DAIKIN

Air Conditioners

Technical Data

VRV®

Round flow cassette

EEDEN11-204

FXFQ-P9

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VRV®

Round flow cassette

EEDEN11-204

FXFQ-P9

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FXFQ-P9

1 Specifications

1-1 Technical Specifications				FXFQ20 P9VEB	FXFQ25 P9VEB	FXFQ32 P9VEB	FXFQ40 P9VEB	FXFQ50 P9VEB	FXFQ63 P9VEB	FXFQ80 P9VEB	FXFQ100 P9VEB	FXFQ125 P9VEB
Cooling capacity	Nom.		kW	2.2 (1)	2.8 (1)	3.6 (1)	4.5 (1)	5.6 (1)	7.1 (1)	9.0 (1)	11.2 (1)	14.0 (1)
Heating capacity	Nom.		kW	2.5 (2)	3.2 (2)	4.0 (2)	5.0 (2)	6.3 (2)	8.0 (2)	10.0 (2)	12.5 (2)	16.0 (2)
Power input - 50Hz	Cooling	Nom.	kW	0.053 (1)			0.063 (1)	0.083 (1)	0.095 (1)	0.120 (1)	0.173 (1)	0.258 (1)
	Heating	Nom.	kW	0.045 (2)			0.055 (2)	0.067 (2)	0.114 (2)	0.108 (2)	0.176 (2)	0.246 (2)
Power input - 60Hz	Cooling	Nom.	kW	0.052 (1)			0.062 (1)	0.082 (1)	0.094 (1)	0.119 (1)	0.172 (1)	0.257 (1)
	Heating	Nom.	kW	0.045 (2)			0.055 (2)	0.067 (2)	0.114 (2)	0.108 (2)	0.176 (2)	0.246 (2)
Casing	Material			Galvanised steel plate								
Dimensions	Unit	Height	mm	204						246		288
		Width	mm	840								
		Depth	mm	840								
	Packed unit	Height	mm	220						262		304
		Width	mm	882								
		Depth	mm	882								
Weight	Unit		kg	20				21		24		26
	Packed unit		kg	24				26		28		31
Decoration panel	Model			BYCQ140CW1								
	Colour			Pure White (RAL 9010)								
	Dimensions	Height	mm	50								
		Width	mm	950								
		Depth	mm	950								
	Weight		kg	5.5								
Decoration panel 2	Model			BYCQ140CW1W								
	Colour			Pure White (RAL 9010)								
	Dimensions	Height	mm	50								
		Width	mm	950								
		Depth	mm	950								
	Weight		kg	5.5								
Decoration panel 3	Model			BYCQ140CGW1								
	Colour			Pure White (RAL 9010)								
	Dimensions	Height	mm	130								
		Width	mm	950								
		Depth	mm	950								
	Weight		kg	11.5								
Heat exchanger	Type			Cross fin coil								
	Inside length		mm	2,096								
	Outside length		mm	2,152								
	Rows	Quantity		2								
	Fin pitch		mm	1.2								
	Passes	Quantity		2		3		7		9		11
	Face area		m²	0.267				0.357		0.446		0.535
	Stages	Quantity		6				8		10		12
	Empty tubeplate hole	Quantity		4		0						

1 Specifications

1-1 Technical Specifications					FXFQ20 P9VEB	FXFQ25 P9VEB	FXFQ32 P9VEB	FXFQ40 P9VEB	FXFQ50 P9VEB	FXFQ63 P9VEB	FXFQ80 P9VEB	FXFQ100 P9VEB	FXFQ125 P9VEB
Fan	Type				Turbo fan								
	Quantity				1								
	Air flow rate - 50Hz	Cooling	High	m³/min	12.5			13.5	15.5	16.5	23.5	26.5	33.0
			Low	m³/min	9.0				10.0	11.0	14.5	17.0	20.0
		Heating	High	m³/min	12.5			13.5	15.0	17.5	23.5	28.0	33.0
			Low	m³/min	9.0				9.5	12.0	14.5	17.5	20.0
	Air flow rate - 60Hz	Cooling	High	m³/min	12.5			13.5	15.5	16.5	23.5	26.5	33.0
			Low	m³/min	9				10.0	11.0	14.5	17.0	20.0
		Heating	High	m³/min	12.5			13.5	15.0	17.5	23.5	28.0	33.0
			Low	m³/min	9.0				9.5	12.0	14.5	17.5	20.0
Fan motor	Quantity				1								
	Model				QTS48D11M						QTS48C15M		
	Speed	Steps			2								
	Output	High		W	56						120		
Sound power level	Cooling	Nom.		dBA	49			50	51	52	55	58	61
Sound pressure level	Cooling	High		dBA	31			32	33	34	38	41	44
		Low		dBA	28					29	32	33	34
	Heating	High		dBA	31			32	33	36	38	42	44
		Low		dBA	28					30	32	34	
Refrigerant	Type				R-410A								
Piping connections	Liquid	Type			Flare connection								
		OD		mm	6.35					9.52			
	Gas	Type			Flare connection								
		OD		mm	12.7					15.9			
	Drain				VP25 (O.D. 32 / I.D. 25)								
	Heat insulation				Foamed polystyrene/polyethylene								
	Sound absorbing insulation				Foamed Polyurethane								
Air filter					Resin net with mold resistance								

