7.28	49.5	9.3	57.5	11.6	61.5	12.8	62.2	12.9	63.7	13.0	65.2	13.1
		27	41.5	7.77	49.5	9.9	57.5	12.4	60.6	13.3	61.3	13.4	62.8	13.5	64.3	13.6
		29	41.5	8.28	49.5	10.6	57.5	13.2	59.7	13.9	60.4	13.9	61.9	14.1	63.4	14.2
		31	41.5	8.82	49.5	11.3	57.5	14.1	58.8	14.4	59.5	14.5	61.0	14.6	62.5	14.8
		33	41.5	9.4	49.5	12.1	57.1	14.9	57.9	15.0	58.6	15.0	60.1	15.2	61.6	15.3
		35	41.5	10.0	49.5	12.8	56.2	15.4	56.9	15.5	57.7	15.6	59.2	15.7	60.7	15.9
		37	41.5	10.6	49.5	13.7	55.3	16.0	56.0	16.1	56.8	16.1	58.3	16.3	59.8	16.4
		39	41.5	11.3	49.5	14.6	54.4	16.5	55.1	16.6	55.9	16.7	57.4	16.9	58.9	17.0
100	45.00	10	37.7	5.31	45.0	6.43	52.3	7.62	56.0	8.24	59.5	8.86	66.8	10.1	70.7	10.5
		12	37.7	5.40	45.0	6.55	52.3	7.77	56.0	8.39	59.5	9.0	66.8	10.3	69.8	10.4
		14	37.7	5.50	45.0	6.67	52.3	7.91	56.0	8.55	59.5	9.2	66.8	10.5	68.8	10.4
		16	37.7	5.60	45.0	6.80	52.3	8.07	56.0	8.72	59.5	9.4	66.6	10.7	67.9	10.5
		18	37.7	5.70	45.0	6.93	52.3	8.23	56.0	8.89	59.5	9.6	65.7	11.0	67.0	11.1
		20	37.7	5.81	45.0	7.07	52.3	8.47	56.0	9.3	59.5	10.2	64.8	11.5	66.1	11.6
		21	37.7	5.86	45.0	7.14	52.3	8.78	56.0	9.7	59.5	10.6	64.3	11.8	65.7	11.9
		23	37.7	6.02	45.0	7.61	52.3	9.4	56.0	10.4	59.5	11.4	63.4	12.3	64.8	12.4
		25	37.7	6.42	45.0	8.13	52.3	10.1	56.0	11.1	59.5	12.2	62.5	12.9	63.8	13.0
		27	37.7	6.84	45.0	8.68	52.3	10.7	56.0	11.9	59.5	13.0	61.6	13.4	62.9	13.5
		29	37.7	7.29	45.0	9.3	52.3	11.5	56.0	12.7	59.3	13.8	60.7	14.0	62.0	14.1
		31	37.7	7.76	45.0	9.9	52.3	12.2	56.0	13.5	58.4	14.4	59.8	14.5	61.1	14.6
		33	37.7	8.25	45.0	10.5	52.3	13.1	56.0	14.4	57.5	14.9	58.8	15.1	60.2	15.2
		35	37.7	8.77	45.0	11.2	52.3	13.9	56.0	15.4	56.6	15.5	57.9	15.6	59.3	15.7
		37	37.7	9.3	45.0	11.9	52.3	14.8	55.0	15.9	55.7	16.0	57.0	16.2	58.4	16.3
		39	37.7	9.9	45.0	12.7	52.3	15.8	54.1	16.5	54.8	16.6	56.1	16.7	57.5	16.9
90	40.50	10	34.0	4.75	40.5	5.73	47.0	6.76	50.3	7.30	53.6	7.84	60.1	8.96	66.7	10.1
		12	34.0	4.83	40.5	5.83	47.0	6.89	50.3	7.43	53.6	7.99	60.1	9.1	66.7	10.3
		14	34.0	4.91	40.5	5.94	47.0	7.02	50.3	7.58	53.6	8.14	60.1	9.3	66.7	10.5
		16	34.0	5.00	40.5	6.05	47.0	7.15	50.3	7.72	53.6	8.30	60.1	9.5	66.6	10.7
		18	34.0	5.09	40.5	6.16	47.0	7.29	50.3	7.87	53.6	8.47	60.1	9.7	65.6	11.0
		20	34.0	5.18	40.5	6.28	47.0	7.44	50.3	8.03	53.6	8.78	60.1	10.4	64.7	11.5
		21	34.0	5.23	40.5	6.34	47.0	7.56	50.3	8.31	53.6	9.1	60.1	10.8	64.3	11.8
		23	34.0	5.33	40.5	6.60	47.0	8.10	50.3	8.90	53.6	9.7	60.1	11.6	63.4	12.3
		25	34.0	5.62	40.5	7.05	47.0	8.65	50.3	9.5	53.6	10.4	60.1	12.4	62.5	12.9
		27	34.0	5.98	40.5	7.52	47.0	9.2	50.3	10.2	53.6	11.1	60.1	13.2	61.6	13.4
		29	34.0	6.36	40.5	8.01	47.0	9.9	50.3	10.9	53.6	11.9	59.4	13.9	60.6	14.0
		31	34.0	6.76	40.5	8.53	47.0	10.5	50.3	11.6	53.6	12.7	58.5	14.4	59.7	14.5
		33	34.0	7.18	40.5	9.1	47.0	11.2	50.3	12.3	53.6	13.6	57.6	14.9	58.8	15.1
		35	34.0	7.63	40.5	9.7	47.0	11.9	50.3	13.2	53.6	14.4	56.7	15.5	57.9	15.6
		37	34.0	8.10	40.5	10.3	47.0	12.7	50.3	14.0	53.6	15.4	55.8	16.0	57.0	16.2
		39	34.0	8.59	40.5	10.9	47.0	13.5	50.3	14.9	53.6	16.4	54.9	16.6	56.1	16.7

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4 Capacity tables

4 - 1 Cooling Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.	Indoor air temperature: °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
80	36.00	10	30.2	4.22	36.0	5.05	41.8	5.93	44.7	6.39	47.6	6.86	53.4	7.82	59.3	8.81
		12	30.2	4.28	36.0	5.14	41.8	6.04	44.7	6.51	47.6	6.99	53.4	7.97	59.3	8.98
		14	30.2	4.36	36.0	5.23	41.8	6.15	44.7	6.63	47.6	7.12	53.4	8.12	59.3	9.2
		16	30.2	4.43	36.0	5.32	41.8	6.26	44.7	6.75	47.6	7.25	53.4	8.28	59.3	9.3
		18	30.2	4.51	36.0	5.42	41.8	6.38	44.7	6.88	47.6	7.39	53.4	8.44	59.3	9.5
		20	30.2	4.59	36.0	5.52	41.8	6.51	44.7	7.02	47.6	7.54	53.4	8.75	59.3	10.2
		21	30.2	4.63	36.0	5.57	41.8	6.57	44.7	7.09	47.6	7.70	53.4	9.1	59.3	10.5
		23	30.2	4.71	36.0	5.68	41.8	6.89	44.7	7.55	47.6	8.24	53.4	9.7	59.3	11.3
		25	30.2	4.87	36.0	6.05	41.8	7.36	44.7	8.07	47.6	8.81	53.4	10.4	59.3	12.1
		27	30.2	5.18	36.0	6.44	41.8	7.85	44.7	8.61	47.6	9.4	53.4	11.1	59.3	12.9
		29	30.2	5.50	36.0	6.86	41.8	8.37	44.7	9.2	47.6	10.0	53.4	11.9	59.3	13.8
		31	30.2	5.84	36.0	7.29	41.8	8.91	44.7	9.8	47.6	10.7	53.4	12.7	58.3	14.4
		33	30.2	6.20	36.0	7.75	41.8	9.5	44.7	10.4	47.6	11.4	53.4	13.5	57.4	14.9
		35	30.2	6.57	36.0	8.23	41.8	10.1	44.7	11.1	47.6	12.1	53.4	14.4	56.5	15.5
		37	30.2	6.97	36.0	8.74	41.8	10.7	44.7	11.8	47.6	12.9	53.4	15.3	55.6	16.0
		39	30.2	7.38	36.0	9.3	41.8	11.4	44.7	12.6	47.6	13.8	53.4	16.3	54.7	16.6
70	31.50	10	26.4	3.71	31.5	4.40	36.6	5.14	39.1	5.52	41.7	5.91	46.8	6.72	51.9	7.56
		12	26.4	3.76	31.5	4.47	36.6	5.22	39.1	5.62	41.7	6.02	46.8	6.84	51.9	7.70
		14	26.4	3.82	31.5	4.55	36.6	5.32	39.1	5.72	41.7	6.13	46.8	6.97	51.9	7.84
		16	26.4	3.88	31.5	4.63	36.6	5.41	39.1	5.82	41.7	6.24	46.8	7.10	51.9	7.99
		18	26.4	3.95	31.5	4.71	36.6	5.51	39.1	5.93	41.7	6.36	46.8	7.24	51.9	8.15
		20	26.4	4.01	31.5	4.79	36.6	5.62	39.1	6.05	41.7	6.48	46.8	7.39	51.9	8.38
		21	26.4	4.05	31.5	4.83	36.6	5.67	39.1	6.10	41.7	6.55	46.8	7.50	51.9	8.68
		23	26.4	4.12	31.5	4.93	36.6	5.79	39.1	6.31	41.7	6.86	46.8	8.03	51.9	9.3
		25	26.4	4.19	31.5	5.12	36.6	6.17	39.1	6.74	41.7	7.33	46.8	8.58	51.9	9.9
		27	26.4	4.43	31.5	5.45	36.6	6.58	39.1	7.18	41.7	7.82	46.8	9.2	51.9	10.6
		29	26.4	4.70	31.5	5.79	36.6	7.00	39.1	7.65	41.7	8.33	46.8	9.8	51.9	11.3
		31	26.4	4.99	31.5	6.15	36.6	7.45	39.1	8.14	41.7	8.87	46.8	10.4	51.9	12.1
		33	26.4	5.29	31.5	6.53	36.6	7.92	39.1	8.66	41.7	9.4	46.8	11.1	51.9	12.9
		35	26.4	5.60	31.5	6.93	36.6	8.41	39.1	9.2	41.7	10.0	46.8	11.8	51.9	13.8
		37	26.4	5.93	31.5	7.35	36.6	8.94	39.1	9.8	41.7	10.7	46.8	12.6	51.9	14.7
		39	26.4	6.27	31.5	7.79	36.6	9.5	39.1	10.4	41.7	11.4	46.8	13.4	51.9	15.6
60	27.00	10	22.6	3.23	27.0	3.79	31.4	4.38	33.5	4.69	35.7	5.01	40.1	5.66	44.4	6.35
		12	22.6	3.27	27.0	3.84	31.4	4.45	33.5	4.77	35.7	5.09	40.1	5.77	44.4	6.46
		14	22.6	3.32	27.0	3.90	31.4	4.53	33.5	4.85	35.7	5.18	40.1	5.87	44.4	6.58
		16	22.6	3.37	27.0	3.97	31.4	4.60	33.5	4.94	35.7	5.28	40.1	5.98	44.4	6.71
		18	22.6	3.42	27.0	4.03	31.4	4.69	33.5	5.03	35.7	5.37	40.1	6.09	44.4	6.84
		20	22.6	3.47	27.0	4.10	31.4	4.77	33.5	5.12	35.7	5.47	40.1	6.21	44.4	6.97
		21	22.6	3.50	27.0	4.14	31.4	4.81	33.5	5.16	35.7	5.53	40.1	6.27	44.4	7.04
		23	22.6	3.56	27.0	4.21	31.4	4.90	33.5	5.26	35.7	5.63	40.1	6.51	44.4	7.48
		25	22.6	3.62	27.0	4.29	31.4	5.09	33.5	5.53	35.7	5.99	40.1	6.95	44.4	8.00
		27	22.6	3.75	27.0	4.54	31.4	5.42	33.5	5.89	35.7	6.38	40.1	7.42	44.4	8.54
		29	22.6	3.97	27.0	4.82	31.4	5.76	33.5	6.26	35.7	6.79	40.1	7.90	44.4	9.1
		31	22.6	4.21	27.0	5.12	31.4	6.12	33.5	6.66	35.7	7.22	40.1	8.41	44.4	9.7
		33	22.6	4.45	27.0	5.42	31.4	6.50	33.5	7.07	35.7	7.67	40.1	8.95	44.4	10.3
		35	22.6	4.71	27.0	5.74	31.4	6.89	33.5	7.51	35.7	8.15	40.1	9.5	44.4	11.0
		37	22.6	4.97	27.0	6.08	31.4	7.31	33.5	7.97	35.7	8.65	40.1	10.1	44.4	11.7
		39	22.6	5.25	27.0	6.44	31.4	7.75	33.5	8.45	35.7	9.2	40.1	10.8	44.4	12.4
50	22.50	10	18.9	2.77	22.5	3.21	26.1	3.67	28.0	3.91	29.8	4.16	33.4	4.67	37.0	5.20
		12	18.9	2.81	22.5	3.25	26.1	3.73	28.0	3.97	29.8	4.23	33.4	4.75	37.0	5.29
		14	18.9	2.84	22.5	3.30	26.1	3.79	28.0	4.04	29.8	4.30	33.4	4.83	37.0	5.39
		16	18.9	2.88	22.5	3.35	26.1	3.85	28.0	4.10	29.8	4.37	33.4	4.92	37.0	5.48
		18	18.9	2.92	22.5	3.40	26.1	3.91	28.0	4.17	29.8	4.44	33.4	5.00	37.0	5.59
		20	18.9	2.97	22.5	3.45	26.1	3.97	28.0	4.24	29.8	4.52	33.4	5.10	37.0	5.69
		21	18.9	2.99	22.5	3.48	26.1	4.01	28.0	4.28	29.8	4.56	33.4	5.14	37.0	5.75
		23	18.9	3.03	22.5	3.54	26.1	4.08	28.0	4.36	29.8	4.65	33.4	5.24	37.0	5.88
		25	18.9	3.08	22.5	3.60	26.1	4.15	28.0	4.45	29.8	4.79	33.4	5.50	37.0	6.27
		27	18.9	3.13	22.5	3.73	26.1	4.38	28.0	4.73	29.8	5.09	33.4	5.86	37.0	6.68
		29	18.9	3.31	22.5	3.95	26.1	4.65	28.0	5.02	29.8	5.41	33.4	6.23	37.0	7.11
		31	18.9	3.50	22.5	4.18	26.1	4.93	28.0	5.33	29.8	5.74	33.4	6.62	37.0	7.57
		33	18.9	3.69	22.5	4.42	26.1	5.22	28.0	5.65	29.8	6.09	33.4	7.03	37.0	8.05
		35	18.9	3.90	22.5	4.67	26.1	5.53	28.0	5.99	29.8	6.46	33.4	7.47	37.0	8.55
		37	18.9	4.11	22.5	4.94	26.1	5.85	28.0	6.34	29.8	6.85	33.4	7.92	37.0	9.1
		39	18.9	4.33	22.5	5.22	26.1	6.19	28.0	6.71	29.8	7.26	33.4	8.41	37.0	9.6

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarýdaki tablo meydana gelebilecek koþullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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	36.40	-24.9	-25.0	24.2	7.13	24.1	7.50	24.1	7.86	24.0	8.05	24.0	8.23	23.9	8.60
		-22.8	-23.0	24.5	6.98	24.4	7.33	24.4	7.68	24.3	7.86	24.3	8.03	24.2	8.38
		-21.8	-22.0	24.7	6.92	24.6	7.27	24.5	7.61	24.5	7.78	24.5	7.95	24.4	8.29
		-20.8	-21.0	24.9	6.87	24.8	7.21	24.7	7.54	24.7	7.71	24.6	7.88	24.6	8.21
		-19.8	-20.0	25.0	6.82	25.0	7.15	24.9	7.48	24.9	7.64	24.8	7.81	24.8	8.14
		-18.8	-19.0	25.3	6.78	25.2	7.11	25.1	7.43	25.1	7.59	25.0	7.75	25.0	8.07
		-16.7	-17.0	25.8	6.72	25.7	7.03	25.6	7.33	25.6	7.49	25.5	7.64	25.5	7.95
		-13.7	-15.0	26.4	6.69	26.3	6.98	26.2	7.27	26.2	7.41	26.1	7.56	26.1	7.85
		-11.8	-13.0	27.1	6.68	27.0	6.96	27.0	7.23	26.9	7.37	26.9	7.51	26.8	7.79
		-9.8	-11.0	28.0	6.71	27.9	6.98	27.8	7.24	27.8	7.37	27.8	7.50	27.7	7.76
		-9.5	-10.0	28.5	6.75	28.4	7.01	28.4	7.26	28.3	7.39	28.3	7.52	28.2	7.78
		-8.5	-9.1	29.0	6.80	28.9	7.05	28.9	7.30	28.8	7.43	28.8	7.55	28.7	7.80
		-7.0	-7.6	29.9	6.92	29.9	7.16	29.8	7.40	29.8	7.52	29.7	7.65	29.7	7.89
		-4.4	-5.0	31.9	7.28	31.8	7.51	31.7	7.74	31.7	7.85	31.6	7.97	31.6	8.20
		-3.0	-3.7	33.0	7.59	32.9	7.81	32.8	8.02	32.8	8.15	32.8	8.27	32.7	8.49
		0.0	-0.7	36.0	8.52	35.9	8.75	35.9	8.97	35.8	9.08	35.8	9.19	35.7	9.40
		3.0	2.2	39.6	9.71	39.5	9.93	39.4	10.2	39.4	10.3	38.3	9.96	35.7	9.16
		5.0	4.0	42.1	10.6	42.1	10.8	41.0	10.6	39.6	10.2	38.3	9.82	35.7	9.04
		7.0	6.0	37.4	8.82	37.3	9.03	37.3	9.23	37.2	9.34	37.2	9.44	35.7	9.05
		9.0	7.9	39.3	9.01	39.2	9.20	39.2	9.40	39.1	9.50	38.3	9.29	35.7	8.51
		11.0	9.8	41.3	9.18	41.2	9.37	41.0	9.47	39.6	9.10	38.3	8.73	35.7	8.01
		13.0	11.8	43.5	9.36	43.4	9.54	41.0	8.88	39.6	8.53	38.3	8.19	35.7	7.52
		15.0	13.7	45.6	9.52	43.6	9.02	41.0	8.36	39.6	8.04	38.3	7.72	35.7	7.10
120	33.60	-24.9	-25.0	24.1	7.63	24.0	7.96	24.0	8.30	23.9	8.47	23.9	8.64	23.8	8.98
		-22.8	-23.0	24.4	7.46	24.3	7.78	24.3	8.10	24.2	8.27	24.2	8.43	24.1	8.75
		-21.8	-22.0	24.6	7.39	24.5	7.70	24.4	8.02	24.4	8.18	24.4	8.34	24.3	8.65
		-20.8	-21.0	24.8	7.32	24.7	7.63	24.6	7.94	24.6	8.10	24.6	8.25	24.5	8.56
		-19.8	-20.0	24.9	7.27	24.9	7.57	24.8	7.87	24.8	8.02	24.7	8.18	24.7	8.48
		-18.8	-19.0	25.2	7.22	25.1	7.51	25.0	7.81	25.0	7.96	25.0	8.11	24.9	8.40
		-16.7	-17.0	25.7	7.14	25.6	7.42	25.5	7.70	25.5	7.84	25.5	7.98	25.4	8.27
		-13.7	-15.0	26.3	7.08	26.2	7.35	26.1	7.62	26.1	7.75	26.1	7.89	26.0	8.16
		-11.8	-13.0	27.0	7.05	26.9	7.31	26.9	7.56	26.8	7.69	26.8	7.82	26.7	8.08
		-9.8	-11.0	27.9	7.07	27.8	7.31	27.8	7.55	27.7	7.68	27.7	7.80	27.6	8.04
		-9.5	-10.0	28.4	7.10	28.3	7.33	28.3	7.57	28.2	7.69	28.2	7.81	28.1	8.04
		-8.5	-9.1	28.9	7.14	28.8	7.37	28.8	7.60	28.7	7.72	28.7	7.83	28.6	8.06
		-7.0	-7.6	29.8	7.25	29.8	7.47	29.7	7.69	29.7	7.80	29.6	7.92	29.6	8.14
		-4.4	-5.0	31.8	7.59	31.7	7.80	31.6	8.01	31.6	8.12	31.6	8.22	31.5	8.43
		-3.0	-3.7	32.9	7.89	32.8	8.10	32.8	8.29	32.7	8.41	32.7	8.52	32.6	8.73
		0.0	-0.7	35.9	8.82	35.8	9.03	35.8	9.23	35.7	9.33	35.4	9.30	32.9	8.55
		3.0	2.2	39.5	10.01	39.4	10.2	37.8	9.80	36.6	9.43	35.4	9.06	32.9	8.35
		5.0	4.0	42.0	10.9	40.2	10.4	37.8	9.66	36.6	9.31	35.4	8.95	32.9	8.26
		7.0	6.0	37.3	9.10	37.3	9.29	37.2	9.48	36.6	9.33	35.4	8.95	32.9	8.21
		9.0	7.9	39.2	9.27	39.1	9.46	37.8	9.13	36.6	8.77	35.4	8.42	32.9	7.73
		11.0	9.8	41.2	9.44	40.2	9.27	37.8	8.59	36.6	8.25	35.4	7.92	32.9	7.28
		13.0	11.8	42.7	9.34	40.2	8.69	37.8	8.06	36.6	7.75	35.4	7.44	32.9	6.85
		15.0	13.7	42.7	8.79	40.2	8.18	37.8	7.60	36.6	7.31	35.4	7.02	32.9	6.47
110	30.80	-24.9	-25.0	24.0	8.12	23.9	8.43	23.9	8.74	23.9	8.90	23.8	9.05	23.8	9.36
		-22.8	-23.0	24.3	7.93	24.2	8.23	24.2	8.52	24.2	8.67	24.1	8.82	24.1	9.12
		-21.8	-22.0	24.5	7.85	24.4	8.14	24.4	8.43	24.3	8.57	24.3	8.72	24.2	9.01
		-20.8	-21.0	24.7	7.78	24.6	8.06	24.5	8.34	24.5	8.49	24.5	8.63	24.4	8.91
		-19.8	-20.0	24.9	7.71	24.8	7.99	24.7	8.27	24.7	8.40	24.7	8.54	24.6	8.82
		-18.8	-19.0	25.1	7.65	25.0	7.92	24.9	8.19	24.9	8.33	24.9	8.47	24.8	8.74
		-16.7	-17.0	25.6	7.55	25.5	7.81	25.4	8.07	25.4	8.20	25.4	8.33	25.3	8.59
		-13.7	-15.0	26.2	7.47	26.1	7.72	26.0	7.97	26.0	8.09	26.0	8.21	25.9	8.46
		-11.8	-13.0	26.9	7.43	26.8	7.66	26.8	7.90	26.7	8.01	26.7	8.13	26.7	8.36
		-9.8	-11.0	27.8	7.42	27.7	7.65	27.7	7.87	27.6	7.98	27.6	8.09	27.6	8.31
		-9.5	-10.0	28.3	7.44	28.3	7.66	28.2	7.88	28.2	7.99	28.1	8.09	28.1	8.31
		-8.5	-9.1	28.8	7.48	28.8	7.69	28.7	7.90	28.7	8.01	28.6	8.11	28.6	8.32
		-7.0	-7.6	29.8	7.57	29.7	7.78	29.6	7.98	29.6	8.08	29.6	8.19	29.5	8.39
		-4.4	-5.0	31.7	7.90	31.6	8.09	31.5	8.29	31.5	8.38	31.5	8.48	30.2	8.16
		-3.0	-3.7	32.8	8.20	32.7	8.39	32.7	8.55	32.6	8.68	32.4	8.70	30.2	8.00
		0.0	-0.7	35.8	9.12	35.7	9.31	34.7	9.08	33.5	8.74	32.4	8.40	30.2	7.73
		3.0	2.2	39.1	10.2	36.9	9.52	34.7	8.85	33.5	8.52	32.4	8.20	30.2	7.57
		5.0	4.0	39.1	10.1	36.9	9.39	34.7	8.74	33.5	8.43	32.4	8.11	30.2	7.50
		7.0	6.0	37.2	9.38	36.9	9.43	34.7	8.73	33.5	8.39	32.4	8.05	30.2	7.40
		9.0	7.9	39.1	9.52	36.9	8.86	34.7	8.21	33.5	7.89	32.4	7.58	30.2	6.97
		11.0	9.8	39.1	8.95	36.9	8.33	34.7	7.73	33.5	7.44	32.4	7.15	30.2	6.58
		13.0	11.8	39.1	8.39	36.9	7.82	34.7	7.26	33.5	6.99	32.4	6.72	30.2	6.20
		15.0	13.7	39.1	7.91	36.9	7.38	34.7	6.86	33.5	6.60	32.4	6.35	30.2	5.86