Standard Accessories : Drain sealing pad;

Standard Accessories : Sealing pads;

Standard Accessories : Insulation for fitting;

Standard Accessories : Installation guide;

Standard Accessories : Screws;

Standard Accessories : Washer for hanger bracket;

Standard Accessories : Clamp for drain hose;

Standard Accessories : Drain hose;

Standard Accessories : Installation manual;

Standard Accessories : Operation manual

1 Specifications

1-2 Electrical Specifications				FXFQ20 P9VEB	FXFQ25 P9VEB	FXFQ32 P9VEB	FXFQ40 P9VEB	FXFQ50 P9VEB	FXFQ63 P9VEB	FXFQ80 P9VEB	FXFQ100 P9VEB	FXFQ125 P9VEB
Power supply	Name			VE								
	Phase			1~								
	Frequency		Hz	50/60								
	Voltage		V	220-240/220								
Voltage range	Min.		%	-10								
	Max.		%	10								
Current - 50Hz	Minimum circuit amps (MCA)		A	0.4			0.5	0.6	0.9		1.4	1.9
	Maximum fuse amps (MFA)		A	16								
	Full load amps (FLA)	Total	A	0.3			0.4	0.5	0.7		1.1	1.5
Current - 60Hz	Minimum circuit amps (MCA)		A	0.4			0.5	0.6	0.9		1.4	1.9
	Maximum fuse amps (MFA)		A	16								
	Full load amps (FLA)	Total	A	0.3			0.4	0.5	0.7		1.1	1.5

Notes

(1) Cooling: indoor temp. 27ºCDB, 19ºCWB; outdoor temp. 35ºCDB; equivalent piping length: 7.5m; level difference: 0m

(2) Heating: indoor temp. 20ºCDB; outdoor temp. 7ºCDB, 6ºCWB; equivalent refrigerant piping: 7.5m; level difference: 0m

(3) The sound pressure values are mentioned for a unit installed with rear suction.

(4) The sound power level is an absolute value indicating the power which a sound source generates.

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

(6) The BYCQ140CW1W has white insulations. Be informed that formation of dirt on white insulations is more visible and that it is consequently not advised to install the BYCQ140W1W decoration panel in environments exposed to concentrations of dirt.

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

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

(9) MCA/MFA: MCA = 1.25 x FLA

(10) MFA ≤ 4 x FLA

(11) Next lower standard fuse rating minimum 16A

(12) Select wire size based on the value of MCA

(13) Instead of a fuse, use a circuit breaker

2 Safety device settings

2 - 1 Safety Device Settings

Safety devices		FXFQ20P9	FXFQ25P9	FXFQ32P9	FXFQ40P9	FXFQ50P9	FXFQ63P9	FXFQ80P9	FXFQ100P9	FXFQ125P9
PC board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	---	---	---	---	---	---	---	---	---
Fan motor thermal protector	°C	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)	OFF: $108^{\pm5}$ (ON: $96^{\pm15}$)
Drain pump fuse	°C	145	145	145	145	145	145	145	145	145

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3 Options

3 - 1 Options

FXFQ20-125P9

Options

	Item	Model		FXFQ20	FXFQ25	FXFQ32	FXFQ40	FXFQ50	FXFQ63	FXFQ80	FXFQ100	FXFQ125
1	Decoration Panel			BYCQ140CW1 / BYCQ140CW1W *3 / BYCQ140CGW1 *5, *6								
2	Long life replacement filter		Non-woven type	KAFP551K160								
3	Fresh air intake kit (20% fresh air)		Chamber type	KDDQ55C140-1 *7 *8 KDDQ55C140-2 *7 *8								
4	Sealing member of air discharge outlet			KDBHQ55C140 *7								