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
100	28.00	-24.9	-25.0	23.9	8.62	23.9	8.90	23.8	9.18	23.8	9.32	23.7	9.46	23.7	9.74
		-22.8	-23.0	24.2	8.40	24.2	8.67	24.1	8.94	24.1	9.08	24.0	9.21	24.0	9.48
		-21.8	-22.0	24.4	8.31	24.3	8.58	24.3	8.84	24.2	8.97	24.2	9.10	24.2	9.37
		-20.8	-21.0	24.6	8.23	24.5	8.49	24.4	8.75	24.4	8.87	24.4	9.00	24.3	9.26
		-19.8	-20.0	24.8	8.15	24.7	8.41	24.6	8.66	24.6	8.78	24.6	8.91	24.5	9.16
		-18.8	-19.0	25.0	8.08	24.9	8.33	24.9	8.58	24.8	8.70	24.8	8.82	24.7	9.07
		-16.7	-17.0	25.5	7.96	25.4	8.20	25.4	8.43	25.3	8.55	25.3	8.67	25.2	8.91
		-13.7	-15.0	26.1	7.87	26.0	8.09	25.9	8.32	25.9	8.43	25.9	8.54	25.8	8.76
		-11.8	-13.0	26.8	7.80	26.7	8.01	26.7	8.23	26.7	8.33	26.6	8.44	26.6	8.65
		-9.8	-11.0	27.7	7.78	27.6	7.98	27.6	8.18	27.6	8.28	27.5	8.38	27.5	8.58
		-9.5	-10.0	28.2	7.79	28.2	7.99	28.0	8.18	28.1	8.28	28.0	8.38	27.5	8.32
		-8.5	-9.1	28.7	7.82	28.7	8.01	28.6	8.20	28.6	8.30	28.6	8.39	27.5	8.11
		-7.0	-7.6	29.7	7.90	29.6	8.08	29.5	8.27	29.5	8.36	29.5	8.45	27.5	7.77
		-4.4	-5.0	31.6	8.21	31.5	8.38	31.5	8.56	30.5	8.25	29.5	7.93	27.5	7.30
		-3.0	-3.7	32.7	8.50	32.6	8.68	31.5	8.38	30.5	8.09	29.5	7.77	27.5	7.16
		0.0	-0.7	35.5	9.36	33.5	8.73	31.5	8.12	30.5	7.82	29.5	7.52	27.5	6.94
		3.0	2.2	35.5	9.12	33.5	8.52	31.5	7.94	30.5	7.65	29.5	7.37	27.5	6.81
		5.0	4.0	35.5	9.00	33.5	8.42	31.5	7.86	30.5	7.58	29.5	7.30	27.5	6.76
		7.0	6.0	35.5	9.01	33.5	8.39	31.5	7.78	30.5	7.48	29.5	7.19	27.5	6.62
		9.0	7.9	35.5	8.47	33.5	7.89	31.5	7.33	30.5	7.05	29.5	6.78	27.5	6.25
		11.0	9.8	35.5	7.97	33.5	7.43	31.5	6.91	30.5	6.65	29.5	6.40	27.5	5.90
		13.0	11.8	35.5	7.49	33.5	6.99	31.5	6.50	30.5	6.26	29.5	6.03	27.5	5.57
		15.0	13.7	35.5	7.06	33.5	6.60	31.5	6.15	30.5	5.92	29.5	5.70	27.5	5.27
90	25.20	-24.9	-25.0	23.8	9.11	23.8	9.37	23.7	9.62	23.7	9.75	23.7	9.87	23.6	10.1
		-22.8	-23.0	24.1	8.88	24.1	9.12	24.0	9.36	24.0	9.48	24.0	9.60	23.9	9.85
		-21.8	-22.0	24.3	8.78	24.2	9.01	24.2	9.25	24.2	9.37	24.1	9.49	24.1	9.72
		-20.8	-21.0	24.5	8.68	24.4	8.91	24.4	9.15	24.3	9.26	24.3	9.38	24.3	9.61
		-19.8	-20.0	24.7	8.60	24.6	8.82	24.6	9.05	24.5	9.16	24.5	9.28	24.5	9.50
		-18.8	-19.0	24.9	8.52	24.8	8.74	24.8	8.96	24.7	9.07	24.7	9.18	24.7	9.41
		-16.7	-17.0	25.4	8.38	25.3	8.59	25.3	8.80	25.2	8.91	25.2	9.01	24.7	8.97
		-13.7	-15.0	26.0	8.26	25.9	8.46	25.9	8.66	25.8	8.77	25.8	8.87	24.7	8.50
		-11.8	-13.0	26.7	8.18	26.7	8.37	26.6	8.56	26.6	8.65	26.5	8.74	24.7	8.03
		-9.8	-11.0	27.6	8.13	27.6	8.32	27.5	8.50	27.4	8.57	26.5	8.23	24.7	7.57
		-9.5	-10.0	28.1	8.14	28.1	8.31	28.0	8.49	27.4	8.32	26.5	7.99	24.7	7.36
		-8.5	-9.1	28.6	8.15	28.6	8.33	28.4	8.42	27.4	8.10	26.5	7.79	24.7	7.17
		-7.0	-7.6	29.6	8.22	29.5	8.39	28.4	8.07	27.4	7.77	26.5	7.47	24.7	6.88
		-4.4	-5.0	31.5	8.52	30.2	8.15	28.4	7.58	27.4	7.30	26.5	7.02	24.7	6.47
		-3.0	-3.7	32.0	8.56	30.2	7.99	28.4	7.41	27.4	7.16	26.5	6.89	24.7	6.36
		0.0	-0.7	32.0	8.27	30.2	7.73	28.4	7.20	27.4	6.94	26.5	6.68	24.7	6.18
		3.0	2.2	32.0	8.08	30.2	7.56	28.4	7.06	27.4	6.81	26.5	6.56	24.7	6.08
		5.0	4.0	32.0	7.99	30.2	7.49	28.4	7.00	27.4	6.76	26.5	6.52	24.7	6.05
		7.0	6.0	32.0	7.93	30.2	7.39	28.4	6.87	27.4	6.62	26.5	6.36	24.7	5.87
		9.0	7.9	32.0	7.46	30.2	6.97	28.4	6.48	27.4	6.24	26.5	6.01	24.7	5.55
		11.0	9.8	32.0	7.04	30.2	6.57	28.4	6.12	27.4	5.90	26.5	5.68	24.7	5.25
		13.0	11.8	32.0	6.62	30.2	6.19	28.4	5.77	27.4	5.56	26.5	5.36	24.7	4.96
		15.0	13.7	32.0	6.26	30.2	5.85	28.4	5.46	27.4	5.27	26.5	5.08	24.7	4.71
80	22.40	-24.9	-25.0	23.7	9.61	23.7	9.83	23.6	10.1	23.6	10.2	23.6	10.3	22.0	9.46
		-22.8	-23.0	24.0	9.35	24.0	9.57	23.9	9.78	23.9	9.89	23.6	9.80	22.0	9.01
		-21.8	-22.0	24.2	9.24	24.1	9.45	24.1	9.66	24.1	9.77	23.6	9.58	22.0	8.81
		-20.8	-21.0	24.4	9.14	24.3	9.34	24.3	9.55	24.3	9.65	23.6	9.36	22.0	8.60
		-19.8	-20.0	24.6	9.04	24.5	9.24	24.5	9.44	24.4	9.51	23.6	9.14	22.0	8.41
		-18.8	-19.0	24.8	8.95	24.7	9.15	24.7	9.35	24.4	9.29	23.6	8.92	22.0	8.21
		-16.7	-17.0	25.3	8.79	25.2	8.98	25.2	9.17	24.4	8.83	23.6	8.49	22.0	7.81
		-13.7	-15.0	25.9	8.65	25.8	8.83	25.2	8.70	24.4	8.37	23.6	8.05	22.0	7.41
		-11.8	-13.0	26.6	8.55	26.6	8.72	25.2	8.22	24.4	7.91	23.6	7.61	22.0	7.01
		-9.8	-11.0	27.5	8.49	26.8	8.34	25.2	7.75	24.4	7.46	23.6	7.18	22.0	6.62
		-9.5	-10.0	28.0	8.48	26.8	8.10	25.2	7.53	24.4	7.25	23.6	6.97	22.0	6.43
		-8.5	-9.1	28.4	8.45	26.8	7.89	25.2	7.33	24.4	7.06	23.6	6.79	22.0	6.27
		-7.0	-7.6	28.4	8.10	26.8	7.56	25.2	7.04	24.4	6.78	23.6	6.52	22.0	6.02
		-4.4	-5.0	28.4	7.60	26.8	7.11	25.2	6.62	24.4	6.38	23.6	6.14	22.0	5.68
		-3.0	-3.7	28.4	7.46	26.8	6.97	25.2	6.48	24.4	6.27	23.6	6.04	22.0	5.59
		0.0	-0.7	28.4	7.22	26.8	6.77	25.2	6.32	24.4	6.10	23.6	5.88	22.0	5.45
		3.0	2.2	28.4	7.08	26.8	6.64	25.2	6.21	24.4	6.00	23.6	5.79	22.0	5.38
		5.0	4.0	28.4	7.02	26.8	6.59	25.2	6.18	24.4	5.97	23.6	5.76	22.0	5.36
		7.0	6.0	28.4	6.90	26.8	6.44	25.2	6.00	24.4	5.79	23.6	5.57	22.0	5.15
		9.0	7.9	28.4	6.50	26.8	6.08	25.2	5.67	24.4	5.47	23.6	5.27	22.0	4.88
		11.0	9.8	28.4	6.14	26.8	5.75	25.2	5.37	24.4	5.18	23.6	4.99	22.0	4.63
		13.0	11.8	28.4	5.79	26.8	5.42	25.2	5.07	24.4	4.89	23.6	4.72	22.0	4.38
		15.0	13.7	28.4	5.48	26.8	5.14	25.2	4.81	24.4	4.64	23.6	4.48	22.0	4.16

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ10PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
70	19.60	-24.9	-25.0	23.6	10.1	23.5	10.2	22.1	9.50	21.3	9.15	20.6	8.79	19.2	8.11
		-22.8	-23.0	23.9	9.82	23.5	9.75	22.1	9.06	21.3	8.72	20.6	8.38	19.2	7.73
		-21.8	-22.0	24.1	9.70	23.5	9.52	22.1	8.85	21.3	8.52	20.6	8.19	19.2	7.55
		-20.8	-21.0	24.3	9.59	23.5	9.30	22.1	8.65	21.3	8.32	20.6	8.01	19.2	7.38
		-19.8	-20.0	24.5	9.48	23.5	9.09	22.1	8.45	21.3	8.13	20.6	7.82	19.2	7.22
		-18.8	-19.0	24.7	9.38	23.5	8.87	22.1	8.25	21.3	7.94	20.6	7.64	19.2	7.05
		-16.7	-17.0	24.9	9.05	23.5	8.44	22.1	7.85	21.3	7.56	20.6	7.27	19.2	6.71
		-13.7	-15.0	24.9	8.57	23.5	8.00	22.1	7.45	21.3	7.17	20.6	6.90	19.2	6.38
		-11.8	-13.0	24.9	8.10	23.5	7.56	22.1	7.04	21.3	6.79	20.6	6.53	19.2	6.04
		-9.8	-11.0	24.9	7.64	23.5	7.14	22.1	6.65	21.3	6.41	20.6	6.17	19.2	5.71
		-9.5	-10.0	24.9	7.42	23.5	6.93	22.1	6.46	21.3	6.23	20.6	6.00	19.2	5.55
		-8.5	-9.1	24.9	7.23	23.5	6.76	22.1	6.30	21.3	6.07	20.6	5.85	19.2	5.41
		-7.0	-7.6	24.9	6.93	23.5	6.49	22.1	6.05	21.3	5.84	20.6	5.62	19.2	5.21
		-4.4	-5.0	24.9	6.53	23.5	6.11	22.1	5.71	21.3	5.51	20.6	5.31	19.2	4.93
		-3.0	-3.7	24.9	6.41	23.5	6.01	22.1	5.60	21.3	5.42	20.6	5.23	19.2	4.85
		0.0	-0.7	24.9	6.23	23.5	5.85	22.1	5.47	21.3	5.29	20.6	5.11	19.2	4.75
		3.0	2.2	24.9	6.13	23.5	5.76	22.1	5.40	21.3	5.23	20.6	5.05	19.2	4.71
		5.0	4.0	24.9	6.09	23.5	5.74	22.1	5.38	21.3	5.21	20.6	5.04	19.2	4.70
		7.0	6.0	24.9	5.92	23.5	5.54	22.1	5.18	21.3	5.00	20.6	4.82	19.2	4.47
		9.0	7.9	24.9	5.59	23.5	5.24	22.1	4.90	21.3	4.73	20.6	4.57	19.2	4.24
		11.0	9.8	24.9	5.29	23.5	4.97	22.1	4.65	21.3	4.49	20.6	4.33	19.2	4.03
		13.0	11.8	24.9	5.00	23.5	4.69	22.1	4.40	21.3	4.25	20.6	4.10	19.2	3.82
		15.0	13.7	24.9	4.74	23.5	4.46	22.1	4.18	21.3	4.04	20.6	3.90	19.2	3.63
60	16.80	-24.9	-25.0	21.3	9.14	20.1	8.54	18.9	7.96	18.3	7.67	17.7	7.39	16.5	6.83
		-22.8	-23.0	21.3	8.71	20.1	8.14	18.9	7.59	18.3	7.31	17.7	7.04	16.5	6.52
		-21.8	-22.0	21.3	8.51	20.1	7.96	18.9	7.41	18.3	7.15	17.7	6.89	16.5	6.37
		-20.8	-21.0	21.3	8.32	20.1	7.78	18.9	7.25	18.3	6.99	17.7	6.73	16.5	6.23
		-19.8	-20.0	21.3	8.13	20.1	7.60	18.9	7.08	18.3	6.83	17.7	6.58	16.5	6.09
		-18.8	-19.0	21.3	7.94	20.1	7.42	18.9	6.92	18.3	6.67	17.7	6.43	16.5	5.95
		-16.7	-17.0	21.3	7.55	20.1	7.07	18.9	6.59	18.3	6.36	17.7	6.13	16.5	5.67
		-13.7	-15.0	21.3	7.17	20.1	6.71	18.9	6.26	18.3	6.04	17.7	5.82	16.5	5.39
		-11.8	-13.0	21.3	6.78	20.1	6.35	18.9	5.93	18.3	5.72	17.7	5.52	16.5	5.11
		-9.8	-11.0	21.3	6.40	20.1	6.00	18.9	5.60	18.3	5.41	17.7	5.22	16.5	4.84
		-9.5	-10.0	21.3	6.22	20.1	5.83	18.9	5.45	18.3	5.26	17.7	5.08	16.5	4.71
		-8.5	-9.1	21.3	6.07	20.1	5.69	18.9	5.32	18.3	5.14	17.7	4.96	16.5	4.60
		-7.0	-7.6	21.3	5.83	20.1	5.47	18.9	5.12	18.3	4.94	17.7	4.77	16.5	4.43
		-4.4	-5.0	21.3	5.50	20.1	5.17	18.9	4.84	18.3	4.68	17.7	4.52	16.5	4.20
		-3.0	-3.7	21.3	5.42	20.1	5.09	18.9	4.75	18.3	4.61	17.7	4.45	16.5	4.15
		0.0	-0.7	21.3	5.29	20.1	4.97	18.9	4.67	18.3	4.52	17.7	4.37	16.5	4.07
		3.0	2.2	21.3	5.22	20.1	4.92	18.9	4.63	18.3	4.48	17.7	4.34	16.5	4.06
		5.0	4.0	21.3	5.21	20.1	4.91	18.9	4.63	18.3	4.48	17.7	4.34	16.5	4.06
		7.0	6.0	21.3	4.99	20.1	4.69	18.9	4.39	18.3	4.24	17.7	4.10	16.5	3.81
		9.0	7.9	21.3	4.73	20.1	4.45	18.9	4.17	18.3	4.03	17.7	3.89	16.5	3.63
		11.0	9.8	21.3	4.49	20.1	4.22	18.9	3.96	18.3	3.83	17.7	3.70	16.5	3.45
		13.0	11.8	21.3	4.25	20.1	4.00	18.9	3.75	18.3	3.63	17.7	3.52	16.5	3.28
		15.0	13.7	21.3	4.04	20.1	3.80	18.9	3.58	18.3	3.46	17.7	3.35	16.5	3.13
50	14.00	-24.9	-25.0	17.8	7.43	16.8	6.96	15.8	6.51	15.2	6.28	14.7	6.06	13.7	5.63
		-22.8	-23.0	17.8	7.08	16.8	6.64	15.8	6.21	15.2	6.00	14.7	5.78	13.7	5.37
		-21.8	-22.0	17.8	6.92	16.8	6.49	15.8	6.07	15.2	5.86	14.7	5.66	13.7	5.25
		-20.8	-21.0	17.8	6.77	16.8	6.35	15.8	5.94	15.2	5.73	14.7	5.53	13.7	5.14
		-19.8	-20.0	17.8	6.62	16.8	6.21	15.8	5.80	15.2	5.61	14.7	5.41	13.7	5.03
		-18.8	-19.0	17.8	6.46	16.8	6.06	15.8	5.67	15.2	5.48	14.7	5.29	13.7	4.91
		-16.7	-17.0	17.8	6.16	16.8	5.78	15.8	5.41	15.2	5.23	14.7	5.05	13.7	4.69
		-13.7	-15.0	17.8	5.85	16.8	5.49	15.8	5.14	15.2	4.97	14.7	4.80	13.7	4.46
		-11.8	-13.0	17.8	5.54	16.8	5.21	15.8	4.88	15.2	4.72	14.7	4.55	13.7	4.24
		-9.8	-11.0	17.8	5.25	16.8	4.93	15.8	4.62	15.2	4.47	14.7	4.32	13.7	4.02
		-9.5	-10.0	17.8	5.10	16.8	4.80	15.8	4.50	15.2	4.35	14.7	4.20	13.7	3.92
		-8.5	-9.1	17.8	4.98	16.8	4.68	15.8	4.39	15.2	4.25	14.7	4.11	13.7	3.83
		-7.0	-7.6	17.8	4.80	16.8	4.51	15.8	4.23	15.2	4.10	14.7	3.96	13.7	3.69
		-4.4	-5.0	17.8	4.54	16.8	4.28	15.8	4.02	15.2	3.89	14.7	3.76	13.7	3.52
		-3.0	-3.7	17.8	4.46	16.8	4.20	15.8	3.95	15.2	3.82	14.7	3.70	13.7	3.46
		0.0	-0.7	17.8	4.39	16.8	4.15	15.8	3.90	15.2	3.78	14.7	3.67	13.7	3.43
		3.0	2.2	17.8	4.54	16.8	4.29	15.8	4.05	15.2	3.92	14.7	3.81	13.7	3.57
		5.0	4.0	17.8	4.74	16.8	4.48	15.8	4.23	15.2	4.11	14.7	3.99	13.7	3.75
		7.0	6.0	17.8	4.12	16.8	3.88	15.8	3.65	15.2	3.53	14.7	3.41	13.7	3.19
		9.0	7.9	17.8	3.91	16.8	3.69	15.8	3.47	15.2	3.36	14.7	3.25	13.7	3.04
		11.0	9.8	17.8	3.72	16.8	3.51	15.8	3.30	15.2	3.20	14.7	3.10	13.7	2.90
		13.0	11.8	17.8	3.53	16.8	3.34	15.8	3.14	15.2	3.05	14.7	2.95	13.7	2.77
		15.0	13.7	17.8	3.37	16.8	3.18	15.8	3.00	15.2	2.91	14.7	2.82	13.7	2.65

CC08A004(3)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft
Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται
se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante
est montré comme référence.Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par
valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore
is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door
показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в
referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçının
2. The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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	52.00	-24.9	-25.0	29.9	8.30	29.8	8.88	29.7	9.47	29.6	9.76	29.6	10.1	29.5	10.6
		-22.8	-23.0	31.4	8.78	31.3	9.33	31.2	9.88	31.1	10.2	31.1	10.4	31.0	11.0
		-21.8	-22.0	32.1	8.97	32.0	9.50	31.9	10.0	31.8	10.3	31.8	10.6	31.7	11.1
		-20.8	-21.0	32.8	9.13	32.7	9.65	32.6	10.2	32.5	10.4	32.4	10.7	32.3	11.2
		-19.8	-20.0	33.4	9.27	33.3	9.78	33.2	10.3	33.2	10.5	33.1	10.8	33.0	11.3
		-18.8	-19.0	34.1	9.40	34.0	9.90	33.9	10.4	33.9	10.6	33.8	10.9	33.7	11.4
		-16.7	-17.0	35.5	9.63	35.4	10.1	35.3	10.6	35.2	10.8	35.2	11.0	35.0	11.5
		-13.7	-15.0	36.8	9.85	36.7	10.3	36.6	10.7	36.6	11.0	36.5	11.2	36.4	11.6
		-11.8	-13.0	38.3	10.1	38.2	10.5	38.1	10.9	38.0	11.2	38.0	11.4	37.9	11.8
		-9.8	-11.0	39.9	10.4	39.8	10.8	39.6	11.2	39.6	11.4	39.5	11.6	39.4	12.0
		-9.5	-10.0	40.7	10.5	40.6	10.9	40.5	11.3	40.4	11.5	40.4	11.7	40.3	12.1
		-8.5	-9.1	41.5	10.7	41.4	11.1	41.3	11.5	41.2	11.7	41.2	11.9	41.1	12.3
		-7.0	-7.6	42.9	11.0	42.8	11.4	42.6	11.7	42.6	11.9	42.5	12.1	42.4	12.5
		-4.4	-5.0	45.5	11.6	45.4	11.9	45.3	12.3	45.3	12.5	45.2	12.6	45.1	13.0
		-3.0	-3.7	47.0	12.1	46.9	12.4	46.8	12.7	46.8	13.0	46.7	13.1	46.6	13.5
		0.0	-0.7	51.0	13.3	50.9	13.6	50.8	14.0	50.7	14.1	50.7	14.3	50.6	14.7
		3.0	2.2	55.5	14.5	55.4	14.9	55.3	15.2	55.2	15.4	54.7	15.3	51.0	14.1
		5.0	4.0	58.7	15.3	58.6	15.7	58.5	16.0	56.6	15.4	54.7	14.8	51.0	13.6
		7.0	6.0	51.4	12.1	51.3	12.4	51.2	12.7	51.2	12.8	51.1	13.0	51.0	13.3
		9.0	7.9	53.9	12.3	53.8	12.6	53.7	12.9	53.7	13.0	53.6	13.2	51.0	12.5
		11.0	9.8	56.6	12.6	56.5	12.8	56.4	13.1	56.3	13.3	54.7	12.8	51.0	11.8
		13.0	11.8	59.5	12.8	59.4	13.1	58.5	13.1	56.6	12.6	54.7	12.0	51.0	11.1
		15.0	13.7	62.3	13.0	62.2	13.3	58.5	12.3	56.6	11.8	54.7	11.4	51.0	10.4
120	48.00	-24.9	-25.0	29.8	9.09	29.7	9.63	29.6	10.2	29.5	10.4	29.5	10.7	29.4	11.2
		-22.8	-23.0	31.2	9.52	31.1	10.0	31.0	10.5	31.0	10.8	30.9	11.1	30.8	11.6
		-21.8	-22.0	31.9	9.69	31.8	10.2	31.7	10.7	31.7	10.9	31.6	11.2	31.5	11.7
		-20.8	-21.0	32.6	9.84	32.5	10.3	32.4	10.8	32.4	11.0	32.3	11.3	32.2	11.8
		-19.8	-20.0	33.3	9.96	33.2	10.4	33.1	10.9	33.1	11.1	33.0	11.4	32.9	11.8
		-18.8	-19.0	34.0	10.1	33.9	10.5	33.8	11.0	33.7	11.2	33.7	11.4	33.6	11.9
		-16.7	-17.0	35.3	10.3	35.2	10.7	35.1	11.1	35.1	11.4	35.0	11.6	34.9	12.0
		-13.7	-15.0	36.7	10.5	36.6	10.9	36.5	11.3	36.5	11.5	36.4	11.7	36.3	12.1
		-11.8	-13.0	38.2	10.7	38.1	11.1	38.0	11.5	37.9	11.7	37.9	11.9	37.8	12.2
		-9.8	-11.0	39.7	10.9	39.6	11.3	39.5	11.7	39.5	11.9	39.4	12.1	39.3	12.4
		-9.5	-10.0	40.5	11.1	40.5	11.4	40.4	11.8	40.3	12.0	40.3	12.2	40.2	12.6
		-8.5	-9.1	41.3	11.2	41.2	11.6	41.1	11.9	41.1	12.1	41.0	12.3	40.9	12.7
		-7.0	-7.6	42.7	11.5	42.6	11.8	42.5	12.2	42.5	12.4	42.4	12.6	42.3	12.9
		-4.4	-5.0	45.4	12.0	45.3	12.4	45.2	12.7	45.2	12.9	45.1	13.1	45.0	13.4
		-3.0	-3.7	46.9	12.5	46.8	12.9	46.7	13.2	46.7	13.4	46.6	13.5	46.5	13.9
		0.0	-0.7	50.8	13.7	50.7	14.1	50.6	14.4	50.6	14.5	50.5	14.7	47.1	13.5
		3.0	2.2	55.3	15.0	55.2	15.3	54.0	15.1	52.3	14.5	50.5	14.0	47.1	12.9
		5.0	4.0	58.5	15.8	57.5	15.7	54.0	14.6	52.3	14.0	50.5	13.5	47.1	12.4
		7.0	6.0	51.3	12.5	51.2	12.7	51.1	13.0	51.0	13.2	50.5	13.1	47.1	12.0
		9.0	7.9	53.8	12.7	53.7	13.0	53.6	13.2	52.3	12.9	50.5	12.3	47.1	11.3
		11.0	9.8	56.4	12.9	56.3	13.2	54.0	12.6	52.3	12.1	50.5	11.6	47.1	10.7
		13.0	11.8	59.3	13.2	57.5	12.8	54.0	11.9	52.3	11.4	50.5	10.9	47.1	10.1
		15.0	13.7	60.9	12.9	57.5	12.1	54.0	11.2	52.3	10.8	50.5	10.3	47.1	9.52
110	44.00	-24.9	-25.0	29.6	9.88	29.5	10.4	29.4	10.9	29.4	11.1	29.4	11.4	29.3	11.9
		-22.8	-23.0	31.1	10.3	31.0	10.7	30.9	11.2	30.9	11.4	30.8	11.7	30.7	12.2
		-21.8	-22.0	31.8	10.4	31.7	10.9	31.6	11.3	31.6	11.6	31.5	11.8	31.4	12.2
		-20.8	-21.0	32.5	10.5	32.4	11.0	32.3	11.4	32.3	11.7	32.2	11.9	32.1	12.3
		-19.8	-20.0	33.2	10.7	33.1	11.1	33.0	11.5	32.9	11.7	32.9	11.9	32.8	12.4
		-18.8	-19.0	33.8	10.7	33.7	11.2	33.7	11.6	33.6	11.8	33.6	12.0	33.5	12.4
		-16.7	-17.0	35.2	10.9	35.1	11.3	35.0	11.7	35.0	11.9	34.9	12.1	34.8	12.5
		-13.7	-15.0	36.6	11.1	36.5	11.4	36.4	11.8	36.3	12.0	36.3	12.2	36.2	12.6
		-11.8	-13.0	38.0	11.2	37.9	11.6	37.8	12.0	37.8	12.2	37.8	12.3	37.7	12.7
		-9.8	-11.0	39.6	11.5	39.5	11.8	39.4	12.2	39.4	12.3	39.3	12.5	39.2	12.9
		-9.5	-10.0	40.4	11.6	40.3	12.0	40.2	12.3	40.2	12.5	40.1	12.6	40.1	13.0
		-8.5	-9.1	41.2	11.8	41.1	12.1	41.0	12.4	41.0	12.6	40.9	12.8	40.8	13.1
		-7.0	-7.6	42.6	12.0	42.5	12.3	42.4	12.7	42.4	12.8	42.3	13.0	42.2	13.3
		-4.4	-5.0	45.3	12.5	45.2	12.8	45.1	13.2	45.0	13.3	45.0	13.5	43.1	12.9
		-3.0	-3.7	46.8	13.0	46.7	13.3	46.6	13.6	46.5	13.8	46.3	13.9	43.1	12.7
		0.0	-0.7	50.7	14.2	50.6	14.5	49.5	14.4	47.9	13.8	46.3	13.3	43.1	12.2
		3.0	2.2	55.2	15.4	52.7	14.7	49.5	13.6	47.9	13.1	46.3	12.6	43.1	11.7
		5.0	4.0	55.9	15.2	52.7	14.1	49.5	13.2	47.9	12.7	46.3	12.2	43.1	11.3
		7.0	6.0	51.1	12.9	51.0	13.1	49.5	12.8	47.9	12.3	46.3	11.8	43.1	10.8
		9.0	7.9	53.7	13.1	52.7	13.0	49.5	12.0	47.9	11.6	46.3	11.1	43.1	10.2
		11.0	9.8	55.9	13.1	52.7	12.2	49.5	11.4	47.9	10.9	46.3	10.5	43.1	9.66
		13.0	11.8	55.9	12.3	52.7	11.5	49.5	10.7	47.9	10.3	46.3	9.89	43.1	9.11
		15.0	13.7	55.9	11.6	52.7	10.9	49.5	10.1	47.9	9.72	46.3	9.35	43.1	8.63

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
100	40.00	-24.9	-25.0	29.5	10.7	29.4	11.1	29.3	11.6	29.3	11.8	29.2	12.0	29.2	12.5
		-22.8	-23.0	30.9	11.0	30.9	11.4	30.8	11.9	30.7	12.1	30.7	12.3	30.6	12.7
		-21.8	-22.0	31.7	11.2	31.6	11.6	31.5	12.0	31.5	12.2	31.4	12.4	31.3	12.8
		-20.8	-21.0	32.3	11.3	32.3	11.7	32.2	12.1	32.1	12.3	32.1	12.5	32.0	12.9
		-19.8	-20.0	33.0	11.3	32.9	11.7	32.9	12.1	32.8	12.3	32.8	12.5	32.7	12.9
		-18.8	-19.0	33.7	11.4	33.6	11.8	33.5	12.2	33.5	12.4	33.5	12.6	33.4	12.9
		-16.7	-17.0	35.0	11.5	35.0	11.9	34.9	12.3	34.8	12.4	34.8	12.6	34.7	13.0
		-13.7	-15.0	36.4	11.7	36.3	12.0	36.2	12.4	36.2	12.5	36.2	12.7	36.1	13.0
		-11.8	-13.0	37.9	11.8	37.8	12.2	37.7	12.5	37.7	12.6	37.6	12.8	37.6	13.1
		-9.8	-11.0	39.4	12.0	39.4	12.3	39.3	12.7	39.2	12.8	39.2	13.0	39.1	13.3
		-9.5	-10.0	40.3	12.2	40.2	12.5	40.0	12.8	40.1	12.9	40.0	13.1	39.2	13.0
		-8.5	-9.1	41.1	12.3	41.0	12.6	40.9	12.9	40.9	13.0	40.8	13.2	39.2	12.7
		-7.0	-7.6	42.4	12.5	42.4	12.8	42.3	13.1	42.2	13.3	42.1	13.4	39.2	12.3
		-4.4	-5.0	45.1	13.0	45.0	13.3	45.0	13.6	43.6	13.1	42.1	12.6	39.2	11.6
		-3.0	-3.7	46.6	13.5	46.5	13.8	45.0	13.4	43.6	12.9	42.1	12.4	39.2	11.4
		0.0	-0.7	50.6	14.7	47.9	13.8	45.0	12.8	43.6	12.4	42.1	11.9	39.2	11.0
		3.0	2.2	50.8	14.0	47.9	13.1	45.0	12.2	43.6	11.8	42.1	11.3	39.2	10.5
		5.0	4.0	50.8	13.6	47.9	12.7	45.0	11.8	43.6	11.4	42.1	11.0	39.2	10.2
		7.0	6.0	50.8	13.2	47.9	12.3	45.0	11.4	43.6	11.0	42.1	10.5	39.2	9.70
		9.0	7.9	50.8	12.4	47.9	11.6	45.0	10.7	43.6	10.3	42.1	9.95	39.2	9.16
		11.0	9.8	50.8	11.7	47.9	10.9	45.0	10.1	43.6	9.77	42.1	9.40	39.2	8.67
		13.0	11.8	50.8	11.0	47.9	10.3	45.0	9.56	43.6	9.21	42.1	8.86	39.2	8.18
		15.0	13.7	50.8	10.4	47.9	9.72	45.0	9.05	43.6	8.72	42.1	8.39	39.2	7.76
90	36.00	-24.9	-25.0	29.3	11.5	29.3	11.9	29.2	12.3	29.2	12.5	29.1	12.7	29.1	13.1
		-22.8	-23.0	30.8	11.8	30.7	12.2	30.7	12.5	30.6	12.7	30.6	12.9	30.5	13.3
		-21.8	-22.0	31.5	11.9	31.4	12.3	31.4	12.6	31.3	12.8	31.3	13.0	31.2	13.4
		-20.8	-21.0	32.2	12.0	32.1	12.3	32.1	12.7	32.0	12.9	32.0	13.1	31.9	13.4
		-19.8	-20.0	32.9	12.0	32.8	12.4	32.7	12.7	32.7	12.9	32.7	13.1	32.6	13.4
		-18.8	-19.0	33.6	12.1	33.5	12.4	33.4	12.8	33.4	12.9	33.3	13.1	33.3	13.5
		-16.7	-17.0	34.9	12.2	34.8	12.5	34.8	12.8	34.7	13.0	34.7	13.2	34.6	13.5
		-13.7	-15.0	36.3	12.3	36.2	12.6	36.1	12.9	36.1	13.0	36.1	13.2	35.3	13.1
		-11.8	-13.0	37.7	12.4	37.7	12.7	37.6	13.0	37.6	13.1	37.5	13.3	35.3	12.4
		-9.8	-11.0	39.3	12.6	39.2	12.9	39.2	13.1	39.1	13.3	37.9	12.8	35.3	11.8
		-9.5	-10.0	40.1	12.7	40.1	13.0	40.0	13.3	39.2	13.0	37.9	12.5	35.3	11.5
		-8.5	-9.1	40.9	12.8	40.8	13.1	40.5	13.2	39.2	12.7	37.9	12.2	35.3	11.3
		-7.0	-7.6	42.3	13.0	42.2	13.3	40.5	12.8	39.2	12.3	37.9	11.8	35.3	10.9
		-4.4	-5.0	45.0	13.5	43.1	12.9	40.5	12.0	39.2	11.6	37.9	11.1	35.3	10.3
		-3.0	-3.7	45.7	13.6	43.1	12.7	40.5	11.8	39.2	11.4	37.9	11.0	35.3	10.1
		0.0	-0.7	45.7	13.1	43.1	12.2	40.5	11.4	39.2	11.0	37.9	10.6	35.3	9.76
		3.0	2.2	45.7	12.4	43.1	11.6	40.5	10.9	39.2	10.5	37.9	10.1	35.3	9.36
		5.0	4.0	45.7	12.0	43.1	11.3	40.5	10.5	39.2	10.2	37.9	9.79	35.3	9.08
		7.0	6.0	45.7	11.6	43.1	10.8	40.5	10.1	39.2	9.69	37.9	9.32	35.3	8.60
		9.0	7.9	45.7	10.9	43.1	10.2	40.5	9.51	39.2	9.16	37.9	8.81	35.3	8.14
		11.0	9.8	45.7	10.3	43.1	9.65	40.5	8.99	39.2	8.66	37.9	8.34	35.3	7.71
		13.0	11.8	45.7	9.73	43.1	9.10	40.5	8.48	39.2	8.18	37.9	7.88	35.3	7.29
		15.0	13.7	45.7	9.21	43.1	8.62	40.5	8.04	39.2	7.76	37.9	7.47	35.3	6.92
80	32.00	-24.9	-25.0	29.2	12.3	29.1	12.6	29.1	13.0	29.0	13.2	29.0	13.3	28.9	13.7
		-22.8	-23.0	30.7	12.5	30.6	12.9	30.5	13.2	30.5	13.4	30.5	13.5	30.4	13.9
		-21.8	-22.0	31.4	12.6	31.3	12.9	31.2	13.3	31.2	13.4	31.2	13.6	31.1	13.9
		-20.8	-21.0	32.1	12.7	32.0	13.0	31.9	13.3	31.9	13.5	31.9	13.6	31.4	13.7
		-19.8	-20.0	32.7	12.7	32.7	13.0	32.6	13.3	32.6	13.5	32.6	13.7	31.4	13.2
		-18.8	-19.0	33.4	12.8	33.4	13.1	33.3	13.4	33.3	13.5	33.2	13.7	31.4	12.8
		-16.7	-17.0	34.8	12.8	34.7	13.1	34.6	13.4	34.6	13.5	33.7	13.1	31.4	12.1
		-13.7	-15.0	36.1	12.9	36.1	13.2	36.0	13.4	34.8	12.9	33.7	12.4	31.4	11.4
		-11.8	-13.0	37.6	13.0	37.5	13.2	36.0	12.7	34.8	12.2	33.7	11.7	31.4	10.8
		-9.8	-11.0	39.2	13.1	38.3	13.0	36.0	12.1	34.8	11.6	33.7	11.2	31.4	10.3
		-9.5	-10.0	40.0	13.2	38.3	12.7	36.0	11.8	34.8	11.3	33.7	10.9	31.4	10.1
		-8.5	-9.1	40.6	13.3	38.3	12.4	36.0	11.5	34.8	11.1	33.7	10.7	31.4	9.85
		-7.0	-7.6	40.6	12.8	38.3	12.0	36.0	11.1	34.8	10.7	33.7	10.3	31.4	9.53
		-4.4	-5.0	40.6	12.1	38.3	11.3	36.0	10.5	34.8	10.1	33.7	9.75	31.4	9.01
		-3.0	-3.7	40.6	11.9	38.3	11.1	36.0	10.3	34.8	9.99	33.7	9.62	31.4	8.90
		0.0	-0.7	40.6	11.4	38.3	10.7	36.0	9.98	34.8	9.63	33.7	9.28	31.4	8.60
		3.0	2.2	40.6	10.9	38.3	10.2	36.0	9.55	34.8	9.23	33.7	8.91	31.4	8.27
		5.0	4.0	40.6	10.6	38.3	9.91	36.0	9.27	34.8	8.96	33.7	8.65	31.4	8.04
		7.0	6.0	40.6	10.1	38.3	9.44	36.0	8.80	34.8	8.48	33.7	8.17	31.4	7.55
		9.0	7.9	40.6	9.54	38.3	8.92	36.0	8.32	34.8	8.02	33.7	7.73	31.4	7.16
		11.0	9.8	40.6	9.02	38.3	8.44	36.0	7.88	34.8	7.60	33.7	7.33	31.4	6.79
		13.0	11.8	40.6	8.51	38.3	7.98	36.0	7.45	34.8	7.19	33.7	6.94	31.4	6.43
		15.0	13.7	40.6	8.07	38.3	7.56	36.0	7.07	34.8	6.83	33.7	6.59	31.4	6.12

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ14PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
70	28.00	-24.9	-25.0	29.1	13.0	29.0	13.4	28.9	13.7	28.9	13.8	28.9	14.0	27.5	13.3
		-22.8	-23.0	30.5	13.3	30.5	13.6	30.4	13.9	30.4	14.0	29.5	13.5	27.5	12.5
		-21.8	-22.0	31.2	13.3	31.2	13.6	31.1	13.9	30.5	13.6	29.5	13.1	27.5	12.1
		-20.8	-21.0	31.9	13.4	31.9	13.7	31.5	13.7	30.5	13.2	29.5	12.7	27.5	11.7
		-19.8	-20.0	32.6	13.4	32.5	13.7	31.5	13.3	30.5	12.8	29.5	12.3	27.5	11.3
		-18.8	-19.0	33.3	13.4	33.2	13.7	31.5	12.9	30.5	12.4	29.5	11.9	27.5	11.0
		-16.7	-17.0	34.6	13.4	33.5	13.1	31.5	12.1	30.5	11.7	29.5	11.2	27.5	10.4
		-13.7	-15.0	35.5	13.2	33.5	12.3	31.5	11.5	30.5	11.0	29.5	10.6	27.5	9.81
		-11.8	-13.0	35.5	12.5	33.5	11.7	31.5	10.9	30.5	10.5	29.5	10.1	27.5	9.32
		-9.8	-11.0	35.5	11.9	33.5	11.1	31.5	10.3	30.5	9.97	29.5	9.60	27.5	8.88
		-9.5	-10.0	35.5	11.6	33.5	10.8	31.5	10.1	30.5	9.74	29.5	9.38	27.5	8.67
		-8.5	-9.1	35.5	11.3	33.5	10.6	31.5	9.89	30.5	9.54	29.5	9.19	27.5	8.50
		-7.0	-7.6	35.5	11.0	33.5	10.3	31.5	9.57	30.5	9.23	29.5	8.89	27.5	8.24
		-4.4	-5.0	35.5	10.3	33.5	9.69	31.5	9.05	30.5	8.74	29.5	8.42	27.5	7.81
		-3.0	-3.7	35.5	10.2	33.5	9.57	31.5	8.92	30.5	8.63	29.5	8.33	27.5	7.73
		0.0	-0.7	35.5	9.84	33.5	9.23	31.5	8.64	30.5	8.35	29.5	8.06	27.5	7.49
		3.0	2.2	35.5	9.43	33.5	8.86	31.5	8.30	30.5	8.03	29.5	7.76	27.5	7.23
		5.0	4.0	35.5	9.15	33.5	8.61	31.5	8.08	30.5	7.82	29.5	7.56	27.5	7.04
		7.0	6.0	35.5	8.67	33.5	8.12	31.5	7.58	30.5	7.32	29.5	7.06	27.5	6.55
		9.0	7.9	35.5	8.20	33.5	7.69	31.5	7.19	30.5	6.94	29.5	6.70	27.5	6.22
		11.0	9.8	35.5	7.77	33.5	7.29	31.5	6.82	30.5	6.59	29.5	6.36	27.5	5.91
		13.0	11.8	35.5	7.35	33.5	6.90	31.5	6.46	30.5	6.25	29.5	6.03	27.5	5.61
		15.0	13.7	35.5	6.98	33.5	6.56	31.5	6.14	30.5	5.94	29.5	5.74	27.5	5.35
60	24.00	-24.9	-25.0	28.9	13.8	28.7	14.0	27.0	13.0	26.1	12.5	25.3	12.0	23.5	11.1
		-22.8	-23.0	30.4	14.0	28.7	13.1	27.0	12.2	26.1	11.8	25.3	11.3	23.5	10.4
		-21.8	-22.0	30.5	13.6	28.7	12.7	27.0	11.8	26.1	11.4	25.3	11.0	23.5	10.13
		-20.8	-21.0	30.5	13.2	28.7	12.3	27.0	11.5	26.1	11.1	25.3	10.6	23.5	9.83
		-19.8	-20.0	30.5	12.8	28.7	12.0	27.0	11.1	26.1	10.7	25.3	10.3	23.5	9.54
		-18.8	-19.0	30.5	12.4	28.7	11.6	27.0	10.8	26.1	10.4	25.3	10.02	23.5	9.26
		-16.7	-17.0	30.5	11.7	28.7	10.9	27.0	10.2	26.1	9.82	25.3	9.46	23.5	8.75
		-13.7	-15.0	30.5	11.0	28.7	10.3	27.0	9.63	26.1	9.29	25.3	8.95	23.5	8.29
		-11.8	-13.0	30.5	10.5	28.7	9.80	27.0	9.15	26.1	8.83	25.3	8.51	23.5	7.89
		-9.8	-11.0	30.5	9.96	28.7	9.33	27.0	8.72	26.1	8.41	25.3	8.11	23.5	7.53
		-9.5	-10.0	30.5	9.73	28.7	9.12	27.0	8.52	26.1	8.23	25.3	7.94	23.5	7.36
		-8.5	-9.1	30.5	9.53	28.7	8.94	27.0	8.35	26.1	8.07	25.3	7.78	23.5	7.23
		-7.0	-7.6	30.5	9.22	28.7	8.65	27.0	8.09	26.1	7.82	25.3	7.54	23.5	7.01
		-4.4	-5.0	30.5	8.73	28.7	8.20	27.0	7.68	26.1	7.42	25.3	7.17	23.5	6.67
		-3.0	-3.7	30.5	8.63	28.7	8.11	27.0	7.57	26.1	7.34	25.3	7.10	23.5	6.61
		0.0	-0.7	30.5	8.34	28.7	7.85	27.0	7.37	26.1	7.13	25.3	6.89	23.5	6.43
		3.0	2.2	30.5	8.03	28.7	7.56	27.0	7.11	26.1	6.88	25.3	6.66	23.5	6.22
		5.0	4.0	30.5	7.81	28.7	7.37	27.0	6.93	26.1	6.72	25.3	6.50	23.5	6.08
		7.0	6.0	30.5	7.32	28.7	6.87	27.0	6.43	26.1	6.22	25.3	6.00	23.5	5.59
		9.0	7.9	30.5	6.94	28.7	6.52	27.0	6.11	26.1	5.91	25.3	5.71	23.5	5.32
		11.0	9.8	30.5	6.59	28.7	6.19	27.0	5.81	26.1	5.62	25.3	5.43	23.5	5.07
		13.0	11.8	30.5	6.24	28.7	5.88	27.0	5.52	26.1	5.34	25.3	5.17	23.5	4.82
		15.0	13.7	30.5	5.94	28.7	5.60	27.0	5.26	26.1	5.09	25.3	4.93	23.5	4.60
50	20.00	-24.9	-25.0	25.4	12.1	23.9	11.3	22.5	10.6	21.8	10.2	21.1	9.80	19.6	9.07
		-22.8	-23.0	25.4	11.4	23.9	10.6	22.5	9.93	21.8	9.58	21.1	9.23	19.6	8.55
		-21.8	-22.0	25.4	11.0	23.9	10.33	22.5	9.64	21.8	9.30	21.1	9.0	19.6	8.3
		-20.8	-21.0	25.4	10.7	23.9	10.02	22.5	9.35	21.8	9.03	21.1	8.7	19.6	8.1
		-19.8	-20.0	25.4	10.4	23.9	9.72	22.5	9.08	21.8	8.77	21.1	8.5	19.6	7.8
		-18.8	-19.0	25.4	10.1	23.9	9.44	22.5	8.82	21.8	8.52	21.1	8.2	19.6	7.6
		-16.7	-17.0	25.4	9.51	23.9	8.92	22.5	8.34	21.8	8.05	21.1	7.8	19.6	7.22
		-13.7	-15.0	25.4	9.00	23.9	8.45	22.5	7.91	21.8	7.64	21.1	7.4	19.6	6.85
		-11.8	-13.0	25.4	8.55	23.9	8.03	22.5	7.52	21.8	7.27	21.1	7.02	19.6	6.53
		-9.8	-11.0	25.4	8.16	23.9	7.67	22.5	7.18	21.8	6.95	21.1	6.71	19.6	6.25
		-9.5	-10.0	25.4	7.98	23.9	7.50	22.5	7.03	21.8	6.80	21.1	6.57	19.6	6.12
		-8.5	-9.1	25.4	7.82	23.9	7.36	22.5	6.90	21.8	6.67	21.1	6.45	19.6	6.01
		-7.0	-7.6	25.4	7.58	23.9	7.14	22.5	6.70	21.8	6.48	21.1	6.27	19.6	5.84
		-4.4	-5.0	25.4	7.20	23.9	6.79	22.5	6.37	21.8	6.17	21.1	5.97	19.6	5.58
		-3.0	-3.7	25.4	7.02	23.9	6.62	22.5	6.22	21.8	6.03	21.1	5.83	19.6	5.45
		0.0	-0.7	25.4	6.61	23.9	6.24	22.5	5.87	21.8	5.69	21.1	5.51	19.6	5.16
		3.0	2.2	25.4	6.18	23.9	5.84	22.5	5.51	21.8	5.34	21.1	5.18	19.6	4.86
		5.0	4.0	25.4	5.88	23.9	5.57	22.5	5.25	21.8	5.10	21.1	4.95	19.6	4.64
		7.0	6.0	25.4	6.04	23.9	5.69	22.5	5.34	21.8	5.17	21.1	5.00	19.6	4.67
		9.0	7.9	25.4	5.74	23.9	5.41	22.5	5.09	21.8	4.93	21.1	4.77	19.6	4.46
		11.0	9.8	25.4	5.46	23.9	5.15	22.5	4.85	21.8	4.70	21.1	4.55	19.6	4.26
		13.0	11.8	25.4	5.19	23.9	4.90	22.5	4.62	21.8	4.48	21.1	4.34	19.6	4.06
		15.0	13.7	25.4	4.95	23.9	4.68	22.5	4.41	21.8	4.28	21.1	4.15	19.6	3.89

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
   dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft
   Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται
   se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante
   est montré comme référence.Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par
   valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore
   is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door
   показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в
   referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçının
2. The above table shows the average value of conditions which may occur.
   Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
   Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
   La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
   Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
   La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
   De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
   Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
   Yukarıdaki tablo meydana gelebilecek koşullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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	58.50	-24.9	-25.0	33.9	9.9	33.7	10.5	33.6	11.2	33.6	11.5	33.5	11.9	33.4	12.5
		-22.8	-23.0	35.2	10.2	35.1	10.8	35.0	11.4	34.9	11.7	34.9	12.0	34.8	12.7
		-21.8	-22.0	35.9	10.3	35.8	10.9	35.7	11.5	35.6	11.8	35.6	12.1	35.4	12.7
		-20.8	-21.0	36.6	10.4	36.5	11.0	36.4	11.6	36.3	11.9	36.3	12.2	36.2	12.8
		-19.8	-20.0	37.3	10.6	37.2	11.2	37.1	11.7	37.1	12.0	37.0	12.3	36.9	12.9
		-18.8	-19.0	38.1	10.7	38.0	11.3	37.9	11.9	37.8	12.2	37.7	12.4	37.6	13.0
		-16.7	-17.0	39.6	11.1	39.5	11.6	39.4	12.1	39.3	12.4	39.3	12.7	39.2	13.2
		-13.7	-15.0	41.2	11.4	41.1	11.9	41.0	12.4	40.9	12.7	40.9	12.9	40.8	13.4
		-11.8	-13.0	42.9	11.8	42.8	12.3	42.7	12.8	42.6	13.0	42.6	13.2	42.5	13.7
		-9.8	-11.0	44.7	12.2	44.6	12.6	44.5	13.1	44.4	13.4	44.4	13.6	44.2	14.1
		-9.5	-10.0	45.6	12.4	45.5	12.9	45.4	13.3	45.3	13.6	45.3	13.8	45.2	14.2
		-8.5	-9.1	46.5	12.6	46.4	13.0	46.2	13.5	46.2	13.7	46.1	14.0	46.0	14.4
		-7.0	-7.6	47.9	12.9	47.8	13.4	47.7	13.8	47.6	14.1	47.6	14.3	47.5	14.7
		-4.4	-5.0	50.6	13.6	50.5	14.0	50.4	14.5	50.3	14.7	50.3	14.9	50.2	15.3
		-3.0	-3.7	52.0	14.1	51.9	14.5	51.8	14.9	51.7	15.2	51.7	15.4	51.6	15.8
		0.0	-0.7	55.5	15.1	55.4	15.6	55.2	16.0	55.2	16.2	55.1	16.4	55.0	16.8
		3.0	2.2	59.1	15.9	59.0	16.3	58.8	16.7	58.8	16.9	58.7	17.1	56.6	16.6
		5.0	4.0	61.5	16.3	61.3	16.7	61.2	17.1	61.2	17.3	60.8	17.4	56.6	16.0
		7.0	6.0	56.0	13.3	55.9	13.6	55.8	14.0	55.7	14.1	55.6	14.3	55.5	14.7
		9.0	7.9	58.7	13.6	58.6	13.9	58.5	14.2	58.5	14.4	58.4	14.6	56.6	14.2
		11.0	9.8	61.6	13.8	61.5	14.2	61.4	14.5	61.3	14.6	60.8	14.6	56.6	13.4
		13.0	11.8	64.8	14.1	64.6	14.4	64.5	14.7	62.9	14.3	60.8	13.7	56.6	12.6
		15.0	13.7	67.9	14.4	67.8	14.7	65.0	14.0	62.9	13.5	60.8	13.0	56.6	11.9
120	54.00	-24.9	-25.0	33.7	10.8	33.6	11.4	33.5	12.0	33.4	12.3	33.4	12.6	33.3	13.2
		-22.8	-23.0	35.1	11.0	35.0	11.6	34.8	12.2	34.8	12.5	34.7	12.7	34.6	13.3
		-21.8	-22.0	35.8	11.1	35.6	11.7	35.5	12.2	35.5	12.5	35.4	12.8	35.3	13.4
		-20.8	-21.0	36.5	11.2	36.4	11.8	36.3	12.3	36.2	12.6	36.1	12.9	36.0	13.4
		-19.8	-20.0	37.2	11.4	37.1	11.9	37.0	12.4	36.9	12.7	36.9	13.0	36.8	13.5
		-18.8	-19.0	37.9	11.5	37.8	12.0	37.7	12.5	37.7	12.8	37.6	13.1	37.5	13.6
		-16.7	-17.0	39.5	11.8	39.4	12.3	39.3	12.8	39.2	13.0	39.1	13.3	39.0	13.8
		-13.7	-15.0	41.1	12.1	41.0	12.6	40.9	13.0	40.8	13.3	40.8	13.5	40.7	14.0
		-11.8	-13.0	42.8	12.4	42.7	12.9	42.6	13.3	42.5	13.6	42.4	13.8	42.3	14.2
		-9.8	-11.0	44.5	12.8	44.4	13.3	44.3	13.7	44.3	13.9	44.2	14.1	44.1	14.6
		-9.5	-10.0	45.5	13.0	45.4	13.4	45.3	13.9	45.2	14.1	45.1	14.3	45.0	14.7
		-8.5	-9.1	46.3	13.2	46.2	13.6	46.1	14.1	46.1	14.3	46.0	14.5	45.9	14.9
		-7.0	-7.6	47.8	13.5	47.7	14.0	47.6	14.4	47.5	14.6	47.5	14.8	47.4	15.2
		-4.4	-5.0	50.5	14.2	50.4	14.6	50.2	15.0	50.2	15.2	50.1	15.4	50.0	15.8
		-3.0	-3.7	51.9	14.7	51.8	15.1	51.7	15.4	51.6	15.7	51.6	15.9	51.4	16.2
		0.0	-0.7	55.3	15.7	55.2	16.1	55.1	16.5	55.1	16.6	55.0	16.8	52.3	16.0
		3.0	2.2	58.9	16.5	58.8	16.8	58.7	17.2	58.1	17.1	56.1	16.4	52.3	15.1
		5.0	4.0	61.3	16.8	61.2	17.2	60.0	17.1	58.1	16.4	56.1	15.8	52.3	14.5
		7.0	6.0	55.8	13.7	55.7	14.1	55.6	14.4	55.6	14.5	55.5	14.7	52.3	13.7
		9.0	7.9	58.6	14.0	58.5	14.3	58.4	14.6	58.1	14.7	56.1	14.1	52.3	12.9
		11.0	9.8	61.5	14.3	61.3	14.6	60.0	14.4	58.1	13.8	56.1	13.3	52.3	12.2
		13.0	11.8	64.6	14.5	63.9	14.6	60.0	13.5	58.1	13.0	56.1	12.5	52.3	11.5
		15.0	13.7	67.7	14.8	63.9	13.7	60.0	12.8	58.1	12.3	56.1	11.8	52.3	10.9
110	49.50	-24.9	-25.0	33.5	11.7	33.5	12.2	33.4	12.8	33.3	13.1	33.3	13.4	33.2	13.9
		-22.8	-23.0	34.9	11.9	34.8	12.4	34.7	12.9	34.7	13.2	34.6	13.4	34.5	14.0
		-21.8	-22.0	35.6	11.9	35.5	12.5	35.4	13.0	35.4	13.2	35.3	13.5	35.2	14.0
		-20.8	-21.0	36.3	12.0	36.2	12.5	36.1	13.1	36.1	13.3	36.0	13.6	35.9	14.1
		-19.8	-20.0	37.0	12.2	36.9	12.6	36.8	13.1	36.8	13.4	36.7	13.6	36.6	14.1
		-18.8	-19.0	37.8	12.3	37.7	12.7	37.6	13.2	37.5	13.5	37.5	13.7	37.4	14.2
		-16.7	-17.0	39.3	12.5	39.2	13.0	39.1	13.4	39.1	13.6	39.0	13.9	38.9	14.3
		-13.7	-15.0	40.9	12.8	40.8	13.2	40.7	13.6	40.7	13.9	40.6	14.1	40.5	14.5
		-11.8	-13.0	42.6	13.1	42.5	13.5	42.4	13.9	42.4	14.1	42.3	14.3	42.2	14.8
		-9.8	-11.0	44.4	13.5	44.3	13.9	44.2	14.2	44.1	14.4	44.1	14.6	44.0	15.0
		-9.5	-10.0	45.3	13.6	45.2	14.0	45.1	14.4	45.1	14.6	45.0	14.8	44.9	15.2
		-8.5	-9.1	46.2	13.8	46.1	14.2	46.0	14.6	45.9	14.8	45.9	15.0	45.8	15.4
		-7.0	-7.6	47.6	14.1	47.5	14.5	47.4	14.9	47.4	15.1	47.3	15.3	47.2	15.7
		-4.4	-5.0	50.3	14.8	50.2	15.1	50.1	15.5	50.1	15.7	50.0	15.8	47.9	15.2
		-3.0	-3.7	51.7	15.3	51.6	15.6	51.5	15.9	51.5	16.2	51.4	16.3	47.9	15.0
		0.0	-0.7	55.2	16.3	55.1	16.6	55.0	16.9	53.2	16.3	51.5	15.7	47.9	14.4
		3.0	2.2	58.8	17.0	58.5	17.3	55.0	16.1	53.2	15.5	51.5	14.9	47.9	13.7
		5.0	4.0	61.1	17.4	58.5	16.6	55.0	15.4	53.2	14.8	51.5	14.3	47.9	13.2
		7.0	6.0	55.7	14.2	55.6	14.5	55.0	14.6	53.2	14.0	51.5	13.5	47.9	12.4
		9.0	7.9	58.4	14.5	58.3	14.7	55.0	13.7	53.2	13.2	51.5	12.7	47.9	11.7
		11.0	9.8	61.3	14.7	58.5	14.0	55.0	12.9	53.2	12.5	51.5	12.0	47.9	11.0
		13.0	11.8	62.1	14.1	58.5	13.1	55.0	12.2	53.2	11.7	51.5	11.3	47.9	10.4
		15.0	13.7	62.1	13.3	58.5	12.4	55.0	11.5	53.2	11.1	51.5	10.7	47.9	9.8