Control system

	Item	Model		FXFQ20	FXFQ25	FXFQ32	FXFQ40	FXFQ50	FXFQ63	FXFQ80	FXFQ100	FXFQ125
1	Remote control	Infrared	H/P	BRC7F532F *7								
			C/O	BRC7F533F *7								
		Wired		BRC1D52								
				BRC1E51A								
2-1	Wiring adapter for electrical appendices (1)			KRP2A526 *1 *7								
2-2	Wiring adapter for electrical appendices (2)			KRP4AA53 *1 *7								
2-3	Wiring adapter (hour meter)			EKRP1C11 *1 *7								
3	Remote sensor			KRCS01-4								
4	Installation box for adapter PCB			KRP1H98 *7								
5	Central remote control			DCS302CA51								
6	Unified ON/OFF controller			DCS301BA51								
7	Electrical box with earth terminal (2 blocks)			KJB212AA								
8	Schedule timer			DST301BA51								
9	PCB for multi tenant			DTA114A61 *7								

NOTES

*1. Installation box is necessary for these adapters.
*2. All options are supplied as kit.
*3. The BYCQ140CW1W has white insulations. Be informed that formation of dirt on white insulations is visibly stronger and that is consequently not advised to install the BYCQ140CW1W decoration panel in environments exposed to concentrations of dirt.
*4. Included languages are: English, German, French, Dutch, Spanish, Italian, Greek, Portuguese, Russian and Turkish.
5. To be able to control the BYCQ140CGW1 the controller BRC1E is needed.
*6. The BYCQ140CGW1 is not compatible with Mini-VRV, Multi and Split Non-Inverter Outdoor units.
*7. Option not available in combination with BYCQ140CGW1.
*8. Both parts of the fresh air intake are needed for each unit.

3TW32469-1D

4 Capacity tables

4 - 1 Cooling Capacity Tables

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TC: Total capacity;kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
			20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.2	10.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.9	1.9
		12.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.9	1.9
		14.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.8	1.8
		16.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.8	1.8
		18.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		20.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		21.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.7	1.8
		23.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.6	1.7
		25.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.6	1.9	2.6	1.7
		27.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.5	1.8	2.6	1.7
		29.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.5	1.8	2.5	1.7
		31.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.8	2.5	1.7
		33.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.5	1.7
		35.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.4	1.7
		37.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.7	2.3	1.8	2.3	1.8	2.4	1.7
		39.0	1.5	1.4	1.8	1.6	2.1	1.7	2.2	1.7	2.2	1.8	2.3	1.7	2.3	1.7
25	2.8	10.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.7	2.3
		12.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.3
		14.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.6	2.2
		16.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
		18.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.5	2.2
		20.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.1
		21.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.4	2.2	3.4	2.1
		23.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.4	2.1
		25.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.3	2.2	3.3	2.1
		27.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.1	3.3	2.1
		29.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.2	2.1	3.2	2.0
		31.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.2	2.1
		33.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.1	2.1	3.1	2.0
		35.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	3.0	2.2	3.0	2.1	3.1	2.0
		37.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	3.0	2.1	3.0	2.0
		39.0	1.9	1.7	2.3	1.9	2.6	2.0	2.8	2.1	2.9	2.2	2.9	2.0	3.0	2.0
32	3.6	10.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.7	2.9
		12.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.7	2.9
		14.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.6	2.9
		16.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.6	2.8
		18.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.5	2.8
		20.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.4	2.7
		21.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.3	2.9	4.4	2.7
		23.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.2	2.8	4.3	2.7
		25.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.2	2.8	4.3	2.7
		27.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.1	2.8	4.2	2.6
		29.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.1	2.8	4.2	2.6
		31.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	4.0	2.7	4.1	2.6
		33.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.9	3.9	2.7	4.0	2.6
		35.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.8	2.8	3.9	2.7	4.0	2.6
		37.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.8	3.7	2.8	3.8	2.7	3.9	2.6
		39.0	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.7	2.8	3.8	2.6	3.8	2.6
40	4.5	10.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.9	3.5
		12.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.8	3.5
		14.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.8	3.5
		16.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.7	3.4
		18.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.6	3.4
		20.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.5	3.4
		21.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.4	3.2	5.5	3.3
		23.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.3	3.2	5.4	3.3
		25.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.2	3.2	5.3	3.3
		27.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.2	3.1	5.3	3.3
		29.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.1	3.1	5.2	3.2
		31.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	5.0	3.1	5.1	3.2
		33.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.8	3.5	4.9	3.0	5.0	3.2
		35.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.7	3.5	4.9	3.0	5.0	3.1
		37.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.7	3.5	4.8	3.0	4.9	3.1
		39.0	3.0	2.8	3.6	3.0	4.2	3.3	4.5	3.4	4.6	3.4	4.7	3.0	4.8	3.1