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
100	45.00	-24.9	-25.0	33.4	12.6	33.3	13.1	33.2	13.6	33.2	13.8	33.1	14.1	33.0	14.6
		-22.8	-23.0	34.7	12.7	34.7	13.2	34.6	13.7	34.5	13.9	34.5	14.1	34.4	14.6
		-21.8	-22.0	35.4	12.8	35.4	13.2	35.3	13.7	35.2	13.9	35.2	14.2	35.1	14.6
		-20.8	-21.0	36.2	12.8	36.1	13.3	36.0	13.8	35.9	14.0	35.9	14.2	35.8	14.7
		-19.8	-20.0	36.9	12.9	36.8	13.4	36.7	13.8	36.7	14.0	36.6	14.3	36.5	14.7
		-18.8	-19.0	37.6	13.0	37.5	13.5	37.4	13.9	37.4	14.1	37.4	14.3	37.3	14.8
		-16.7	-17.0	39.2	13.2	39.1	13.6	39.0	14.1	38.9	14.3	38.9	14.5	38.8	14.9
		-13.7	-15.0	40.8	13.5	40.7	13.9	40.6	14.3	40.5	14.5	40.5	14.7	40.4	15.0
		-11.8	-13.0	42.5	13.8	42.4	14.1	42.3	14.5	42.2	14.7	42.2	14.9	42.1	15.3
		-9.8	-11.0	44.2	14.1	44.1	14.5	44.1	14.8	44.0	15.0	44.0	15.2	43.6	15.4
		-9.5	-10.0	45.2	14.3	45.1	14.6	45.0	15.0	44.9	15.2	44.9	15.3	43.6	15.0
		-8.5	-9.1	46.0	14.4	45.9	14.8	45.8	15.1	45.8	15.3	45.7	15.5	43.6	14.8
		-7.0	-7.6	47.5	14.7	47.4	15.1	47.3	15.4	47.3	15.6	46.8	15.6	43.6	14.3
		-4.4	-5.0	50.2	15.3	50.1	15.7	50.0	16.0	48.4	15.4	46.8	14.8	43.6	13.6
		-3.0	-3.7	51.6	15.8	51.5	16.2	50.0	15.8	48.4	15.2	46.8	14.6	43.6	13.5
		0.0	-0.7	55.0	16.8	53.2	16.3	50.0	15.2	48.4	14.6	46.8	14.0	43.6	13.0
		3.0	2.2	56.4	16.5	53.2	15.4	50.0	14.4	48.4	13.8	46.8	13.3	43.6	12.3
		5.0	4.0	56.4	15.9	53.2	14.8	50.0	13.8	48.4	13.3	46.8	12.8	43.6	11.8
		7.0	6.0	55.5	14.7	53.2	14.0	50.0	13.0	48.4	12.5	46.8	12.0	43.6	11.1
		9.0	7.9	56.4	14.2	53.2	13.2	50.0	12.3	48.4	11.8	46.8	11.3	43.6	10.4
		11.0	9.8	56.4	13.4	53.2	12.4	50.0	11.6	48.4	11.1	46.8	10.7	43.6	9.9
		13.0	11.8	56.4	12.6	53.2	11.7	50.0	10.9	48.4	10.5	46.8	10.1	43.6	9.3
		15.0	13.7	56.4	11.9	53.2	11.1	50.0	10.3	48.4	9.9	46.8	9.6	43.6	8.8
90	40.50	-24.9	-25.0	33.2	13.5	33.2	13.9	33.1	14.4	33.0	14.6	33.0	14.8	32.9	15.3
		-22.8	-23.0	34.6	13.5	34.5	14.0	34.4	14.4	34.4	14.6	34.4	14.8	34.3	15.3
		-21.8	-22.0	35.3	13.6	35.2	14.0	35.1	14.4	35.1	14.6	35.1	14.9	35.0	15.3
		-20.8	-21.0	36.0	13.6	35.9	14.1	35.8	14.5	35.8	14.7	35.8	14.9	35.7	15.3
		-19.8	-20.0	36.7	13.7	36.6	14.1	36.6	14.5	36.5	14.7	36.5	14.9	36.4	15.3
		-18.8	-19.0	37.5	13.8	37.4	14.2	37.3	14.6	37.3	14.8	37.2	14.9	37.2	15.3
		-16.7	-17.0	39.0	14.0	38.9	14.3	38.8	14.7	38.8	14.9	38.8	15.1	38.7	15.4
		-13.7	-15.0	40.6	14.2	40.5	14.5	40.5	14.9	40.4	15.1	40.4	15.2	39.2	14.9
		-11.8	-13.0	42.3	14.4	42.2	14.8	42.1	15.1	42.1	15.3	42.1	15.4	39.2	14.2
		-9.8	-11.0	44.1	14.7	44.0	15.1	43.9	15.4	43.6	15.4	42.1	14.8	39.2	13.6
		-9.5	-10.0	45.0	14.9	44.9	15.2	44.8	15.5	43.6	15.0	42.1	14.4	39.2	13.3
		-8.5	-9.1	45.9	15.1	45.8	15.4	45.0	15.3	43.6	14.7	42.1	14.2	39.2	13.0
		-7.0	-7.6	47.3	15.3	47.2	15.7	45.0	14.9	43.6	14.3	42.1	13.7	39.2	12.7
		-4.4	-5.0	50.0	15.9	47.9	15.2	45.0	14.1	43.6	13.6	42.1	13.1	39.2	12.1
		-3.0	-3.7	50.8	16.1	47.9	15.0	45.0	13.9	43.6	13.5	42.1	12.9	39.2	11.9
		0.0	-0.7	50.8	15.4	47.9	14.4	45.0	13.4	43.6	12.9	42.1	12.5	39.2	11.5
		3.0	2.2	50.8	14.6	47.9	13.7	45.0	12.8	43.6	12.3	42.1	11.9	39.2	11.0
		5.0	4.0	50.8	14.1	47.9	13.2	45.0	12.3	43.6	11.8	42.1	11.4	39.2	10.6
		7.0	6.0	50.8	13.2	47.9	12.4	45.0	11.5	43.6	11.1	42.1	10.6	39.2	9.8
		9.0	7.9	50.8	12.5	47.9	11.7	45.0	10.8	43.6	10.4	42.1	10.1	39.2	9.3
		11.0	9.8	50.8	11.8	47.9	11.0	45.0	10.3	43.6	9.9	42.1	9.5	39.2	8.8
		13.0	11.8	50.8	11.1	47.9	10.4	45.0	9.7	43.6	9.3	42.1	9.0	39.2	8.32
		15.0	13.7	50.8	10.5	47.9	9.8	45.0	9.2	43.6	8.8	42.1	8.52	39.2	7.90
80	36.00	-24.9	-25.0	33.1	14.4	33.0	14.8	32.9	15.2	32.9	15.4	32.9	15.6	32.8	16.0
		-22.8	-23.0	34.4	14.4	34.4	14.8	34.3	15.2	34.3	15.4	34.2	15.5	34.2	15.9
		-21.8	-22.0	35.1	14.4	35.1	14.8	35.0	15.2	35.0	15.4	34.9	15.5	34.9	15.9
		-20.8	-21.0	35.8	14.4	35.8	14.8	35.7	15.2	35.7	15.4	35.6	15.5	34.9	15.4
		-19.8	-20.0	36.6	14.5	36.5	14.8	36.4	15.2	36.4	15.4	36.4	15.6	34.9	15.0
		-18.8	-19.0	37.3	14.5	37.2	14.9	37.2	15.2	37.1	15.4	37.1	15.6	34.9	14.5
		-16.7	-17.0	38.8	14.7	38.8	15.0	38.7	15.3	38.7	15.5	37.4	14.9	34.9	13.7
		-13.7	-15.0	40.5	14.9	40.4	15.2	40.0	15.3	38.7	14.7	37.4	14.1	34.9	13.0
		-11.8	-13.0	42.1	15.1	42.1	15.4	40.0	14.6	38.7	14.0	37.4	13.5	34.9	12.4
		-9.8	-11.0	43.9	15.4	42.6	15.0	40.0	13.9	38.7	13.4	37.4	12.9	34.9	11.9
		-9.5	-10.0	44.8	15.5	42.6	14.6	40.0	13.6	38.7	13.1	37.4	12.6	34.9	11.6
		-8.5	-9.1	45.1	15.4	42.6	14.4	40.0	13.3	38.7	12.9	37.4	12.4	34.9	11.4
		-7.0	-7.6	45.1	14.9	42.6	13.9	40.0	13.0	38.7	12.5	37.4	12.0	34.9	11.1
		-4.4	-5.0	45.1	14.2	42.6	13.3	40.0	12.4	38.7	11.9	37.4	11.5	34.9	10.6
		-3.0	-3.7	45.1	14.0	42.6	13.1	40.0	12.2	38.7	11.8	37.4	11.3	34.9	10.5
		0.0	-0.7	45.1	13.5	42.6	12.6	40.0	11.8	38.7	11.4	37.4	10.9	34.9	10.1
		3.0	2.2	45.1	12.8	42.6	12.0	40.0	11.2	38.7	10.8	37.4	10.4	34.9	9.7
		5.0	4.0	45.1	12.3	42.6	11.6	40.0	10.8	38.7	10.4	37.4	10.1	34.9	9.3
		7.0	6.0	45.1	11.5	42.6	10.8	40.0	10.0	38.7	9.7	37.4	9.3	34.9	8.6
		9.0	7.9	45.1	10.9	42.6	10.2	40.0	9.5	38.7	9.2	37.4	8.8	34.9	8.16
		11.0	9.8	45.1	10.3	42.6	9.6	40.0	9.0	38.7	8.7	37.4	8.36	34.9	7.74
		13.0	11.8	45.1	9.7	42.6	9.1	40.0	8.50	38.7	8.20	37.4	7.91	34.9	7.34
		15.0	13.7	45.1	9.2	42.6	8.63	40.0	8.06	38.7	7.79	37.4	7.52	34.9	6.98

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4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ16PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
70	31.50	-24.9	-25.0	32.9	15.3	32.9	15.6	32.8	16.0	32.8	16.2	32.7	16.3	30.5	15.0
		-22.8	-23.0	34.3	15.2	34.2	15.6	34.2	15.9	33.9	15.9	32.8	15.3	30.5	14.1
		-21.8	-22.0	35.0	15.2	34.9	15.6	34.9	15.9	33.9	15.4	32.8	14.8	30.5	13.6
		-20.8	-21.0	35.7	15.2	35.6	15.6	35.0	15.5	33.9	14.9	32.8	14.3	30.5	13.2
		-19.8	-20.0	36.4	15.3	36.4	15.6	35.0	15.0	33.9	14.5	32.8	13.9	30.5	12.8
		-18.8	-19.0	37.2	15.3	37.1	15.6	35.0	14.6	33.9	14.0	32.8	13.5	30.5	12.4
		-16.7	-17.0	38.7	15.4	37.2	14.8	35.0	13.8	33.9	13.3	32.8	12.8	30.5	11.8
		-13.7	-15.0	39.5	15.1	37.2	14.1	35.0	13.1	33.9	12.6	32.8	12.1	30.5	11.2
		-11.8	-13.0	39.5	14.3	37.2	13.4	35.0	12.5	33.9	12.0	32.8	11.6	30.5	10.7
		-9.8	-11.0	39.5	13.7	37.2	12.8	35.0	11.9	33.9	11.5	32.8	11.1	30.5	10.2
		-9.5	-10.0	39.5	13.4	37.2	12.5	35.0	11.7	33.9	11.3	32.8	10.8	30.5	10.0
		-8.5	-9.1	39.5	13.2	37.2	12.3	35.0	11.5	33.9	11.1	32.8	10.7	30.5	9.9
		-7.0	-7.6	39.5	12.8	37.2	11.9	35.0	11.1	33.9	10.8	32.8	10.4	30.5	9.6
		-4.4	-5.0	39.5	12.2	37.2	11.4	35.0	10.6	33.9	10.3	32.8	9.9	30.5	9.2
		-3.0	-3.7	39.5	12.0	37.2	11.3	35.0	10.5	33.9	10.2	32.8	9.8	30.5	9.1
		0.0	-0.7	39.5	11.6	37.2	10.9	35.0	10.2	33.9	9.8	32.8	9.5	30.5	8.8
		3.0	2.2	39.5	11.1	37.2	10.4	35.0	9.7	33.9	9.4	32.8	9.1	30.5	8.4
		5.0	4.0	39.5	10.7	37.2	10.0	35.0	9.4	33.9	9.1	32.8	8.8	30.5	8.2
		7.0	6.0	39.5	9.9	37.2	9.3	35.0	8.6	33.9	8.35	32.8	8.05	30.5	7.46
		9.0	7.9	39.5	9.4	37.2	8.8	35.0	8.20	33.9	7.92	32.8	7.64	30.5	7.09
		11.0	9.8	39.5	8.9	37.2	8.31	35.0	7.78	33.9	7.51	32.8	7.25	30.5	6.74
		13.0	11.8	39.5	8.38	37.2	7.87	35.0	7.37	33.9	7.12	32.8	6.88	30.5	6.40
		15.0	13.7	39.5	7.96	37.2	7.48	35.0	7.01	33.9	6.78	32.8	6.55	30.5	6.10
60	27.00	-24.9	-25.0	32.8	16.2	31.9	15.9	30.0	14.7	29.0	14.2	28.1	13.6	26.1	12.6
		-22.8	-23.0	33.9	15.9	31.9	14.8	30.0	13.8	29.0	13.3	28.1	12.8	26.1	11.8
		-21.8	-22.0	33.9	15.4	31.9	14.4	30.0	13.4	29.0	12.9	28.1	12.4	26.1	11.4
		-20.8	-21.0	33.9	14.9	31.9	13.9	30.0	12.9	29.0	12.5	28.1	12.0	26.1	11.1
		-19.8	-20.0	33.9	14.5	31.9	13.5	30.0	12.6	29.0	12.1	28.1	11.7	26.1	10.8
		-18.8	-19.0	33.9	14.0	31.9	13.1	30.0	12.2	29.0	11.8	28.1	11.3	26.1	10.5
		-16.7	-17.0	33.9	13.3	31.9	12.4	30.0	11.6	29.0	11.1	28.1	10.7	26.1	9.9
		-13.7	-15.0	33.9	12.6	31.9	11.8	30.0	11.0	29.0	10.6	28.1	10.2	26.1	9.5
		-11.8	-13.0	33.9	12.0	31.9	11.2	30.0	10.5	29.0	10.1	28.1	9.8	26.1	9.0
		-9.8	-11.0	33.9	11.5	31.9	10.8	30.0	10.1	29.0	9.7	28.1	9.4	26.1	8.7
		-9.5	-10.0	33.9	11.3	31.9	10.5	30.0	9.9	29.0	9.5	28.1	9.2	26.1	8.5
		-8.5	-9.1	33.9	11.1	31.9	10.4	30.0	9.7	29.0	9.4	28.1	9.0	26.1	8.4
		-7.0	-7.6	33.9	10.7	31.9	10.1	30.0	9.4	29.0	9.1	28.1	8.8	26.1	8.2
		-4.4	-5.0	33.9	10.3	31.9	9.6	30.0	9.0	29.0	8.7	28.1	8.4	26.1	7.8
		-3.0	-3.7	33.9	10.2	31.9	9.6	30.0	8.9	29.0	8.7	28.1	8.4	26.1	7.8
		0.0	-0.7	33.9	9.8	31.9	9.3	30.0	8.7	29.0	8.4	28.1	8.1	26.1	7.6
		3.0	2.2	33.9	9.4	31.9	8.8	30.0	8.3	29.0	8.0	28.1	7.8	26.1	7.26
		5.0	4.0	33.9	9.1	31.9	8.5	30.0	8.0	29.0	7.8	28.1	7.53	26.1	7.03
		7.0	6.0	33.9	8.34	31.9	7.83	30.0	7.34	29.0	7.09	28.1	6.85	26.1	6.37
		9.0	7.9	33.9	7.91	31.9	7.43	30.0	6.97	29.0	6.74	28.1	6.51	26.1	6.06
		11.0	9.8	33.9	7.51	31.9	7.06	30.0	6.63	29.0	6.41	28.1	6.20	26.1	5.78
		13.0	11.8	33.9	7.12	31.9	6.70	30.0	6.29	29.0	6.09	28.1	5.89	26.1	5.50
		15.0	13.7	33.9	6.77	31.9	6.38	30.0	6.00	29.0	5.81	28.1	5.62	26.1	5.25
50	22.50	-24.9	-25.0	28.2	13.7	26.6	12.8	25.0	12.0	24.2	11.5	23.4	11.1	21.8	10.3
		-22.8	-23.0	28.2	12.8	26.6	12.0	25.0	11.2	24.2	10.8	23.4	10.4	21.8	9.7
		-21.8	-22.0	28.2	12.5	26.6	11.7	25.0	10.9	24.2	10.5	23.4	10.1	21.8	9.4
		-20.8	-21.0	28.2	12.1	26.6	11.3	25.0	10.6	24.2	10.2	23.4	9.8	21.8	9.1
		-19.8	-20.0	28.2	11.7	26.6	11.0	25.0	10.3	24.2	9.9	23.4	9.6	21.8	8.9
		-18.8	-19.0	28.2	11.4	26.6	10.7	25.0	10.0	24.2	9.6	23.4	9.3	21.8	8.6
		-16.7	-17.0	28.2	10.8	26.6	10.1	25.0	9.5	24.2	9.1	23.4	8.8	21.8	8.20
		-13.7	-15.0	28.2	10.3	26.6	9.6	25.0	9.0	24.2	8.7	23.4	8.4	21.8	7.83
		-11.8	-13.0	28.2	9.8	26.6	9.2	25.0	8.6	24.2	8.3	23.4	8.06	21.8	7.50
		-9.8	-11.0	28.2	9.4	26.6	8.8	25.0	8.3	24.2	8.0	23.4	7.75	21.8	7.22
		-9.5	-10.0	28.2	9.2	26.6	8.7	25.0	8.1	24.2	7.87	23.4	7.61	21.8	7.09
		-8.5	-9.1	28.2	9.1	26.6	8.5	25.0	8.0	24.2	7.75	23.4	7.49	21.8	6.98
		-7.0	-7.6	28.2	8.8	26.6	8.3	25.0	7.8	24.2	7.55	23.4	7.31	21.8	6.81
		-4.4	-5.0	28.2	8.5	26.6	8.0	25.0	7.50	24.2	7.26	23.4	7.03	21.8	6.56
		-3.0	-3.7	28.2	8.3	26.6	7.8	25.0	7.36	24.2	7.13	23.4	6.90	21.8	6.45
		0.0	-0.7	28.2	7.98	26.6	7.52	25.0	7.08	24.2	6.86	23.4	6.65	21.8	6.22
		3.0	2.2	28.2	7.68	26.6	7.26	25.0	6.84	24.2	6.63	23.4	6.43	21.8	6.02
		5.0	4.0	28.2	7.51	26.6	7.10	25.0	6.70	24.2	6.50	23.4	6.30	21.8	5.90
		7.0	6.0	28.2	6.88	26.6	6.48	25.0	6.09	24.2	5.90	23.4	5.71	21.8	5.33
		9.0	7.9	28.2	6.54	26.6	6.17	25.0	5.80	24.2	5.62	23.4	5.44	21.8	5.08
		11.0	9.8	28.2	6.23	26.6	5.88	25.0	5.53	24.2	5.36	23.4	5.19	21.8	4.86
		13.0	11.8	28.2	5.92	26.6	5.59	25.0	5.27	24.2	5.11	23.4	4.95	21.8	4.63
		15.0	13.7	28.2	5.65	26.6	5.34	25.0	5.03	24.2	4.88	23.4	4.73	21.8	4.44

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

1. is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
   dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft
   Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται
   se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante
   est montré comme référence.Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par
   valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore
   is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door
   показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в
   referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçının
2. The above table shows the average value of conditions which may occur.
   Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
   Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
   La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
   Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
   La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
   De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
   Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
   Yukarıdaki tablo meydana gelebilecek koşullarýn ortalama deðerini göstermektedir.

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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	72.80	-24.9	-25.0	41.7	11.6	41.6	12.4	41.5	13.2	41.4	13.6	41.3	14.1	41.2	14.9
		-22.8	-23.0	43.5	11.9	43.4	12.7	43.2	13.5	43.2	13.9	43.1	14.2	43.0	15.0
		-21.8	-22.0	44.5	12.1	44.3	12.8	44.2	13.6	44.1	14.0	44.0	14.3	43.9	15.1
		-20.8	-21.0	45.4	12.3	45.2	13.0	45.1	13.7	45.0	14.1	45.0	14.4	44.8	15.2
		-19.8	-20.0	46.3	12.5	46.2	13.2	46.0	13.9	46.0	14.2	45.9	14.6	45.8	15.3
		-18.8	-19.0	47.3	12.7	47.2	13.3	47.0	14.0	46.9	14.4	46.9	14.7	46.7	15.4
		-16.7	-17.0	49.3	13.1	49.1	13.8	49.0	14.4	48.9	14.7	48.8	15.1	48.7	15.7
		-13.7	-15.0	51.3	13.7	51.2	14.3	51.0	14.9	51.0	15.2	50.9	15.5	50.7	16.2
		-11.8	-13.0	53.4	14.3	53.3	14.9	53.1	15.5	53.1	15.8	53.0	16.1	52.8	16.7
		-9.8	-11.0	55.6	15.0	55.4	15.6	55.3	16.2	55.2	16.5	55.1	16.8	55.0	17.4
		-9.5	-10.0	56.6	15.4	56.5	16.0	56.4	16.6	56.3	16.9	56.2	17.2	56.1	17.8
		-8.5	-9.1	57.6	15.8	57.5	16.3	57.4	16.9	57.3	17.2	57.2	17.5	57.1	18.1
		-7.0	-7.6	59.3	16.3	59.2	16.9	59.0	17.5	59.0	17.8	58.9	18.1	58.7	18.6
		-4.4	-5.0	62.3	17.3	62.1	17.8	62.0	18.4	61.9	18.7	61.8	19.0	61.7	19.5
		-3.0	-3.7	63.8	17.8	63.6	18.4	63.5	18.9	63.4	19.2	63.4	19.5	63.2	20.0
		0.0	-0.7	67.3	19.2	67.2	19.7	67.0	20.3	67.0	20.6	66.9	20.8	66.8	21.4
		3.0	2.2	70.8	19.7	70.7	20.2	70.5	20.7	70.5	21.0	70.4	21.3	70.3	21.8
		5.0	4.0	73.0	19.0	72.9	19.5	72.8	20.0	72.7	20.2	72.6	20.5	71.4	20.5
		7.0	6.0	74.8	17.4	74.7	17.8	74.5	18.2	74.4	18.4	74.4	18.6	71.4	17.9
		9.0	7.9	78.6	17.8	78.4	18.2	78.3	18.6	78.2	18.8	76.6	18.4	71.4	16.8
		11.0	9.8	82.5	18.1	82.4	18.5	81.9	18.8	79.3	18.0	76.6	17.3	71.4	15.9
		13.0	11.8	86.9	18.5	86.8	18.8	81.9	17.6	79.3	16.9	76.6	16.2	71.4	14.9
		15.0	13.7	91.2	18.8	87.2	17.9	81.9	16.6	79.3	15.9	76.6	15.3	71.4	14.0
120	67.20	-24.9	-25.0	41.5	12.7	41.4	13.5	41.3	14.2	41.2	14.6	41.2	15.0	41.0	15.7
		-22.8	-23.0	43.3	13.0	43.2	13.7	43.1	14.4	43.0	14.7	42.9	15.1	42.8	15.8
		-21.8	-22.0	44.3	13.1	44.1	13.8	44.0	14.5	43.9	14.8	43.9	15.2	43.7	15.8
		-20.8	-21.0	45.2	13.2	45.1	13.9	44.9	14.6	44.9	14.9	44.8	15.2	44.7	15.9
		-19.8	-20.0	46.1	13.4	46.0	14.0	45.9	14.7	45.8	15.0	45.7	15.3	45.6	16.0
		-18.8	-19.0	47.1	13.6	47.0	14.2	46.8	14.8	46.8	15.1	46.7	15.5	46.6	16.1
		-16.7	-17.0	49.1	14.0	49.0	14.6	48.8	15.2	48.8	15.5	48.7	15.8	48.6	16.4
		-13.7	-15.0	51.1	14.5	51.0	15.1	50.9	15.7	50.8	15.9	50.7	16.2	50.6	16.8
		-11.8	-13.0	53.2	15.1	53.1	15.7	52.9	16.2	52.9	16.5	52.8	16.8	52.7	17.4
		-9.8	-11.0	55.4	15.8	55.2	16.4	55.1	16.9	55.0	17.2	55.0	17.5	54.8	18.0
		-9.5	-10.0	56.5	16.2	56.3	16.7	56.2	17.3	56.1	17.6	56.1	17.8	55.9	18.4
		-8.5	-9.1	57.4	16.5	57.3	17.1	57.2	17.6	57.1	17.9	57.0	18.2	56.9	18.7
		-7.0	-7.6	59.1	17.1	59.0	17.7	58.9	18.2	58.8	18.5	58.7	18.7	58.6	19.3
		-4.4	-5.0	62.1	18.0	62.0	18.5	61.8	19.1	61.8	19.3	61.7	19.6	61.6	20.1
		-3.0	-3.7	63.6	18.5	63.5	19.1	63.3	19.5	63.3	19.8	63.2	20.1	63.1	20.6
		0.0	-0.7	67.1	19.9	67.0	20.4	66.9	20.9	66.8	21.2	66.7	21.4	65.9	21.6
		3.0	2.2	70.6	20.4	70.5	20.9	70.4	21.4	70.3	21.6	70.2	21.9	65.9	20.3
		5.0	4.0	72.9	19.7	72.7	20.1	72.6	20.6	72.5	20.8	70.7	20.3	65.9	18.6
		7.0	6.0	74.6	18.0	74.5	18.3	74.3	18.7	73.2	18.5	70.7	17.7	65.9	16.3
		9.0	7.9	78.4	18.3	78.3	18.7	75.6	18.1	73.2	17.4	70.7	16.7	65.9	15.3
		11.0	9.8	82.4	18.6	80.5	18.3	75.6	17.0	73.2	16.3	70.7	15.7	65.9	14.4
		13.0	11.8	85.3	18.5	80.5	17.2	75.6	15.9	73.2	15.3	70.7	14.7	65.9	13.6
		15.0	13.7	85.3	17.4	80.5	16.2	75.6	15.0	73.2	14.5	70.7	13.9	65.9	12.8
110	61.60	-24.9	-25.0	41.4	13.8	41.2	14.5	41.1	15.2	41.1	15.5	41.0	15.9	40.9	16.6
		-22.8	-23.0	43.1	14.0	43.0	14.7	42.9	15.3	42.8	15.6	42.8	16.0	42.7	16.6
		-21.8	-22.0	44.1	14.1	43.9	14.7	43.8	15.4	43.8	15.7	43.7	16.0	43.6	16.6
		-20.8	-21.0	45.0	14.2	44.9	14.8	44.8	15.4	44.7	15.7	44.6	16.1	44.5	16.7
		-19.8	-20.0	45.9	14.3	45.8	14.9	45.7	15.5	45.6	15.8	45.6	16.1	45.5	16.7
		-18.8	-19.0	46.9	14.5	46.8	15.1	46.7	15.6	46.6	15.9	46.5	16.2	46.4	16.8
		-16.7	-17.0	48.9	14.9	48.8	15.4	48.6	16.0	48.6	16.2	48.5	16.5	48.4	17.1
		-13.7	-15.0	50.9	15.3	50.8	15.9	50.7	16.4	50.6	16.7	50.6	16.9	50.4	17.5
		-11.8	-13.0	53.0	15.9	52.9	16.4	52.8	17.0	52.7	17.2	52.7	17.5	52.5	18.0
		-9.8	-11.0	55.2	16.6	55.0	17.1	54.9	17.6	54.9	17.9	54.8	18.1	54.7	18.6
		-9.5	-10.0	56.3	17.0	56.1	17.5	56.0	18.0	56.0	18.2	55.9	18.5	55.8	19.0
		-8.5	-9.1	57.3	17.3	57.1	17.8	57.0	18.3	56.9	18.6	56.9	18.8	56.8	19.3
		-7.0	-7.6	58.9	17.9	58.8	18.4	58.7	18.9	58.6	19.1	58.6	19.4	58.4	19.9
		-4.4	-5.0	61.9	18.8	61.8	19.3	61.6	19.7	61.6	20.0	61.5	20.2	60.4	20.2
		-3.0	-3.7	63.4	19.3	63.3	19.8	63.2	20.2	63.1	20.5	63.0	20.7	60.4	19.9
		0.0	-0.7	66.9	20.7	66.8	21.1	66.7	21.6	66.6	21.8	64.8	21.2	60.4	19.5
		3.0	2.2	70.4	21.1	70.3	21.6	69.3	21.6	67.1	20.8	64.8	19.9	60.4	18.4
		5.0	4.0	72.7	20.3	72.5	20.7	69.3	19.8	67.1	19.0	64.8	18.3	60.4	16.9
		7.0	6.0	74.4	18.5	73.8	18.7	69.3	17.3	67.1	16.6	64.8	15.9	60.4	14.6
		9.0	7.9	78.2	18.8	73.8	17.5	69.3	16.3	67.1	15.6	64.8	15.0	60.4	13.8
		11.0	9.8	78.2	17.7	73.8	16.5	69.3	15.3	67.1	14.7	64.8	14.1	60.4	13.0
		13.0	11.8	78.2	16.6	73.8	15.5	69.3	14.4	67.1	13.8	64.8	13.3	60.4	12.3
		15.0	13.7	78.2	15.7	73.8	14.6	69.3	13.6	67.1	13.1	64.8	12.6	60.4	11.6

CC08A004(1)

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
100	56.00	-24.9	-25.0	41.2	14.9	41.0	15.6	40.9	16.2	40.9	16.5	40.8	16.8	40.7	17.5
		-22.8	-23.0	42.9	15.0	42.8	15.6	42.7	16.2	42.7	16.5	42.6	16.8	42.5	17.4
		-21.8	-22.0	43.9	15.1	43.8	15.7	43.6	16.3	43.6	16.5	43.5	16.8	43.4	17.4
		-20.8	-21.0	44.8	15.2	44.7	15.7	44.6	16.3	44.5	16.6	44.5	16.9	44.4	17.4
		-19.8	-20.0	45.8	15.3	45.6	15.8	45.5	16.4	45.5	16.6	45.4	16.9	45.3	17.4
		-18.8	-19.0	46.7	15.4	46.6	15.9	46.5	16.5	46.4	16.7	46.4	17.0	46.3	17.5
		-16.7	-17.0	48.7	15.7	48.6	16.2	48.5	16.7	48.4	17.0	48.4	17.2	48.3	17.7
		-13.7	-15.0	50.7	16.2	50.6	16.7	50.5	17.2	50.5	17.4	50.4	17.6	50.3	18.1
		-11.8	-13.0	52.8	16.8	52.7	17.2	52.6	17.7	52.5	17.9	52.5	18.2	52.4	18.6
		-9.8	-11.0	55.0	17.4	54.9	17.9	54.7	18.3	54.7	18.6	54.6	18.8	54.5	19.3
		-9.5	-10.0	56.1	17.8	56.0	18.2	55.9	18.7	55.8	18.9	55.7	19.2	54.9	19.2
		-8.5	-9.1	57.1	18.1	56.9	18.6	56.8	19.0	56.8	19.2	56.7	19.5	54.9	19.0
		-7.0	-7.6	58.7	18.7	58.6	19.1	58.5	19.6	58.5	19.8	58.4	20.0	54.9	18.7
		-4.4	-5.0	61.7	19.5	61.6	20.0	61.5	20.4	61.0	20.4	59.0	19.6	54.9	18.0
		-3.0	-3.7	63.2	20.1	63.1	20.5	63.0	20.9	61.0	20.1	59.0	19.3	54.9	17.8
		0.0	-0.7	66.7	21.4	66.6	21.8	63.0	20.5	61.0	19.7	59.0	19.0	54.9	17.5
		3.0	2.2	70.3	21.8	67.0	20.7	63.0	19.3	61.0	18.6	59.0	17.9	54.9	16.5
		5.0	4.0	71.1	20.4	67.0	19.0	63.0	17.7	61.0	17.0	59.0	16.4	54.9	15.1
		7.0	6.0	71.1	17.8	67.0	16.6	63.0	15.4	61.0	14.8	59.0	14.2	54.9	13.1
		9.0	7.9	71.1	16.8	67.0	15.6	63.0	14.5	61.0	14.0	59.0	13.4	54.9	12.4
		11.0	9.8	71.1	15.8	67.0	14.7	63.0	13.7	61.0	13.2	59.0	12.7	54.9	11.7
		13.0	11.8	71.1	14.8	67.0	13.8	63.0	12.9	61.0	12.4	59.0	11.9	54.9	11.0
		15.0	13.7	71.1	14.0	67.0	13.1	63.0	12.2	61.0	11.7	59.0	11.3	54.9	10.4
90	50.40	-24.9	-25.0	41.0	16.0	40.9	16.6	40.8	17.2	40.7	17.5	40.7	17.7	40.6	18.3
		-22.8	-23.0	42.8	16.1	42.7	16.6	42.6	17.1	42.5	17.4	42.5	17.7	42.4	18.2
		-21.8	-22.0	43.7	16.1	43.6	16.6	43.5	17.1	43.4	17.4	43.4	17.7	43.3	18.2
		-20.8	-21.0	44.6	16.2	44.5	16.7	44.4	17.2	44.4	17.4	44.3	17.7	44.2	18.2
		-19.8	-20.0	45.6	16.2	45.5	16.7	45.4	17.2	45.3	17.5	45.3	17.7	45.2	18.2
		-18.8	-19.0	46.5	16.3	46.4	16.8	46.3	17.3	46.3	17.5	46.2	17.8	46.1	18.2
		-16.7	-17.0	48.5	16.6	48.4	17.1	48.3	17.5	48.3	17.7	48.2	18.0	48.1	18.4
		-13.7	-15.0	50.5	17.0	50.4	17.5	50.3	17.9	50.3	18.1	50.2	18.3	49.4	18.4
		-11.8	-13.0	52.6	17.6	52.5	18.0	52.4	18.4	52.4	18.6	52.3	18.8	49.4	17.7
		-9.8	-11.0	54.8	18.2	54.7	18.6	54.6	19.1	54.5	19.3	53.1	18.7	49.4	17.2
		-9.5	-10.0	55.9	18.6	55.8	19.0	55.7	19.4	54.9	19.2	53.1	18.5	49.4	17.0
		-8.5	-9.1	56.9	18.9	56.8	19.3	56.7	19.7	54.9	19.0	53.1	18.3	49.4	16.8
		-7.0	-7.6	58.5	19.5	58.4	19.9	56.7	19.4	54.9	18.7	53.1	17.9	49.4	16.5
		-4.4	-5.0	61.5	20.3	60.3	20.2	56.7	18.7	54.9	18.0	53.1	17.3	49.4	16.0
		-3.0	-3.7	63.0	20.8	60.3	19.9	56.7	18.4	54.9	17.8	53.1	17.1	49.4	15.8
		0.0	-0.7	64.0	20.9	60.3	19.5	56.7	18.1	54.9	17.5	53.1	16.8	49.4	15.5
		3.0	2.2	64.0	19.6	60.3	18.3	56.7	17.1	54.9	16.5	53.1	15.9	49.4	14.7
		5.0	4.0	64.0	18.0	60.3	16.8	56.7	15.7	54.9	15.1	53.1	14.6	49.4	13.5
		7.0	6.0	64.0	15.7	60.3	14.6	56.7	13.6	54.9	13.1	53.1	12.6	49.4	11.6
		9.0	7.9	64.0	14.8	60.3	13.8	56.7	12.8	54.9	12.4	53.1	11.9	49.4	11.0
		11.0	9.8	64.0	13.9	60.3	13.0	56.7	12.1	54.9	11.7	53.1	11.2	49.4	10.4
		13.0	11.8	64.0	13.1	60.3	12.3	56.7	11.4	54.9	11.0	53.1	10.6	49.4	9.82
		15.0	13.7	64.0	12.4	60.3	11.6	56.7	10.8	54.9	10.4	53.1	10.05	49.4	9.31
80	44.80	-24.9	-25.0	40.8	17.1	40.7	17.7	40.6	18.2	40.5	18.4	40.5	18.7	40.4	19.2
		-22.8	-23.0	42.6	17.1	42.5	17.6	42.4	18.1	42.3	18.3	42.3	18.5	42.2	19.0
		-21.8	-22.0	43.5	17.1	43.4	17.6	43.3	18.0	43.3	18.3	43.2	18.5	43.1	19.0
		-20.8	-21.0	44.4	17.1	44.3	17.6	44.2	18.0	44.2	18.3	44.1	18.5	43.9	18.8
		-19.8	-20.0	45.4	17.2	45.3	17.6	45.2	18.0	45.1	18.3	45.1	18.5	43.9	18.2
		-18.8	-19.0	46.3	17.3	46.2	17.7	46.2	18.1	46.1	18.3	46.1	18.5	43.9	17.7
		-16.7	-17.0	48.3	17.5	48.2	17.9	48.1	18.3	48.1	18.5	47.2	18.2	43.9	16.7
		-13.7	-15.0	50.3	17.9	50.3	18.3	50.2	18.7	48.8	18.1	47.2	17.4	43.9	16.0
		-11.8	-13.0	52.4	18.4	52.3	18.8	50.4	18.1	48.8	17.4	47.2	16.8	43.9	15.4
		-9.8	-11.0	54.6	19.0	53.6	18.9	50.4	17.6	48.8	16.9	47.2	16.3	43.9	15.0
		-9.5	-10.0	55.7	19.4	53.6	18.7	50.4	17.4	48.8	16.7	47.2	16.1	43.9	14.8
		-8.5	-9.1	56.7	19.7	53.6	18.5	50.4	17.2	48.8	16.6	47.2	15.9	43.9	14.7
		-7.0	-7.6	56.9	19.5	53.6	18.2	50.4	16.9	48.8	16.3	47.2	15.7	43.9	14.5
		-4.4	-5.0	56.9	18.8	53.6	17.6	50.4	16.3	48.8	15.8	47.2	15.2	43.9	14.0
		-3.0	-3.7	56.9	18.6	53.6	17.3	50.4	16.1	48.8	15.6	47.2	15.0	43.9	13.9
		0.0	-0.7	56.9	18.2	53.6	17.0	50.4	15.9	48.8	15.3	47.2	14.7	43.9	13.6
		3.0	2.2	56.9	17.1	53.6	16.1	50.4	15.0	48.8	14.5	47.2	13.9	43.9	12.9
		5.0	4.0	56.9	15.8	53.6	14.8	50.4	13.8	48.8	13.3	47.2	12.8	43.9	11.9
		7.0	6.0	56.9	13.6	53.6	12.8	50.4	11.9	48.8	11.5	47.2	11.0	43.9	10.2
		9.0	7.9	56.9	12.9	53.6	12.0	50.4	11.2	48.8	10.8	47.2	10.4	43.9	9.66
		11.0	9.8	56.9	12.2	53.6	11.4	50.4	10.6	48.8	10.2	47.2	9.88	43.9	9.16
		13.0	11.8	56.9	11.5	53.6	10.7	50.4	10.03	48.8	9.68	47.2	9.34	43.9	8.67
		15.0	13.7	56.9	10.8	53.6	10.17	50.4	9.51	48.8	9.19	47.2	8.87	43.9	8.23

CC08A004(2)

4 Capacity tables

4 - 2 Heating Capacity Tables

RTSYQ20PA

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °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
70	39.20	-24.9	-25.0	40.6	18.3	40.5	18.7	40.4	19.1	40.4	19.4	40.3	19.6	38.4	18.7
		-22.8	-23.0	42.4	18.2	42.3	18.6	42.2	19.0	42.2	19.2	41.3	18.8	38.4	17.3
		-21.8	-22.0	43.3	18.1	43.2	18.5	43.1	18.9	42.7	18.9	41.3	18.1	38.4	16.7
		-20.8	-21.0	44.2	18.1	44.1	18.5	44.1	18.9	42.7	18.2	41.3	17.5	38.4	16.1
		-19.8	-20.0	45.2	18.1	45.1	18.5	44.1	18.3	42.7	17.6	41.3	16.9	38.4	15.6
		-18.8	-19.0	46.1	18.2	46.1	18.5	44.1	17.7	42.7	17.1	41.3	16.4	38.4	15.1
		-16.7	-17.0	48.1	18.4	46.9	18.1	44.1	16.8	42.7	16.2	41.3	15.5	38.4	14.3
		-13.7	-15.0	49.8	18.5	46.9	17.3	44.1	16.1	42.7	15.5	41.3	14.9	38.4	13.7
		-11.8	-13.0	49.8	17.8	46.9	16.7	44.1	15.5	42.7	14.9	41.3	14.4	38.4	13.3
		-9.8	-11.0	49.8	17.3	46.9	16.2	44.1	15.1	42.7	14.5	41.3	14.0	38.4	12.9
		-9.5	-10.0	49.8	17.1	46.9	16.0	44.1	14.9	42.7	14.4	41.3	13.8	38.4	12.8
		-8.5	-9.1	49.8	16.9	46.9	15.8	44.1	14.8	42.7	14.2	41.3	13.7	38.4	12.7
		-7.0	-7.6	49.8	16.7	46.9	15.6	44.1	14.5	42.7	14.0	41.3	13.5	38.4	12.5
		-4.4	-5.0	49.8	16.1	46.9	15.1	44.1	14.1	42.7	13.6	41.3	13.1	38.4	12.1
		-3.0	-3.7	49.8	15.9	46.9	14.9	44.1	13.9	42.7	13.4	41.3	13.0	38.4	12.0
		0.0	-0.7	49.8	15.6	46.9	14.7	44.1	13.7	42.7	13.2	41.3	12.8	38.4	11.9
		3.0	2.2	49.8	14.8	46.9	13.9	44.1	13.0	42.7	12.5	41.3	12.1	38.4	11.2
		5.0	4.0	49.8	13.6	46.9	12.8	44.1	11.9	42.7	11.5	41.3	11.1	38.4	10.4
		7.0	6.0	49.8	11.7	46.9	11.0	44.1	10.2	42.7	9.89	41.3	9.54	38.4	8.84
		9.0	7.9	49.8	11.1	46.9	10.4	44.1	9.70	42.7	9.37	41.3	9.04	38.4	8.39
		11.0	9.8	49.8	10.5	46.9	9.83	44.1	9.20	42.7	8.88	41.3	8.57	38.4	7.97
		13.0	11.8	49.8	9.90	46.9	9.29	44.1	8.70	42.7	8.41	41.3	8.12	38.4	7.56
		15.0	13.7	49.8	9.39	46.9	8.82	44.1	8.27	42.7	8.00	41.3	7.73	38.4	7.19
60	33.60	-24.9	-25.0	40.4	19.4	40.2	19.7	37.8	18.3	36.6	17.6	35.4	16.9	32.9	15.6
		-22.8	-23.0	42.2	19.2	40.2	18.2	37.8	17.0	36.6	16.3	35.4	15.7	32.9	14.5
		-21.8	-22.0	42.7	18.8	40.2	17.6	37.8	16.4	36.6	15.7	35.4	15.2	32.9	14.0
		-20.8	-21.0	42.7	18.2	40.2	17.0	37.8	15.8	36.6	15.2	35.4	14.6	32.9	13.5
		-19.8	-20.0	42.7	17.6	40.2	16.4	37.8	15.3	36.6	14.7	35.4	14.2	32.9	13.1
		-18.8	-19.0	42.7	17.1	40.2	15.9	37.8	14.8	36.6	14.3	35.4	13.8	32.9	12.7
		-16.7	-17.0	42.7	16.2	40.2	15.1	37.8	14.1	36.6	13.6	35.4	13.1	32.9	12.1
		-13.7	-15.0	42.7	15.5	40.2	14.5	37.8	13.5	36.6	13.0	35.4	12.5	32.9	11.6
		-11.8	-13.0	42.7	14.9	40.2	14.0	37.8	13.0	36.6	12.6	35.4	12.1	32.9	11.2
		-9.8	-11.0	42.7	14.5	40.2	13.6	37.8	12.7	36.6	12.3	35.4	11.8	32.9	11.0
		-9.5	-10.0	42.7	14.4	40.2	13.5	37.8	12.6	36.6	12.1	35.4	11.7	32.9	10.9
		-8.5	-9.1	42.7	14.2	40.2	13.3	37.8	12.5	36.6	12.0	35.4	11.6	32.9	10.8
		-7.0	-7.6	42.7	14.0	40.2	13.1	37.8	12.3	36.6	11.9	35.4	11.4	32.9	10.6
		-4.4	-5.0	42.7	13.6	40.2	12.7	37.8	11.9	36.6	11.5	35.4	11.1	32.9	10.4
		-3.0	-3.7	42.7	13.4	40.2	12.6	37.8	11.8	36.6	11.4	35.4	11.0	32.9	10.3
		0.0	-0.7	42.7	13.2	40.2	12.4	37.8	11.7	36.6	11.3	35.4	10.9	32.9	10.1
		3.0	2.2	42.7	12.5	40.2	11.8	37.8	11.1	36.6	10.7	35.4	10.3	32.9	9.64
		5.0	4.0	42.7	11.5	40.2	10.9	37.8	10.2	36.6	9.9	35.4	9.54	32.9	8.90
		7.0	6.0	42.7	9.88	40.2	9.28	37.8	8.69	36.6	8.40	35.4	8.11	32.9	7.55
		9.0	7.9	42.7	9.36	40.2	8.80	37.8	8.25	36.6	7.97	35.4	7.71	32.9	7.18
		11.0	9.8	42.7	8.88	40.2	8.35	37.8	7.83	36.6	7.58	35.4	7.33	32.9	6.83
		13.0	11.8	42.7	8.41	40.2	7.91	37.8	7.43	36.6	7.19	35.4	6.96	32.9	6.49
		15.0	13.7	42.7	7.99	40.2	7.53	37.8	7.08	36.6	6.85	35.4	6.63	32.9	6.20
50	28.00	-24.9	-25.0	35.5	17.0	33.5	15.9	31.5	14.8	30.5	14.3	29.5	13.8	27.5	12.7
		-22.8	-23.0	35.5	15.8	33.5	14.8	31.5	13.8	30.5	13.3	29.5	12.8	27.5	11.9
		-21.8	-22.0	35.5	15.2	33.5	14.3	31.5	13.3	30.5	12.8	29.5	12.4	27.5	11.5
		-20.8	-21.0	35.5	14.7	33.5	13.8	31.5	12.9	30.5	12.4	29.5	12.0	27.5	11.1
		-19.8	-20.0	35.5	14.3	33.5	13.4	31.5	12.5	30.5	12.0	29.5	11.6	27.5	10.8
		-18.8	-19.0	35.5	13.8	33.5	13.0	31.5	12.1	30.5	11.7	29.5	11.3	27.5	10.5
		-16.7	-17.0	35.5	13.1	33.5	12.3	31.5	11.5	30.5	11.1	29.5	10.7	27.5	9.97
		-13.7	-15.0	35.5	12.6	33.5	11.8	31.5	11.1	30.5	10.7	29.5	10.3	27.5	9.59
		-11.8	-13.0	35.5	12.2	33.5	11.5	31.5	10.7	30.5	10.4	29.5	10.01	27.5	9.31
		-9.8	-11.0	35.5	11.9	33.5	11.2	31.5	10.5	30.5	10.1	29.5	9.79	27.5	9.11
		-9.5	-10.0	35.5	11.8	33.5	11.1	31.5	10.4	30.5	10.03	29.5	9.70	27.5	9.03
		-8.5	-9.1	35.5	11.7	33.5	11.0	31.5	10.3	30.5	9.96	29.5	9.62	27.5	8.96
		-7.0	-7.6	35.5	11.5	33.5	10.8	31.5	10.2	30.5	9.83	29.5	9.50	27.5	8.86
		-4.4	-5.0	35.5	11.2	33.5	10.5	31.5	9.90	30.5	9.58	29.5	9.26	27.5	8.65
		-3.0	-3.7	35.5	11.0	33.5	10.3	31.5	9.72	30.5	9.41	29.5	9.11	27.5	8.50
		0.0	-0.7	35.5	10.31	33.5	9.72	31.5	9.14	30.5	8.85	29.5	8.57	27.5	8.01
		3.0	2.2	35.5	9.23	33.5	8.71	31.5	8.20	30.5	7.94	29.5	7.69	27.5	7.20
		5.0	4.0	35.5	8.27	33.5	7.81	31.5	7.36	30.5	7.13	29.5	6.91	27.5	6.47
		7.0	6.0	35.5	8.15	33.5	7.68	31.5	7.22	30.5	6.99	29.5	6.76	27.5	6.31
		9.0	7.9	35.5	7.74	33.5	7.30	31.5	6.87	30.5	6.65	29.5	6.44	27.5	6.02
		11.0	9.8	35.5	7.36	33.5	6.95	31.5	6.54	30.5	6.34	29.5	6.14	27.5	5.74
		13.0	11.8	35.5	6.99	33.5	6.60	31.5	6.22	30.5	6.03	29.5	5.85	27.5	5.48
		15.0	13.7	35.5	6.66	33.5	6.30	31.5	5.94	30.5	5.76	29.5	5.59	27.5	5.24

CC08A004(3)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

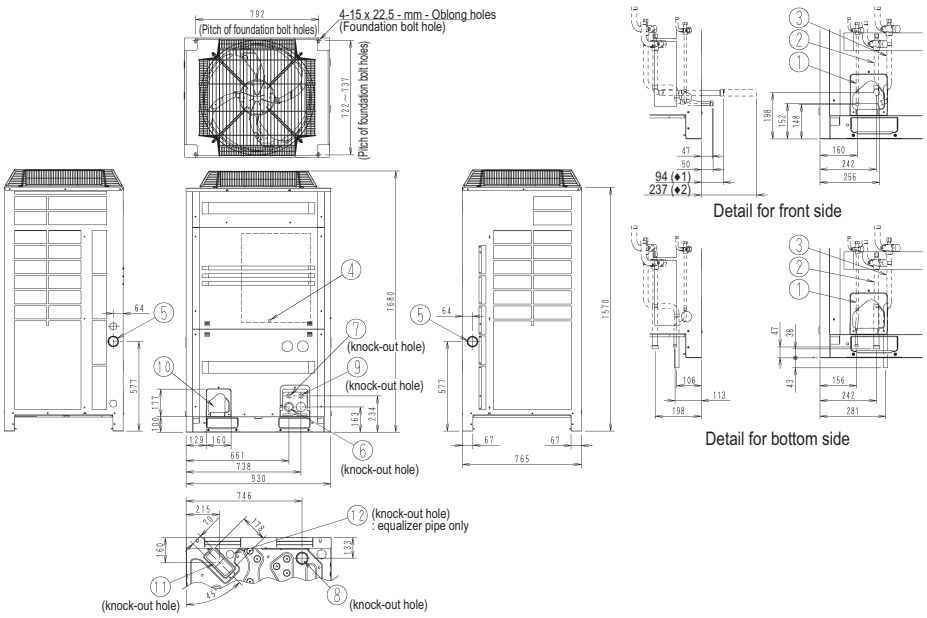
1. is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
   dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft
   Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται
   se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante
   est montré comme référence.Lors du choix des modèles d'unités, évitez la plage de températures de l'air extérieur illustré par
   valori riportati unicamente come riferimento. Nel selezionare i modelli delle unità, non considerare i valori di temperatura dell'aria esterna indicati con il colore
   is als referentie getoond. Wanneer modellen van eenheden worden gekozen, vermijd dan het bereik van buitenluchttemperaturen geïllustreerd door
   показан как. При выборе модели устройства избегайте внешнюю температуру воздуха, указанную в
   referans olarak gösterilmektedir. Ünite modellerini seçerken, belirtilen Dış hava sıcaklığı aralığından kaçının
2. The above table shows the average value of conditions which may occur.
   Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
   Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
   La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
   Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
   La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
   De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
   Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
   Yukarıdaki tablo meydana gelebilecek koþullarýn ortalama deðerini göstermektedir.

5 Dimensional drawings

5 - 1 Dimensional Drawings

5

RTSQ8,12PA



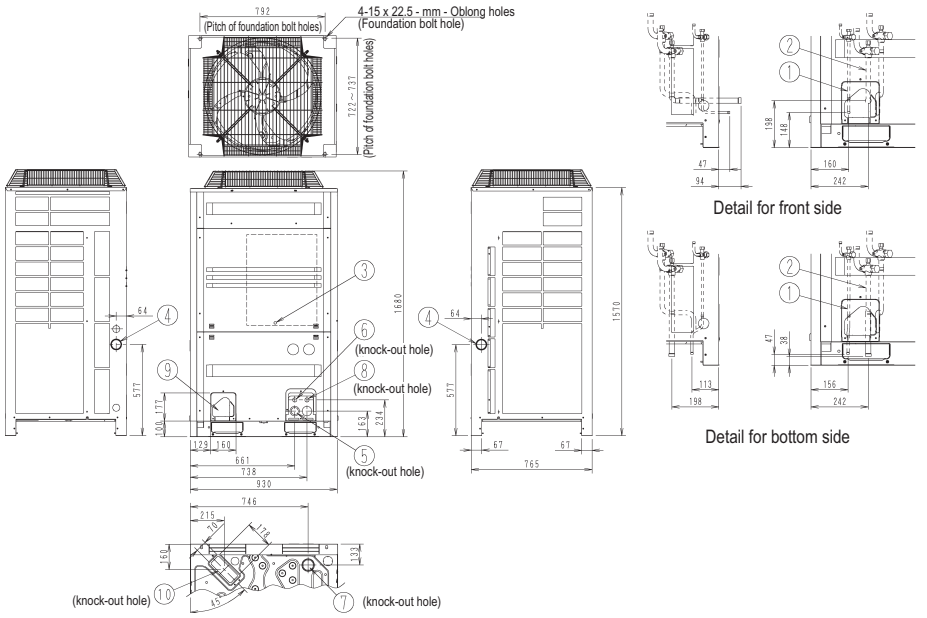
3D076290

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Gas pipe connection port	See note 2
3	Equalizer pipe connection port	See note 2
4	Ground terminal	Inside of switch box (M8)
5	Power cord routing hole (side)	ø 62
6	Power cord routing hole (front)	ø 45
7	Power cord routing hole (front)	ø 27
8	Power cord routing hole (bottom)	ø 65.5
9	Wire routing hole (front)	ø 27
10	Pipe routing hole (front)	
11	Pipe routing hole (bottom)	
12	Pipe routing hole (bottom)	ø 50

NOTES

1. Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.
2. Gas pipe connection port
   ø 22.2 Brazing connection RTSQ8PA
   ø 28.6 Brazing connection RTSQ12PA
   Liquid pipe connection port
   ø 9.5 Brazing connection RTSQ8PA
   ø 12.7 Brazing connection RTSQ12PA
3. ♦1 shows the dimension after fixing the accessory pipe RTSQ8PA
4. ♦2 shows the dimension after fixing the accessory pipe RTSQ12PA

RTSQ10PA



3D076289

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Gas pipe connection port	See note 2
3	Ground terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø 62
5	Power cord routing hole (front)	ø 45
6	Power cord routing hole (front)	ø 27
7	Power cord routing hole (bottom)	ø 65.5
8	Wire routing hole (front)	ø 27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

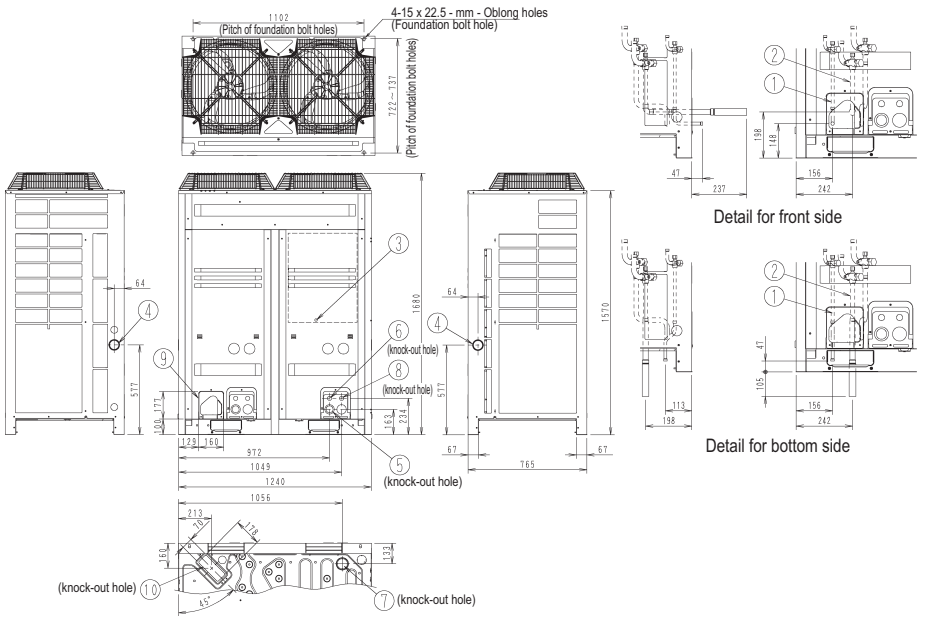
NOTES

1. Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.
2. Gas pipe connection port
   ø 22.2 Brazing connection
   Liquid pipe connection port
   ø 9.5 Brazing connection

5 Dimensional drawings

5 - 1 Dimensional Drawings

RTSQ14,16PA



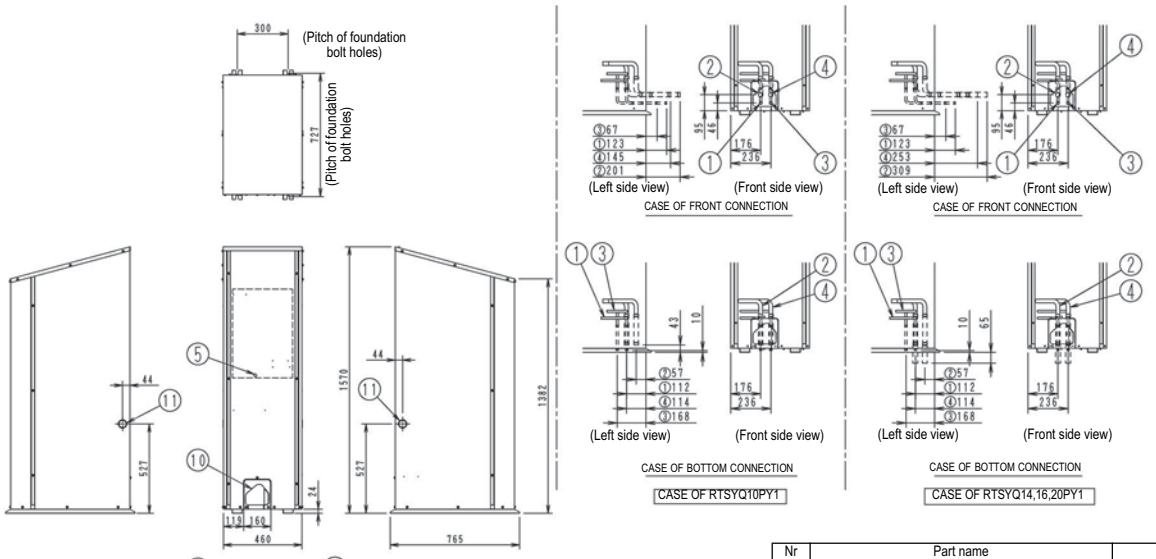
3D076291

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Gas pipe connection port	See note 2
3	Ground terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø 62
5	Power cord routing hole (front)	ø 45
6	Power cord routing hole (front)	ø 27
7	Power cord routing hole (bottom)	ø 65.5
8	Wire routing hole (front)	ø 27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

NOTES

1. Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.
2. Gas pipe connection port
   ø 28.6 Brazing connection
   Liquid pipe connection port
   ø 12.7 Brazing connection

BTSQ20PY1



NOTES

1 Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.