3TW25592-1

4 Capacity tables

4 - 1 Cooling Capacity Tables

FXFQ-P9

TC: Total capacity;kW – SHC: Sensible capacity;kW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.0WB 20.0DB		16.0WB 23.0DB		18.0WB 26.0DB		19.0WB 27.0DB		20.0WB 28.0DB		22.0WB 30.0DB		24.0WB 32.0DB	
		°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
50	5.6	10.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.4	4.3
		12.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.3	4.3
		14.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.2	4.3
		16.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.1	4.2
		18.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	7.0	4.2
		20.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	6.9	4.1
		21.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.7	3.9	6.8	4.1
		23.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.6	3.9	6.7	4.1
		25.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.5	3.9	6.6	4.0
		27.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.4	3.8	6.6	4.0
		29.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.3	3.8	6.5	3.9
		31.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.2	3.8	6.4	3.9
		33.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	6.0	4.2	6.1	3.7	6.3	3.9
		35.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.2	6.0	3.7	6.2	3.8
		37.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.8	4.2	5.9	3.6	6.1	3.8
		39.0	3.8	3.2	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.1	5.8	3.6	6.0	3.7
63	7.1	10.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.3	5.5
		12.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.2	5.4
		14.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.1	5.4
		16.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	9.0	5.3
		18.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.8	5.2
		20.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.7	5.1
		21.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.5	5.4	8.7	5.1
		23.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.4	5.4	8.5	5.0
		25.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.3	5.3	8.4	5.0
		27.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.1	5.2	8.3	5.0
		29.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	8.0	5.1	8.2	4.9
		31.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	7.9	5.1	8.1	4.9
		33.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.6	5.3	7.8	5.0	7.9	4.8
		35.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.5	5.2	7.7	5.0	7.8	4.8
		37.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.4	5.2	7.5	4.9	7.7	4.7
		39.0	4.8	4.1	5.7	4.6	6.6	5.0	7.1	5.2	7.2	5.1	7.4	4.9	7.6	4.7
80	9.0	10.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.8	7.1
		12.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.7	7.0
		14.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.5	6.9
		16.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.4	6.8
		18.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.2	6.7
		20.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.1	6.6
		21.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.8	6.9	11.0	6.6
		23.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.6	6.8	10.8	6.4
		25.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.5	6.7	10.7	6.4
		27.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.3	6.6	10.5	6.3
		29.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.2	6.5	10.4	6.2
		31.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	10.0	6.5	10.2	6.2
		33.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.6	6.7	9.8	6.4	10.1	6.2
		35.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.5	6.6	9.7	6.4	9.9	6.1
		37.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.5	9.3	6.5	9.5	6.3	9.8	6.0
		39.0	6.1	5.2	7.2	5.8	8.4	6.4	9.0	6.6	9.2	6.5	9.4	6.2	9.6	6.0
100	11.2	10.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.7	8.5
		12.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.5	8.3
		14.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.4	8.3
		16.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.2	8.1
		18.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	14.0	8.0
		20.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	13.8	7.9
		21.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.4	8.3	13.7	7.9
		23.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.2	8.2	13.5	7.8
		25.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	13.0	8.1	13.3	7.7
		27.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.8	8.0	13.1	7.6
		29.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.6	7.9	12.9	7.5
		31.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.4	7.8	12.7	7.4
		33.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.9	8.0	12.2	7.7	12.5	7.4
		35.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.8	7.9	12.1	7.6	12.3	7.3
		37.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.8	11.6	7.8	11.9	7.5	12.2	7.2
		39.0	7.6	6.2	9.0	6.9	10.5	7.7	11.2	7.9	11.4	7.7	11.7	7.5	12.0	7.2
125	14.0	10.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.4	10.9
		12.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.2	10.7
		14.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	18.0	10.6
		16.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.7	10.4
		18.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.5	10.3
		20.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.2	10.2
		21.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.8	10.5	17.1	10.1
		23.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.5	10.3	16.9	9.9
		25.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.3	10.2	16.6	9.8
		27.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	16.1	10.0	16.4	9.7
		29.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.8	9.8	16.2	9.6
		31.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.6	9.8	15.9	9.4
		33.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.9	9.9	15.3	9.6	15.7	9.2
		35.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.8	9.8	15.1	9.5	15.4	9.1
		37.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.5	9.7	14.9	9.4	15.2	9.0
		39.0	9.5	7.7	11.3	8.6	13.1	9.6	14.0	9.8	14.3	9.5	14.6	9.2	15.0	8.9