2 Gas pipe connection port
   Ø22.2 Brazing connection - RTSYQ10PY1 (E)
   Ø28.6 Brazing connection - RTSYQ14,16,20PY1 (E)
   Liquid pipe connection port
   Ø9.5 Brazing connection - RTSYQ10PY1 (E)
   Ø12.7 Brazing connection - RTSYQ14,16,20PY1 (E)

Nr	Part name	Remarks
1	Liquid pipe connection port (to outdoor unit)	See note 2
2	Gas pipe connection port (to outdoor unit)	See note 2
3	Liquid pipe connection port (to indoor unit)	See note 2
4	Gas pipe connection port (to indoor unit)	See note 2
5	Grounding terminal	Inside of switch box (M5)
6	Liquid pipe routing hole (to outdoor unit)	Ø35
7	Gas pipe routing hole (to outdoor unit)	Ø50
8	Liquid pipe routing hole (to indoor unit)	Ø35
9	Gas pipe routing hole (to indoor unit)	Ø50
10	Pipe routing	
11	Power cord routing hole (side)	Ø45
12	Power cord routing hole (bottom)	Ø35

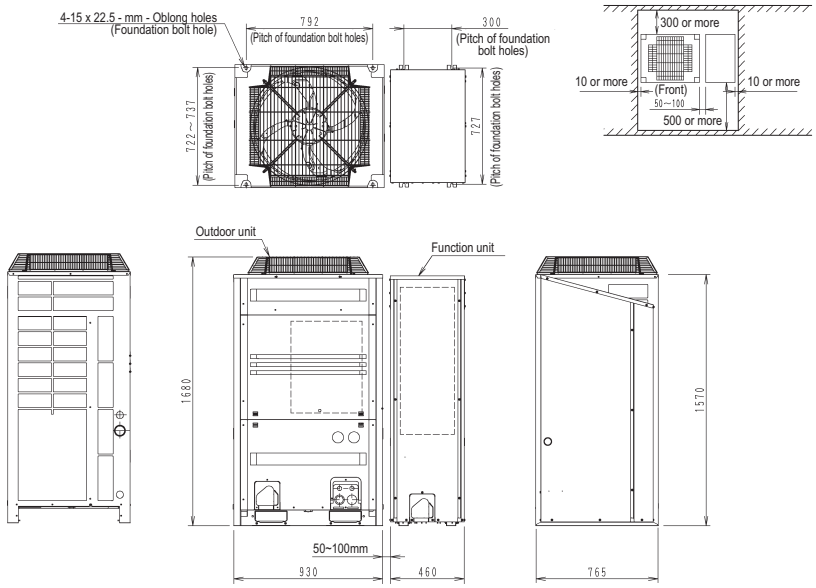
3D060838

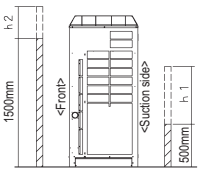
5 Dimensional drawings

5 - 1 Dimensional Drawings

5

RTSYQ10PA





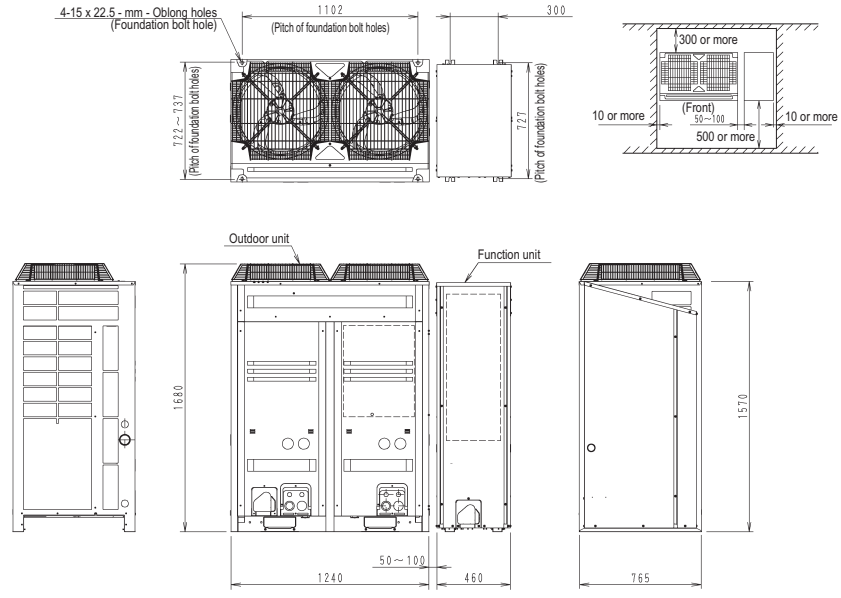
System	Outdoor unit	DWG. No.	Function unit	DWG. No.
RTSYQ10PA	RTSQ10PA	3D076289	BTSQ20P	3D060838

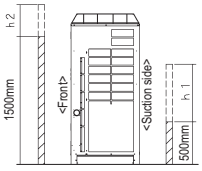
NOTES

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.
5. In case there expected heavy snow, prepare some countermeasures recommended as follows:
   1) Outdoor and Function unit must be installed on a foundation (field supply) in order to secure a distance of 200-300mm or more between the bottom frame and the snow-laid ground surface.
   2) Install a snowbreak hood (option) and remove its back side air inlet grill.
6. Air outlet of snowbreak hood must face at right angle or lower level than the winter wind, in case a snowbreak hood is installed at the air outlet of the unit.
7. In case there expected to freeze of exhausted water from de-frost operation due to the cold outdoor temperature in winter time, secure a sufficient space between the bottom frame and the foundation. (500-1000mm is suggested as an appropreate distance.)

3D076286

RTSQ14,16PA





System	Outdoor unit	DWG. No.	Function unit	DWG. No.
RTSYQ14PA	RTSQ14PA	3D076291	BTSQ20P	3D060838
RTSYQ16PA	RTSQ16PA	3D076291	BTSQ20P	3D060838

NOTES

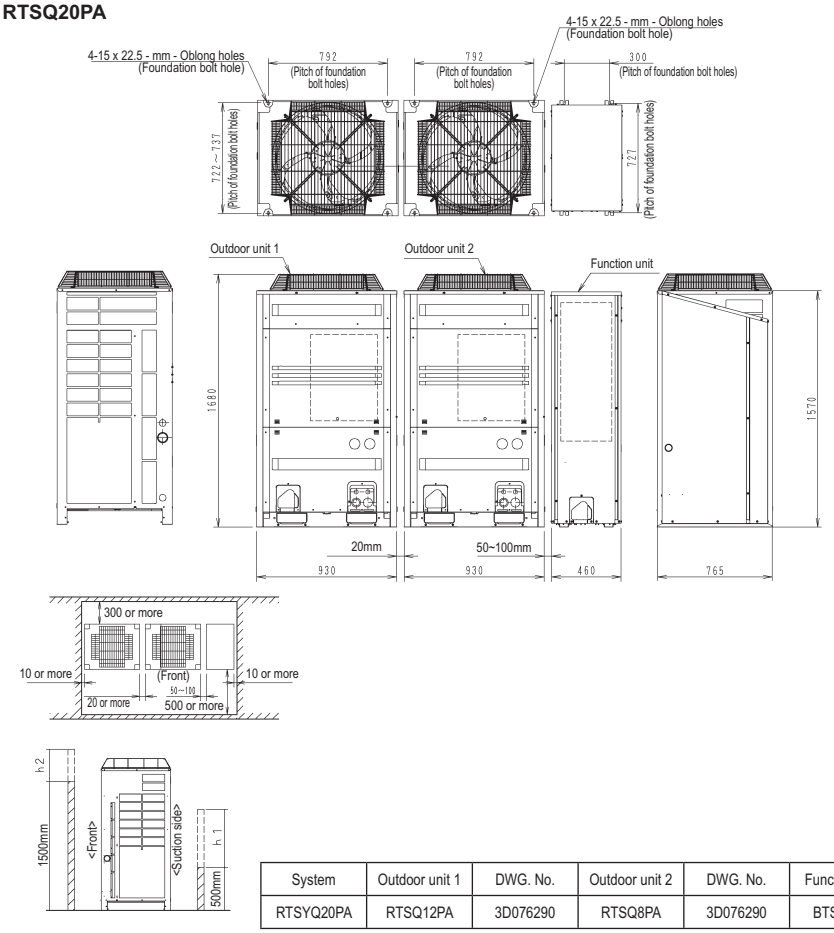
1. Heights of walls in case of Patterns 1 and 2:
   Front: 1500mm
   Suction side: 500mm
   Side: Height unrestricted
   Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature. When the design outdoor air temperature exceeds 35 degrees or 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.
5. In case there expected heavy snow, prepare some countermeasures recommended as follows:
   1) Outdoor and Function unit must be installed on a foundation (field supply) in order to secure a distance of 200-300mm or more between the bottom frame and the snow-laid ground surface.
   2) Install a snowbreak hood (option) and remove its back side air inlet grill.
6. Air outlet of snowbreak hood must face at right angle or lower level than the winter wind, in case a snowbreak hood is installed at the air outlet of the unit.
7. In case there expected to freeze of exhausted water from de-frost operation due to the cold outdoor temperature in winter time, secure a sufficient space between the bottom frame and the foundation. (500-1000mm is suggested as an appropreate distance.)

3D076287

5 Dimensional drawings

5 - 1 Dimensional Drawings

RTSQ20PA



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.
5. In case there expected heavy snow, prepare some countermeasures recommended as follows:
   1) Outdoor and Function unit must be installed on a foundation (field supply) in order to secure a distance of 200-300mm or more between the bottom frame and the snow-laid ground surface.
   2) Install a snowbreak hood (option) and remove its back side air inlet grill.
6. Air outlet of snowbreak hood must face at right angle or lower level than the winter wind, in case a snowbreak hood is installed at the air outlet of the unit.
7. In case there expected to freeze of exhausted water from de-frost operation due to the cold outdoor temperature in winter time, secure a sufficient space between the bottom frame and the foundation. (500-1000mm is suggested as an appropreate distance.)

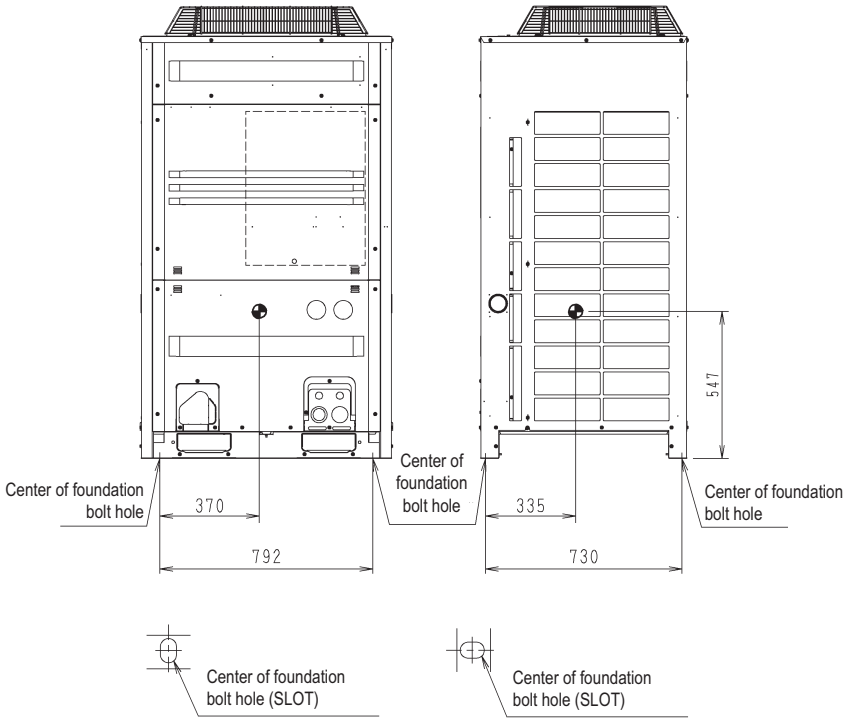
System	Outdoor unit 1	DWG. No.	Outdoor unit 2	DWG. No.	Function unit	DWG. No.
RTSYQ20PA	RTSQ12PA	3D076290	RTSQ8PA	3D076290	BTSQ20P	3D060838

3D076288

6 Centre of gravity

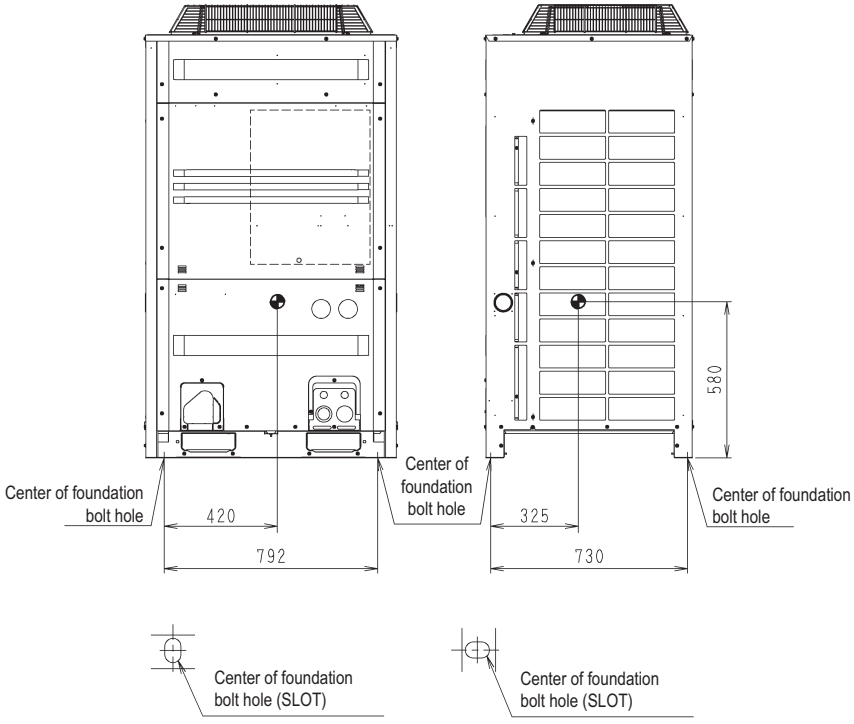
6 - 1 Centre of Gravity

RTSQ8PA



4D057576C

RTSQ10,12PA

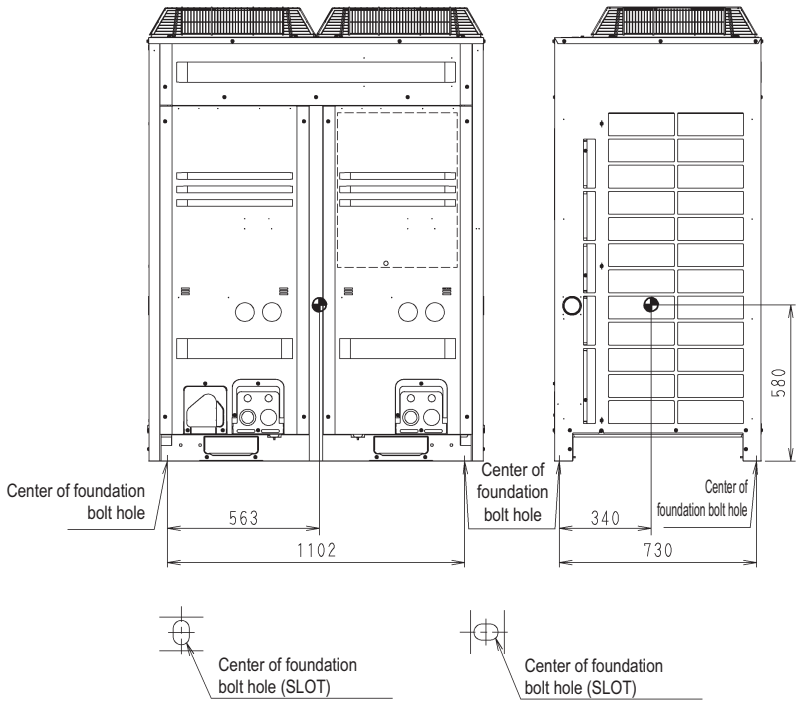


4D057577C

6 Centre of gravity

6 - 1 Centre of Gravity

RTSQ14,16PA

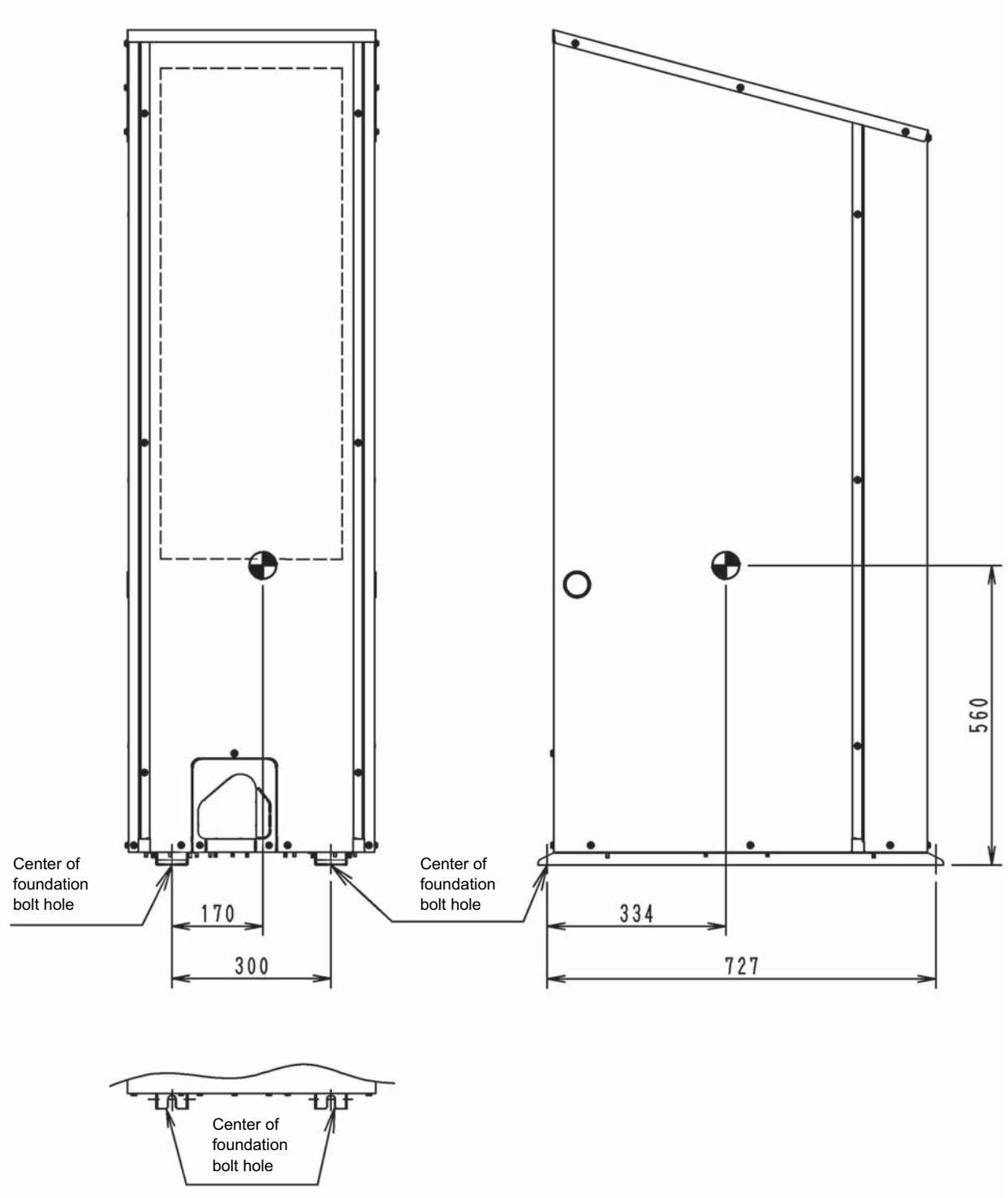


4D057578C

6 Centre of gravity

6 - 1 Centre of Gravity

BTSQ20PY1

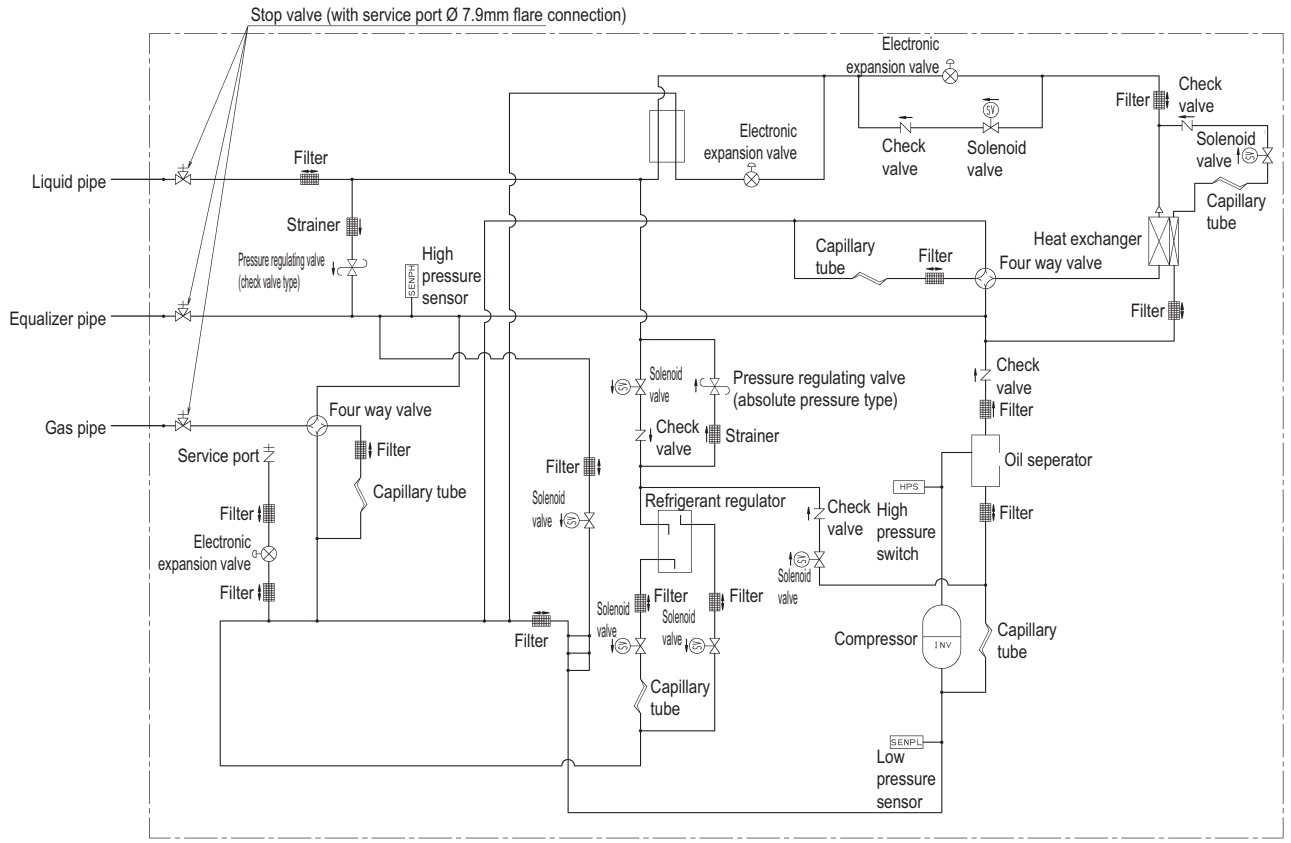


4D059328A

7 Piping diagrams

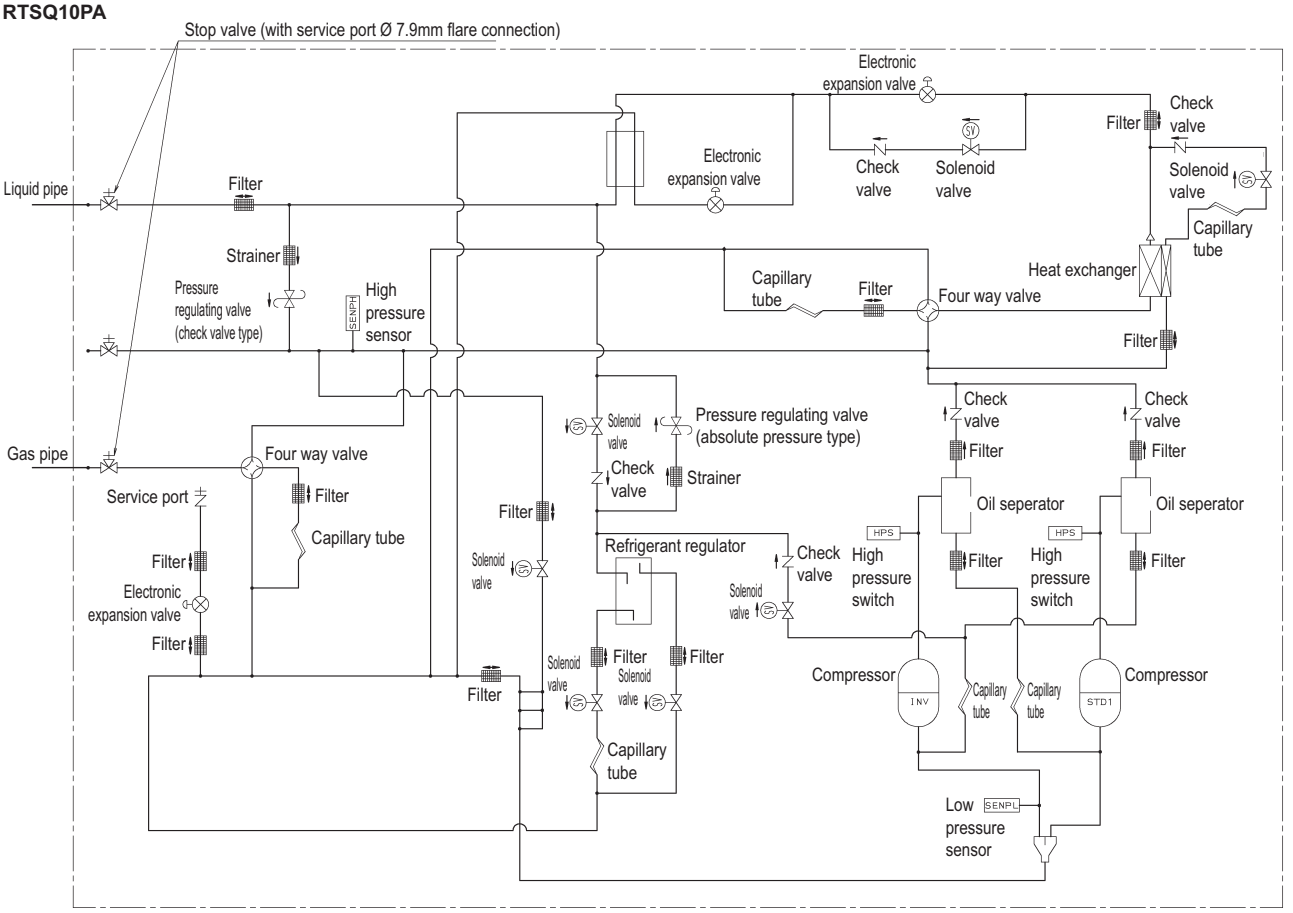
7 - 1 Piping Diagrams

RTSQ8PA



3D076297

RTSQ10PA

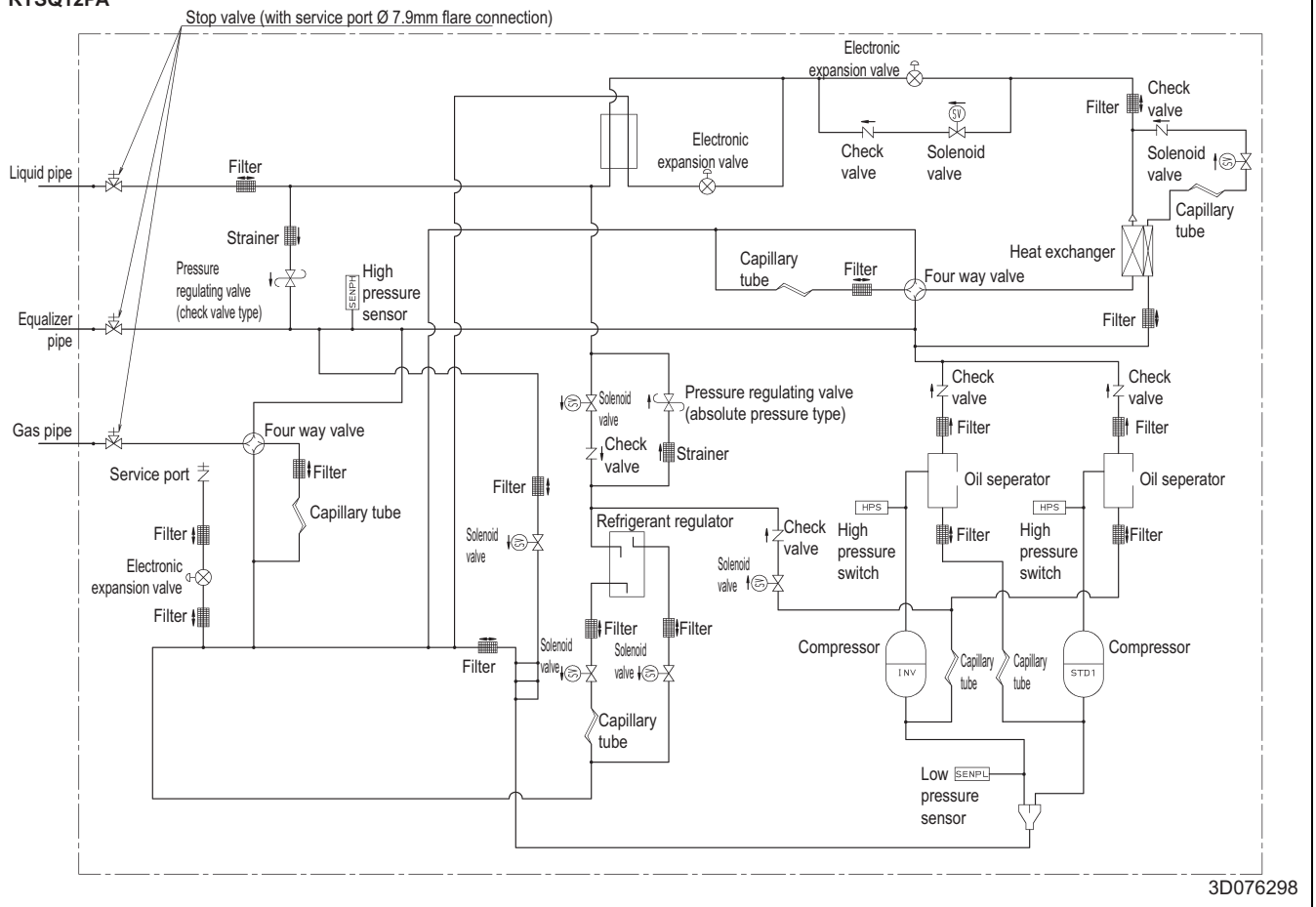


3D076295

7 Piping diagrams

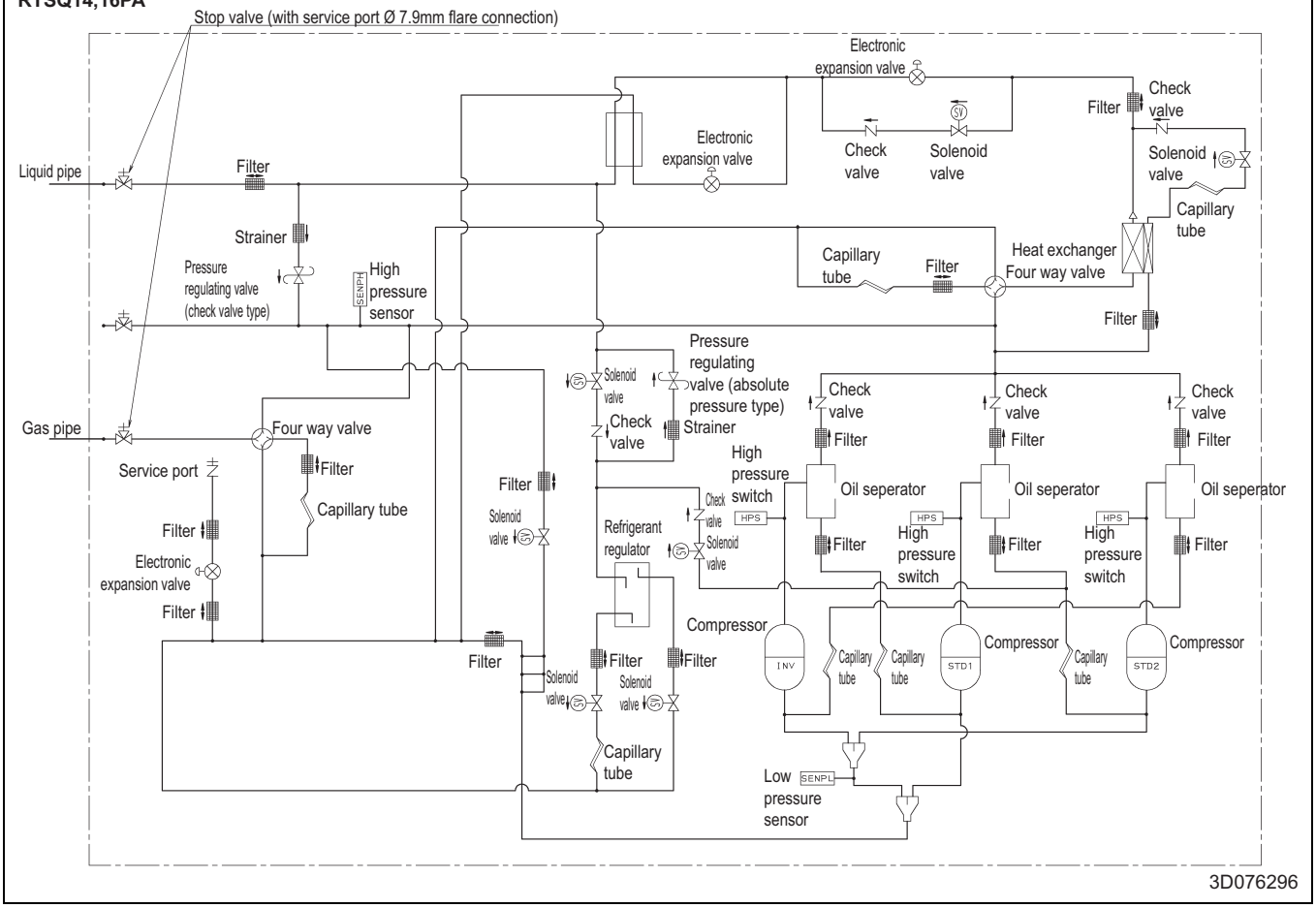
7 - 1 Piping Diagrams

RTSQ12PA



3D076298

RTSQ14,16PA

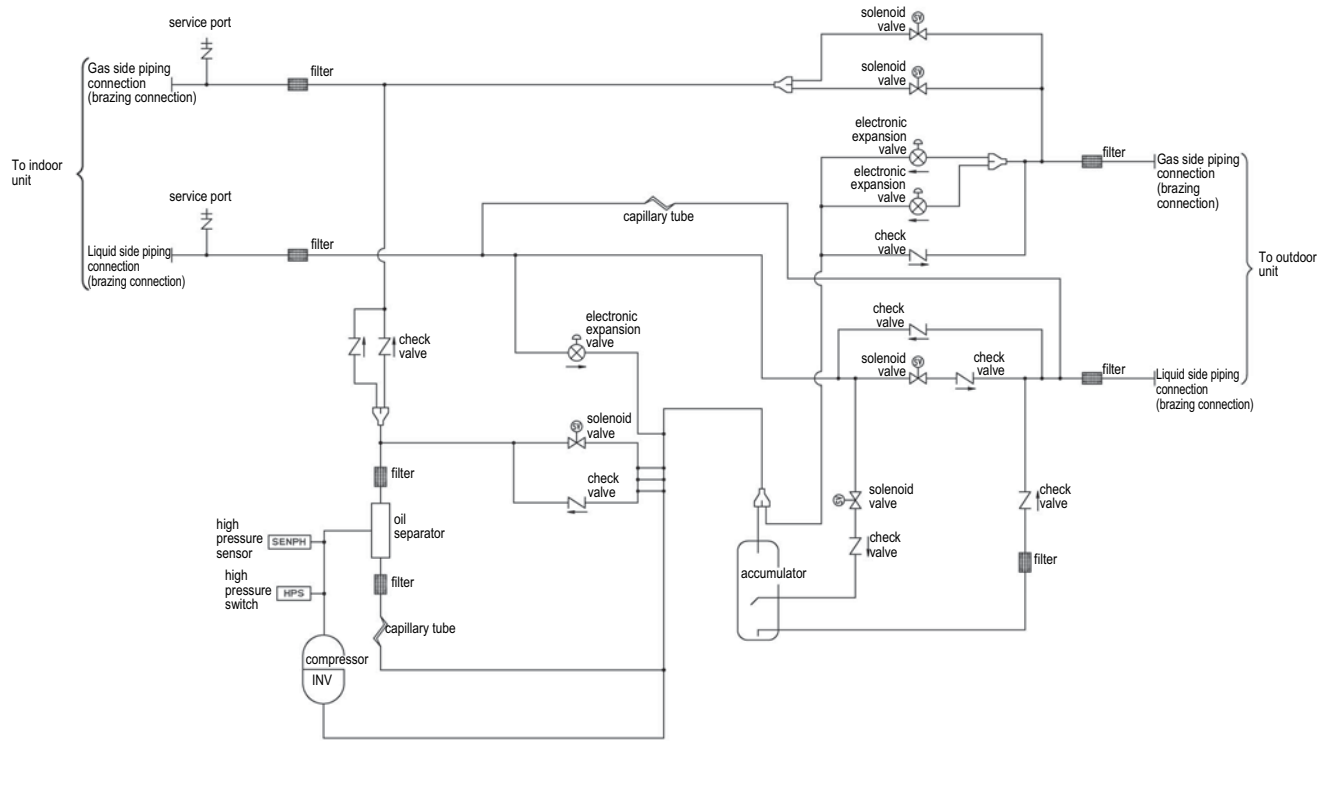


3D076296

7 Piping diagrams

7 - 1 Piping Diagrams

BTSQ20PY1

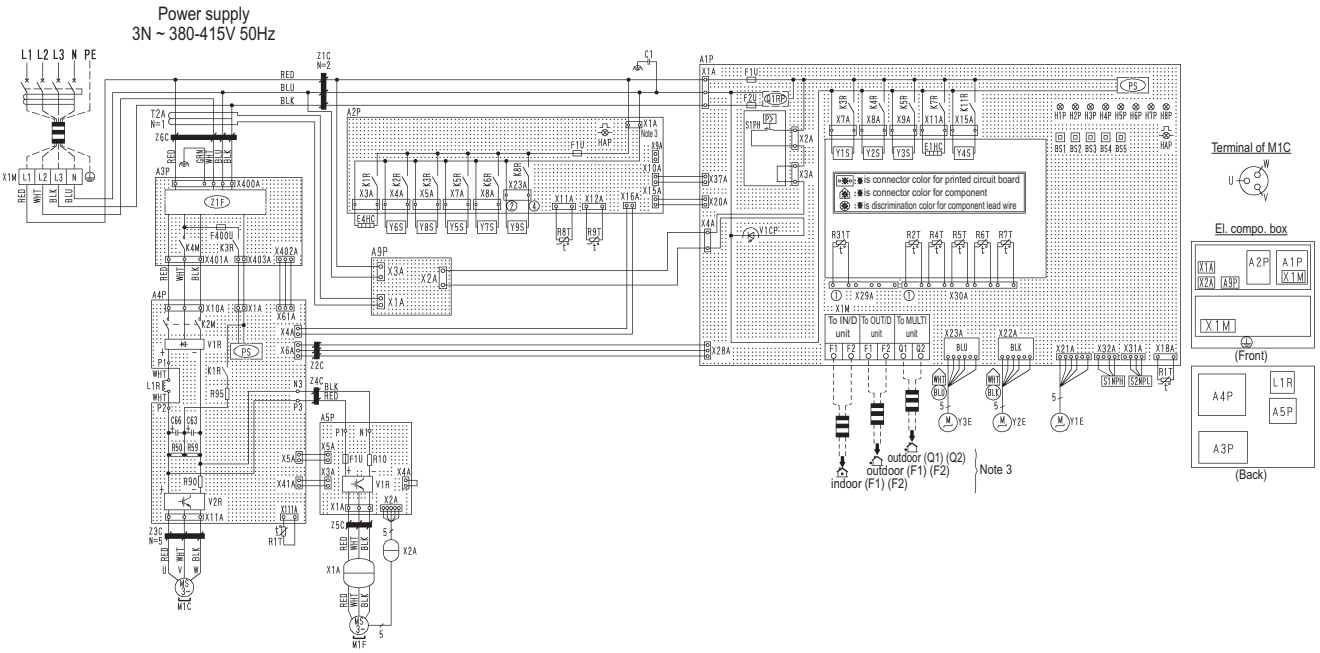


3D060823

8 Wiring diagrams

8 - 1 Wiring Diagrams - Three Phase

RTSQ8PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K4M	Magnetic contactor (M1C) (A3P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A2P	Printed circuit board (sub)	K1R	Magnetic relay (A4P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A3P	Printed circuit board (noise filter)	K1R	Magnetic relay (E4HC)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A4P	Printed circuit board (INV)	K2R	Magnetic relay (Y6S)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
A5P	Printed circuit board (fan)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
A9P	Printed circuit board (sub)	K3R	Magnetic relay (Y8S) (A2P)	R31T	Thermistor (M1C discharge)	Y1S	Solenoid valve (RMTG)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
		K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
C1	Capacitor	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
C63, C66	Capacitor	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
E1HC	Crankcase heater	K6R	Magnetic relay (Y7S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
E4HC	El. compo. box heater	K7R	Magnetic relay (E1HC)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K8R	Magnetic relay (Y9S)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K11R	Magnetic relay (Y4S)	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F1U	Fuse (8A, DC650V) (A5P)	L1R	Reactor	S1PH	Pressure switch (high)	Z1C~6C	Noise filter (ferrite core)
F400U	Fuse (T, 6, 3A, 250V)	M1C	Motor (compressor)	T2A	Current sensor (A9P)	Z1F	Noise filter (with surge absorber)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test ---- flickering Malfunction detection - light up	M1F	Motor (fan)	V1CP	Safety devices input		
		PS	Switching power supply (A1P, A4P)	V1R	Diode bridge (A4P)	Connector for optional parts	
		Q1RP	Phase reversal detect circuit (A1P)	V1R	Power module (A5P)	X9A	Power supply (adapter) (A2P)
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	R10	Resistor (current sensor)	V2R	Power module		
K2M	Magnetic contactor (M1C) (A4P)	R50, R59	Resistor	X1A, X2A	Connector (M1F)		

3D0757531B

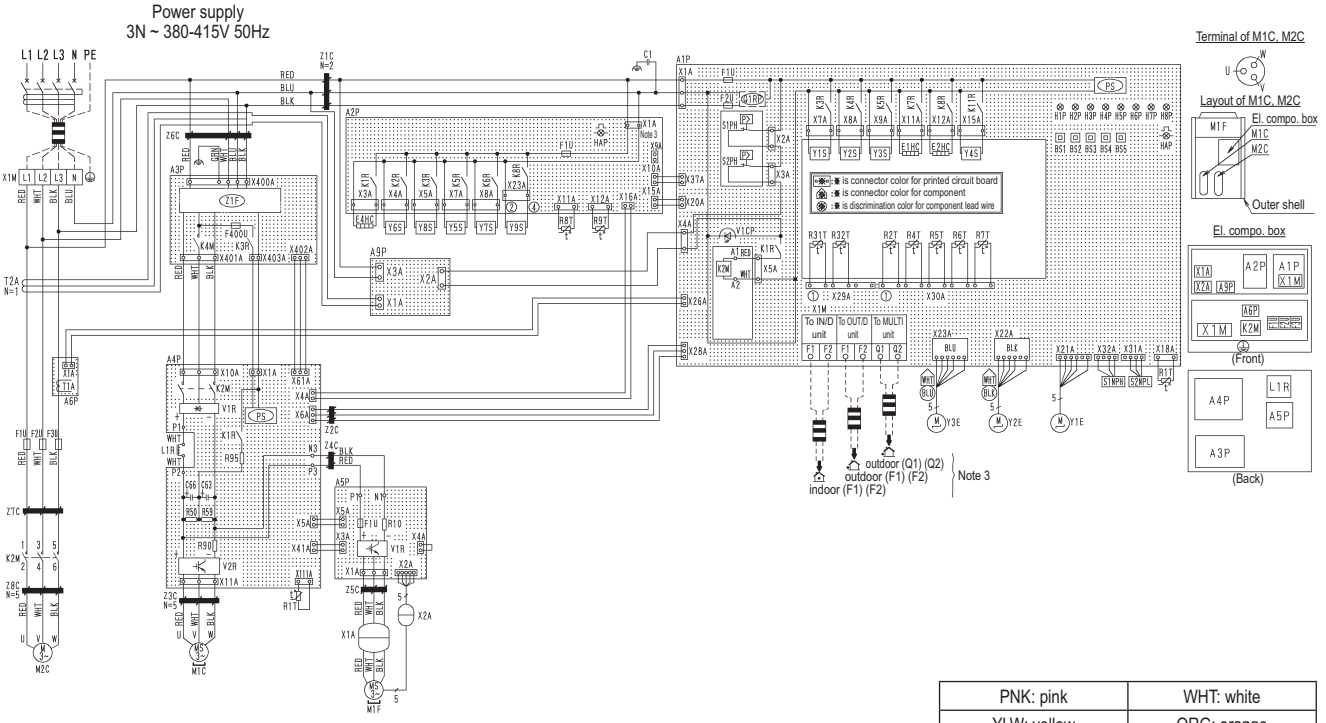
NOTES

1. □□□□ : terminal strip, ⊡⊡ : connector, -○- : terminal, ▬▮▬ : field wiring, ⏚ : protective earth (screw)
2. This wiring diagram is applied only to the outdoor unit.
3. When using the optional adapter, refer to the installation manual of the optional adapter.
4. For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
5. How to use BS1~5, refer to “service precaution” label on el. compo. box cover.
6. When operating, don’t shortcircuit the protection device (S1PH).

8 Wiring diagrams

8 - 1 Wiring Diagrams - Three Phase

RTSQ10,12PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K2M	Magnetic contactor (M1C) (A4P)	Q1RP	Phase reversal detect circuit	V1R	Power module (A5P)
A2P	Printed circuit board (sub)	K2M	Magnetic contactor (M2C)	R10	Resistor (current sensor)	V2R	Power module
A3P	Printed circuit board (noise filter)	K4M	Magnetic contactor (M1C) (A3P)	R50, R59	Resistor	X1A, X2A	Connector (M1F)
A4P	Printed circuit board (INV)	K1R	Magnetic relay (K2M) (A1P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A5P	Printed circuit board (fan)	K1R	Magnetic relay (E4HC) (A2P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A6P	Printed circuit board (current sensor)	K1R	Magnetic relay (A4P)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A9P	Printed circuit board (sub)	K2R	Magnetic relay (Y6S)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
		K3R	Magnetic relay (Y8S) (A2P)	R31T, R32T	Thermistor (M1C, M2C discharge)	Y1S	Solenoid valve (RMTG)
C1	Capacitor	K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
C63, C66	Capacitor	K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
E1HC, E2HC	Crankcase heater	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
E4HC	El. compo. box heater	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K6R	Magnetic relay (Y7S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K7R	Magnetic relay (E1HC)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U	Fuse (8A, DC650V) (A5P)	K8R	Magnetic relay (E2HC) (A1P)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U~3U	Fuse	K8R	Magnetic relay (Y9S) (A2P	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F400U	Fuse (T, 6, 3A, 250V) (A3P)	K11R	Magnetic relay (Y4S)	S1PH, S2PH	Pressure switch (high)	Z1C~8C	Noise filter (ferrite core)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test ---- flickering Malfunction detection - light up	L1R	Reactor	T1A	Current sensor (A6P)	Z1F	Noise filter (with surge absorber)
		M1C, M2C	Motor (compressor)	T2A	Current sensor (A9P)		
		M1F	Motor (fan)	V1CP	Safety devices input	Connector for optional parts	
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	PS	Switching power supply (A1P, A4P)	V1R	Diode bridge (A4P)	X9A	Power supply (adapter) (A2P)

3D0757532B

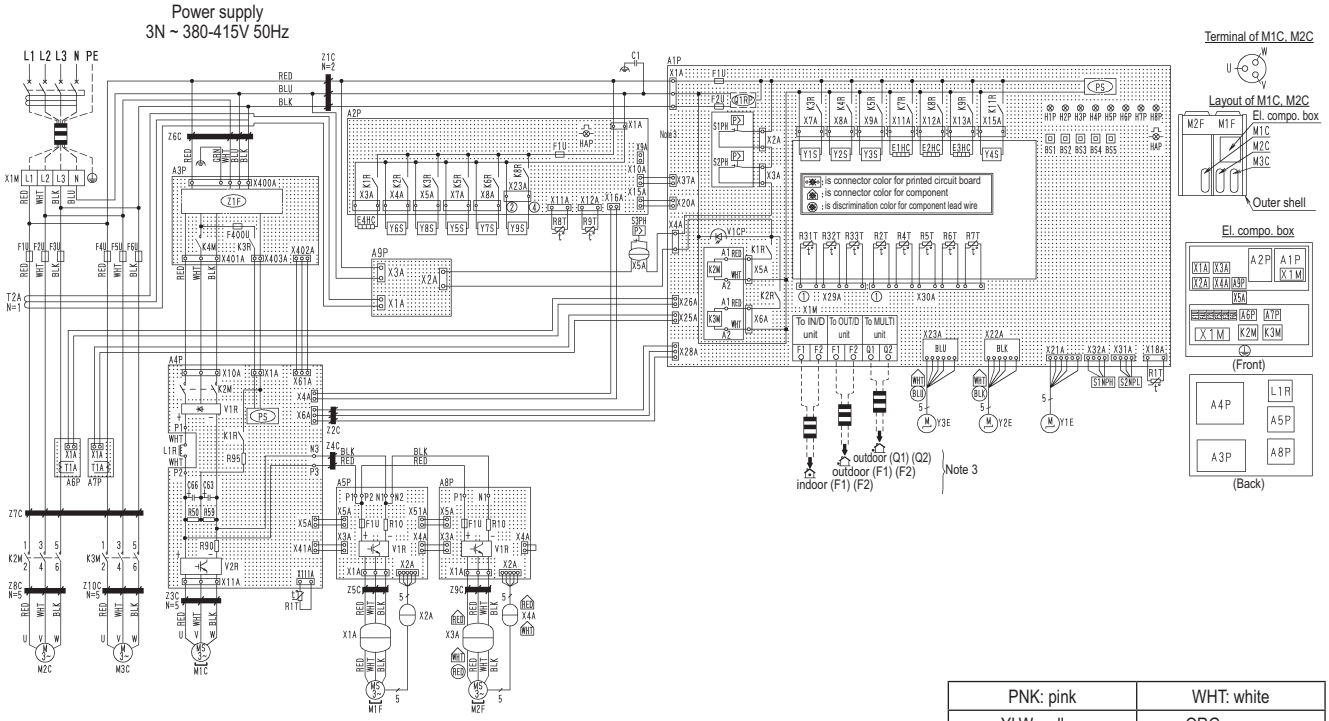
NOTES

1. ☐☐☐☐: terminal strip, ⊙⊙: connector, –○–: terminal, ═▮▮▮═: field wiring, ⏚: protective earth (screw)
2. This wiring diagram is applied only to the outdoor unit.
3. When using the optional adapter, refer to the installation manual of the optional adapter.
4. For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
5. How to use BS1~5, refer to “service precaution” label on el. compo. box cover.
6. When operating, don’t shortcircuit the protection device (S1PH, S2PH).

8 Wiring diagrams

8 - 1 Wiring Diagrams - Three Phase

RTSQ14,16PA



PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

A1P	Printed circuit board (main)	K2M, K3M	Magnetic contactor (M2C, M3C)	R10	Resistor (current sensor) (A5P, A7P)	X1A~4A	Connector (M1F, M2F)
A2P	Printed circuit board (sub)	K4M	Magnetic contactor (M1C) (A3P)	R50, R59	Resistor	X5A	Connector (S3PH)
A3P	Printed circuit board (noise filter)	K1R, K2R	Magnetic relay (K2M, K3M) (A1P)	R90	Resistor (current sensor)	X1M	Terminal strip (power supply)
A4P	Printed circuit board (INV)	K1R	Magnetic relay (E4HC) (A2P)	R95	Resistor (current limiting)	X1M	Terminal strip (control) (A1P)
A5P, A8P	Printed circuit board (fan)	K1R	Magnetic relay (A4P)	R1T	Thermistor (air) (A1P)	Y1E	Electronic expansion valve (main)
A6P, A7P	Printed circuit board (current sensor)	K2R	Magnetic relay (Y6S) (A2P)	R1T	Thermistor (fin) (A4P)	Y2E	Electronic expansion valve (charge)
A9P	Printed circuit board (sub)	K3R	Magnetic relay (Y1S) (A1P)	R2T	Thermistor (heat exc. gas)	Y3E	Electronic expansion valve (subcool)
BS1~5	Push button switch (Mode, set, return, test, reset)	K3R	Magnetic relay (Y8S) (A2P)	R31T~33T	Thermistor (M1C~3C discharge)	Y1S	Solenoid valve (RMTG)
		K3R	Magnetic relay (A3P)	R4T	Thermistor (heat exc. deicer)	Y2S	Solenoid valve (4 way valve) (pipe)
C1	Capacitor	K4R	Magnetic relay (Y2S)	R5T	Thermistor (sub cool heat exc. gas)	Y3S	Solenoid valve (4 way valve) (heat exc.)
C63, C66	Capacitor	K5R	Magnetic relay (Y3S) (A1P)	R6T	Thermistor (sub cool heat exc. liquid)	Y4S	Solenoid valve (RMTL)
E1HC~3HC	Crankcase heater	K5R	Magnetic relay (Y5S) (A2P)	R7T	Thermistor (heat exc. liquid)	Y5S	Solenoid valve (hot gas)
E4HC	El. compo. box heater	K6R	Magnetic relay (Y7S)	R8T	Thermistor (suction)	Y6S	Solenoid valve (EV bypass)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P)	K7R	Magnetic relay (E1HC)	R9T	Thermistor (liquid)	Y7S	Solenoid valve (RMTD)
F1U	Fuse (T, 3, 15A, 250V) (A2P)	K8R	Magnetic relay (E2HC) (A1P)	S1NPH	Pressure sensor (high)	Y8S	Solenoid valve (RMTT)
F1U	Fuse (8A, DC650V) (A5P, A7P)	K8R	Magnetic relay (Y9S) (A2P	S2NPL	Pressure sensor (low)	Y9S	Solenoid valve (hot gas)
F1U~6U	Fuse	K9R	Magnetic relay (E3HC)	S1PH~3PH	Pressure switch (high)	Z1C~10C	Noise filter (ferrite core)
F400U	Fuse (T, 6, 3A, 250V) (A3P)	K11R	Magnetic relay (Y4S)	T1A	Current sensor (A6P, A7P)	Z1F	Noise filter (with surge absorber)
H1P~8P	Pilot lamp (service monitor: orange) [H2P] Prepare, test ---- flickering Malfunction detection - light up	L1R	Reactor	T2A	Current sensor (A9P)		
		M1C~3C	Motor (compressor)	V1CP	Safety devices input	Connector for optional parts	
		M1F, M2F	Motor (fan)	V1R	Diode bridge (A4P)	X9A	Power supply (adapter) (A2P)
HAP	Pilot lamp (service monitor: green) (A1P) (A2P)	PS	Switching power supply (A1P, A4P)	V1R	Power module (A5P, A8P)		
K2M	Magnetic contactor (M1C) (A4P)	Q1RP	Phase reversal detect circuit	V2R	Power module		

3D0757533B

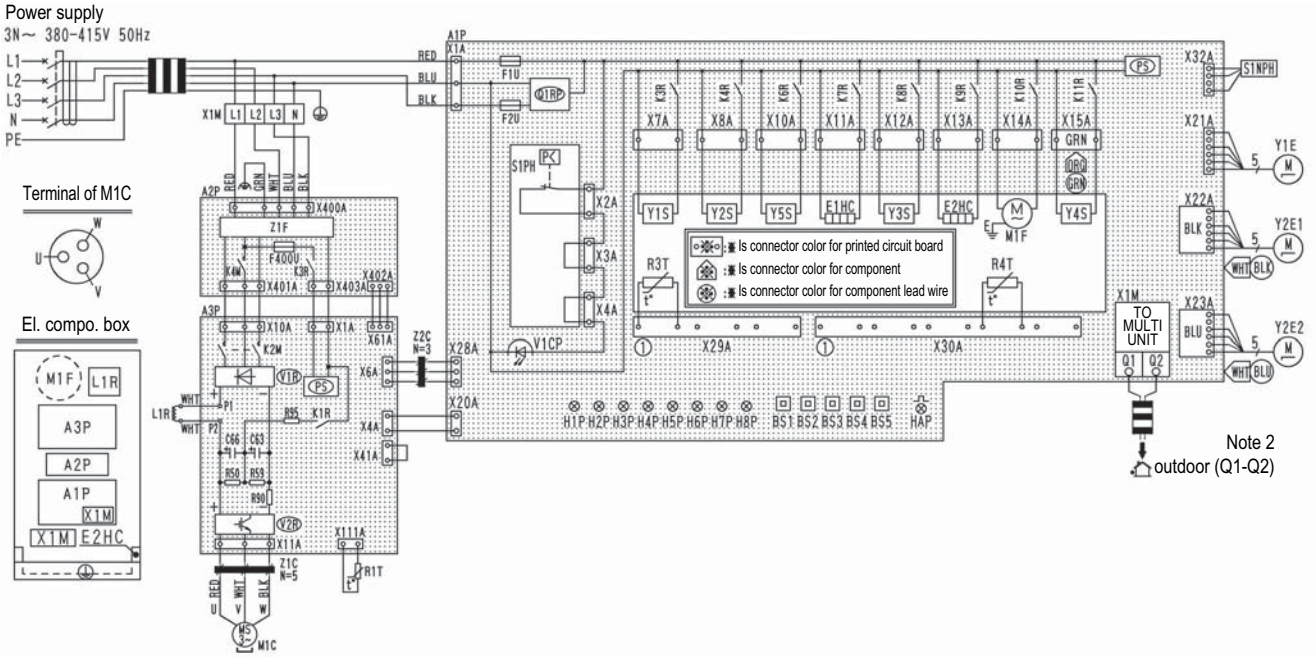
NOTES

1. ☐☐☐☐ : terminal strip, ⊡⊡ : connector, –○– : terminal, ═▮▮▮═ : field wiring, ⏚ : protective earth (screw)
2. This wiring diagram is applied only to the outdoor unit.
3. When using the optional adapter, refer to the installation manual of the optional adapter.
4. For connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2, refer to the installation manual.
5. How to use BS1~5, refer to “service precaution” label on el. compo. box cover.
6. When operating, don’t shortcircuit the protection device (S1~3PH).

8 Wiring diagrams

8 - 2 Wiring Diagrams - Single Phase

BTSQ20PY1



A1P	Printed circuit board (main)	K4R	magnetic relay (Y2S)	S1NPH	pressure sensor (high)
A2P	Printed circuit board (noise filter)	K6R	magnetic relay (Y5S)	S1PH	pressure switch (high)
A3P	Printed circuit board (INV)	K7R	magnetic relay (E1HC)	V1CP	safety devices input
BS1~5	Push button switch (mode, set , return, test, reset)	K8R	magnetic relay (Y3S)	V1R	diode bridge
		K9R	magnetic relay (E2HC)	V2R	power module
C63,C66	capacitor	K10R	magnetic relay (M1F)	X1M	terminal strip (power supply)
E1HC	crankcase heater	K11R	magnetic relay (Y4S)	X1M	terminal strip (control) (A1P)
E2HC	el. compo. box heater	L1R	reactor	Y1E	electronic expansion valve (liquid injection)
F1U, F2U	fuse (T, 3.15A, 250V)	M1C	motor (compressor)	Y2E1	electronic expansion valve (change mode)
F400	fuse (T, 6.3A, 250V)	M1F	motor (cooling fan)	Y2E2	electronic expansion valve (change mode)
H1P~8P	pilot lamp (service monitor: orange) [H2P] prepare, test ..... flickering malfunction detection..... light up	PS	switching power supply (A1P, A3P)	Y1S	solenoid valve (hot gas)
		Q1RP	phase reversal detect circuit	Y2S	solenoid valve (reduction)
		R50, R59	resistor	Y3S	solenoid valve (bypass)
HAP	pilot lamp (service monitor: green)	R90	resistor (current sensor)	Y4S	solenoid valve (bypass)
K2M,	magnetic contactor (M1C)	R95	resistor (current limiting)	Y5S	solenoid valve (change liquid line)
K1R	magnetic relay (A3P)	R1T	thermistor (F1N)	Z1C, Z2C	noise filter (ferrite core)
K3R	magnetic relay (Y1S)(A1P)	R3T	thermistor (M1C discharge)	Z1F	noise filter (with surge absorber)
K3R	magnetic relay (A2P)	R4T	thermistor (liquid)		

: Terminal Strip
: Connector
: Terminal
: Field wiring
: Protective earth screw

Colors:
BLK: black
RED: Red
BLU: Blue
WHT: White
GRN: Green
ORG: Orange

3D060119A

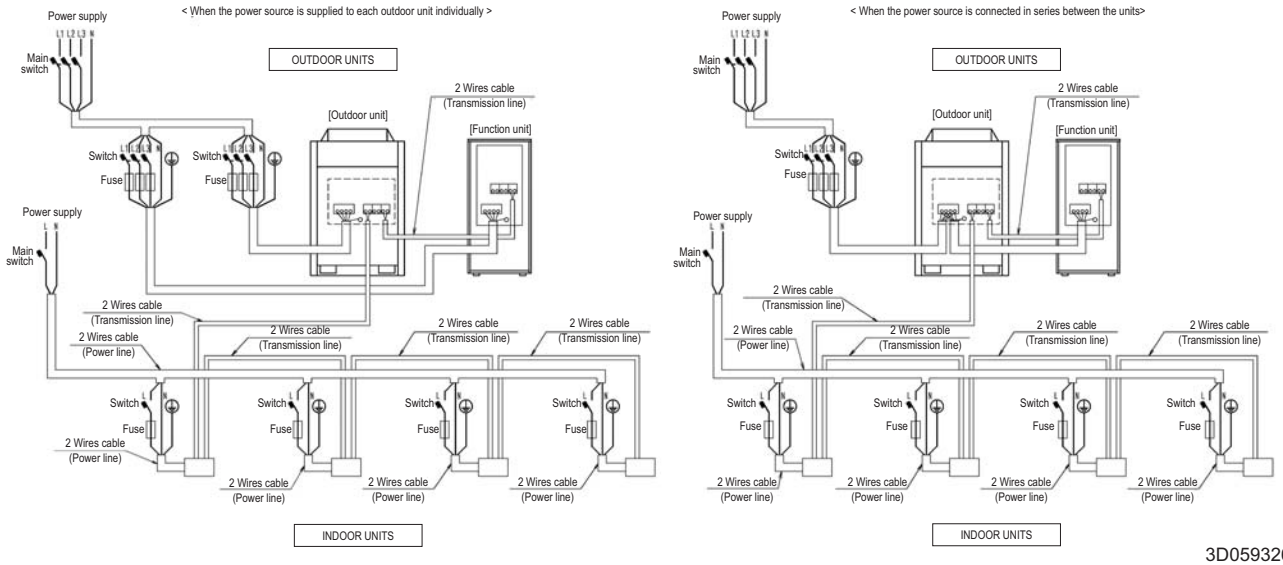
NOTES

1 This wiring diagram is applied only to the outdoor unit.
2 For connection wiring to outdoor-multi transmission Q1-Q2, refer to the installation manual.
3 How to use BS1~5, refer to “service precaution” label on el.compo.box.cover.
4 When operating, do not shortcircuit the protection device (S1PH).

9 External connection diagrams

9 - 1 External Connection Diagrams

RTSYQ10,14,16PA

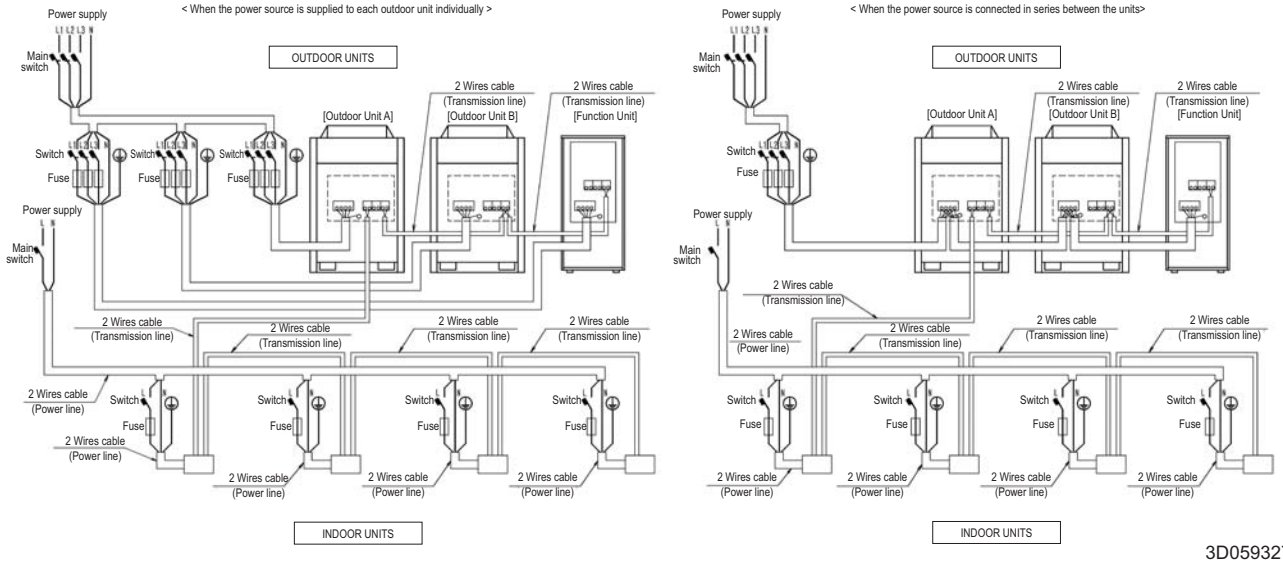


3D059326B

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 equipement.
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.

RTSYQ20PA



3D059327B

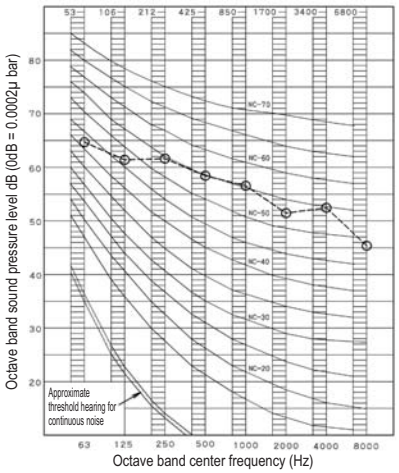
NOTES

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 equipement.
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.

10 Sound data

10 - 1 Sound Pressure Spectrum

RTSYQ10PA - Maximum

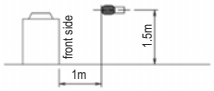


4D059340B

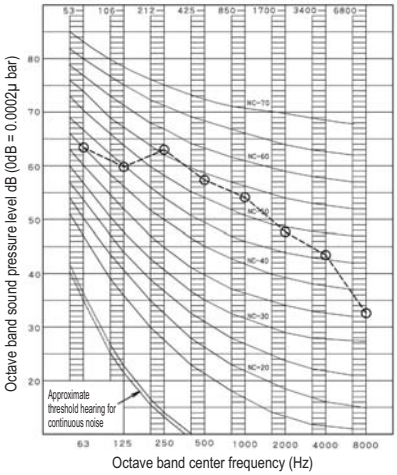
NOTES

Scale	50Hz
A	62
C	69

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz Maximum compressor operating capacity
5. Location of microphone.



RTSYQ10PA - Nominal

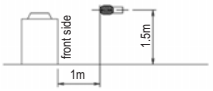


4D059344B

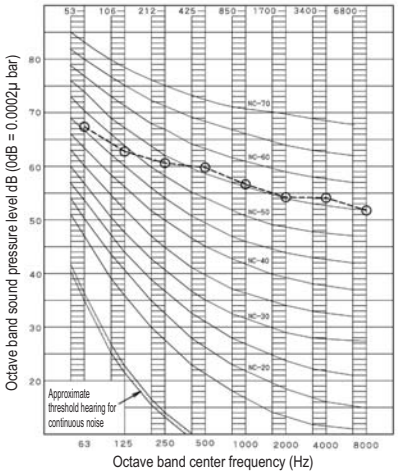
NOTES

Scale	50Hz
A	60
C	67

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz JIS Standard
5. Location of microphone.



RTSYQ14PA - Maximum

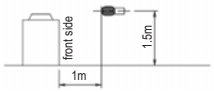


4D059341B

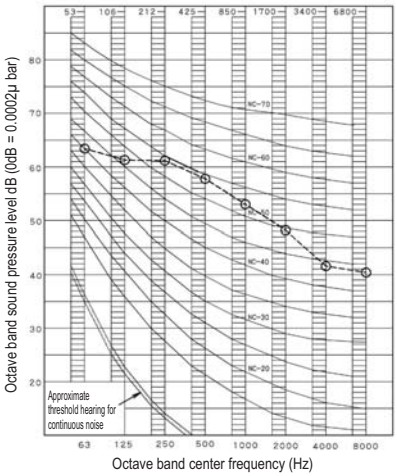
NOTES

Scale	50Hz
A	63
C	70

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz Maximum compressor operating capacity
5. Location of microphone.



RTSYQ14PA - Nominal

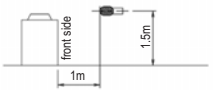


4D059345B

NOTES

Scale	50Hz
A	61
C	69

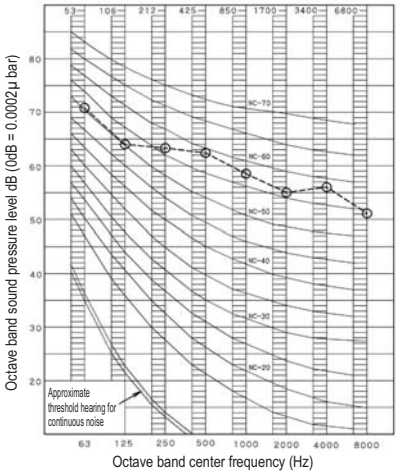
1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz JIS Standard
5. Location of microphone.



10 Sound data

10 - 1 Sound Pressure Spectrum

RTSYQ16PA - Maximum

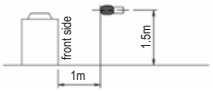


4D059342C

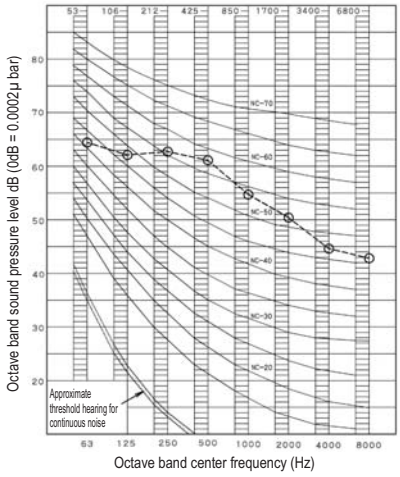
NOTES

Scale	50Hz
A	65
C	73

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz Maximum compressor operating capacity
5. Location of microphone.



RTSYQ16PA - Nominal

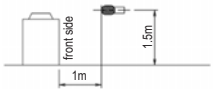


4D059346C

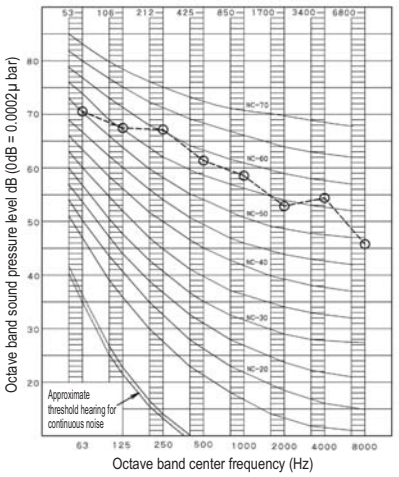
NOTES

Scale	50Hz
A	63
C	71

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz JIS Standard
5. Location of microphone.



RTSYQ20PA - Maximum

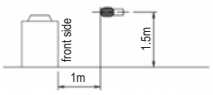


4D059343B

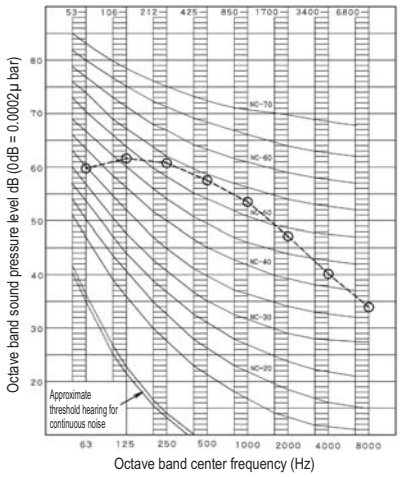
NOTES

Scale	50Hz
A	65
C	72

1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz Maximum compressor operating capacity
5. Location of microphone.



RTSYQ20PA - Nominal

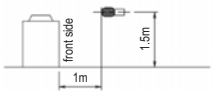


4D059347B

NOTES

Scale	50Hz
A	63
C	70

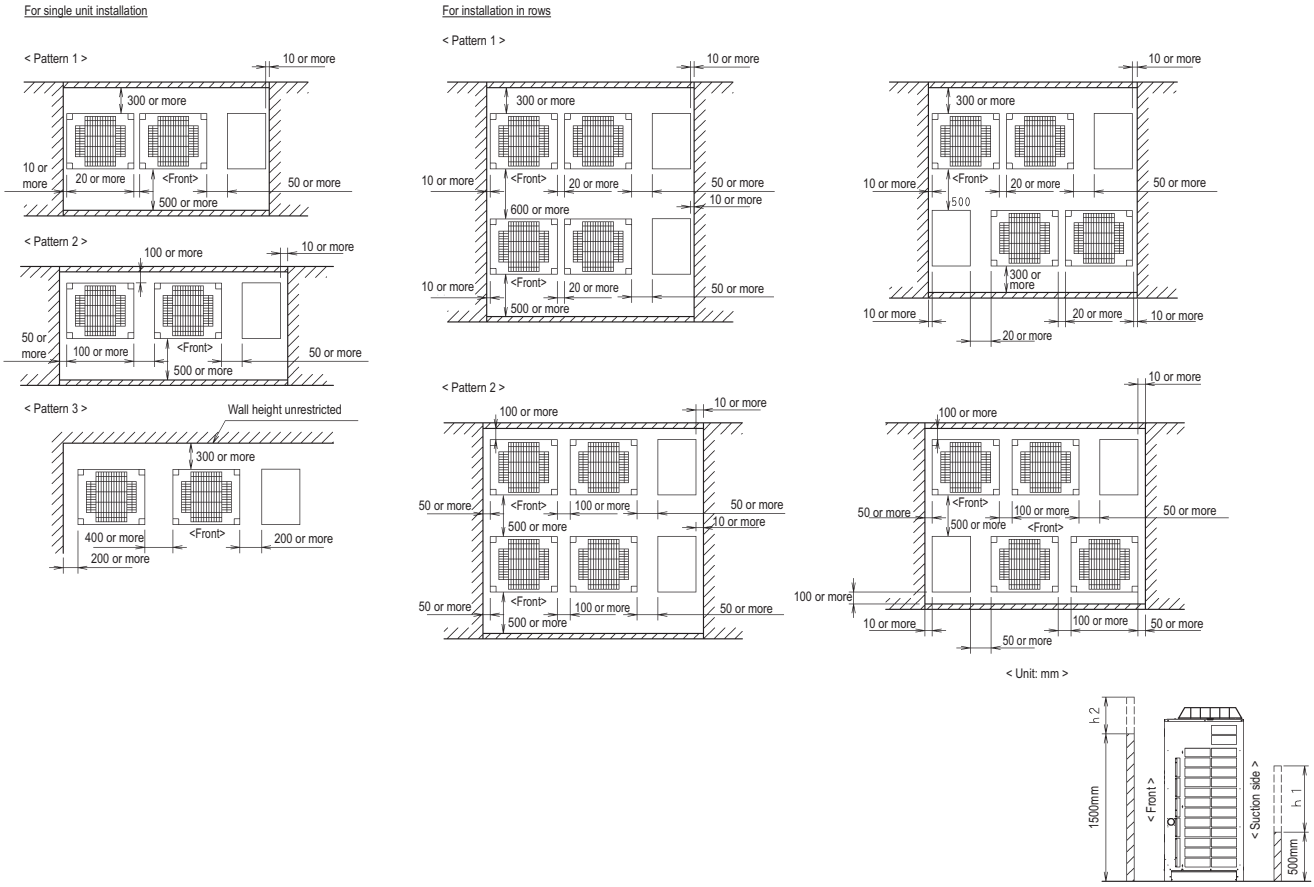
1. Over All (dB): (B,G,N is already rectified)
2. Measuring place: Anechoic chamber (conversion value)
3. The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
4. Operating conditions: Power source: Y1: 380-415V 50Hz JIS Standard
5. Location of microphone.



11 Installation

11 - 1 Service Space

RTSYQ-PA



3D059348C

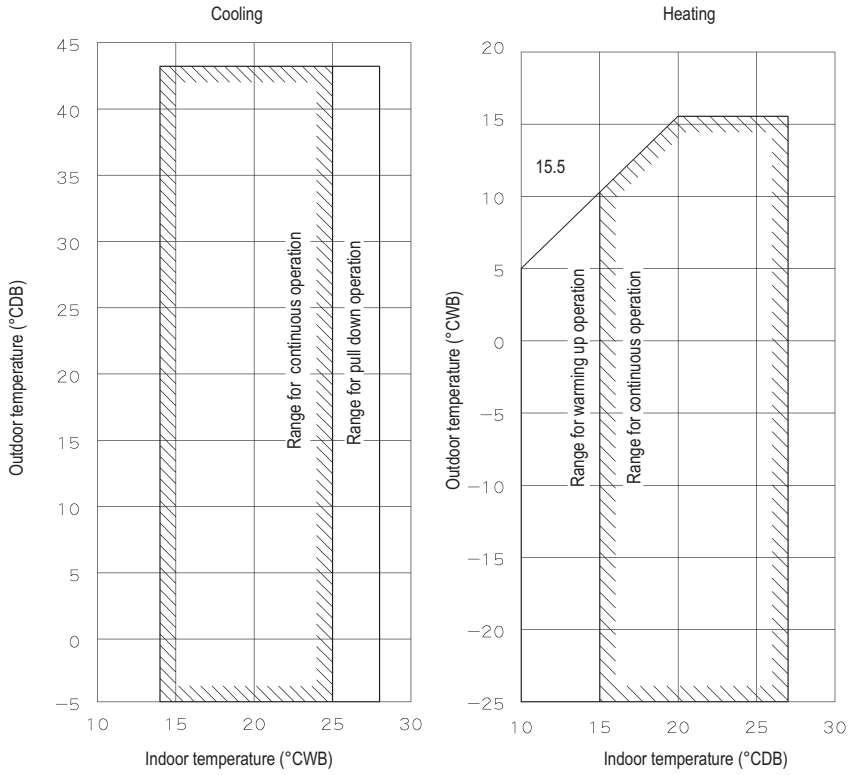
NOTES

1. Heights of walls in case of Patterns 1 and 2:
   Front: 1500 mm
   Suction side : 500 mm
   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.
5. Installation of snowbreak hood (field supply; ask you dealer for details) is recommended in case there expected an effect from snow and space between outdoor unit and function unit is more than 100 mm.

12 Operation range

12 - 1 Operation Range

RTSYQ-PA



3D060824A

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com"

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