3TW25592-1

4 Capacity tables

4 - 2 Heating Capacity Tables

FXFQ-P9

Unit size	Outdoor air temp.		Indoor air temp.: °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	KW	KW	KW	KW	KW	KW
20	-19,8	-20,0	1,5	1,5	1,5	1,5	1,5	1,5
	-18,8	-19,0	1,5	1,5	1,5	1,5	1,5	1,5
	-16,7	-17,0	1,6	1,6	1,6	1,6	1,6	1,6
	-14,7	-15,0	1,7	1,7	1,7	1,7	1,7	1,7
	-12,6	-13,0	1,8	1,8	1,8	1,8	1,8	1,8
	-10,5	-11,0	1,9	1,9	1,9	1,9	1,9	1,9
	-9,5	-10,0	1,9	1,9	1,9	1,9	1,9	1,9
	-8,5	-9,1	2,0	2,0	1,9	1,9	1,9	1,9
	-7,0	-7,6	2,0	2,0	2,0	2,0	2,0	2,0
	-5,0	-5,6	2,1	2,1	2,1	2,1	2,1	2,1
	-3,0	-3,7	2,2	2,2	2,2	2,2	2,2	2,2
	0,0	-0,7	2,3	2,3	2,3	2,3	2,3	2,2
	3,0	2,2	2,5	2,5	2,4	2,4	2,3	2,2
	5,0	4,1	2,5	2,5	2,5	2,4	2,3	2,2
	7,0	6,0	2,6	2,6	2,5	2,4	2,3	2,2
	9,0	7,9	2,7	2,7	2,5	2,4	2,3	2,2
	11,0	9,8	2,8	2,7	2,5	2,4	2,3	2,2
	13,0	11,8	2,8	2,7	2,5	2,4	2,3	2,2
	15,0	13,7	2,8	2,7	2,5	2,4	2,3	2,2
25	-19,8	-20,0	1,9	1,9	1,9	1,9	1,9	1,9
	-18,8	-19,0	1,9	1,9	1,9	1,9	1,9	1,9
	-16,7	-17,0	2,1	2,1	2,0	2,0	2,0	2,0
	-14,7	-15,0	2,2	2,2	2,2	2,2	2,2	2,1
	-12,6	-13,0	2,3	2,3	2,3	2,3	2,3	2,3
	-10,5	-11,0	2,4	2,4	2,4	2,4	2,4	2,4
	-9,5	-10,0	2,5	2,4	2,4	2,4	2,4	2,4
	-8,5	-9,1	2,5	2,5	2,5	2,5	2,5	2,5
	-7,0	-7,6	2,6	2,6	2,6	2,6	2,6	2,6
	-5,0	-5,6	2,7	2,7	2,7	2,7	2,7	2,7
	-3,0	-3,7	2,8	2,8	2,8	2,8	2,8	2,8
	0,0	-0,7	3,0	3,0	3,0	3,0	3,0	2,8
	3,0	2,2	3,1	3,1	3,1	3,1	3,0	2,8
	5,0	4,1	3,3	3,2	3,2	3,1	3,0	2,8
	7,0	6,0	3,4	3,4	3,2	3,1	3,0	2,8
	9,0	7,9	3,5	3,4	3,2	3,1	3,0	2,8
	11,0	9,8	3,6	3,4	3,2	3,1	3,0	2,8
	13,0	11,8	3,6	3,4	3,2	3,1	3,0	2,8
	15,0	13,7	3,6	3,4	3,2	3,1	3,0	2,8
32	-19,8	-20,0	2,4	2,4	2,3	2,3	2,3	2,3
	-18,8	-19,0	2,4	2,4	2,4	2,4	2,4	2,4
	-16,7	-17,0	2,6	2,6	2,6	2,6	2,6	2,5
	-14,7	-15,0	2,7	2,7	2,7	2,7	2,7	2,7
	-12,6	-13,0	2,9	2,8	2,8	2,8	2,8	2,8
	-10,5	-11,0	3,0	3,0	3,0	3,0	3,0	3,0
	-9,5	-10,0	3,1	3,1	3,1	3,1	3,0	3,0
	-8,5	-9,1	3,1	3,1	3,1	3,1	3,1	3,1
	-7,0	-7,6	3,2	3,2	3,2	3,2	3,2	3,2
	-5,0	-5,6	3,4	3,4	3,4	3,4	3,4	3,4
	-3,0	-3,7	3,5	3,5	3,5	3,5	3,5	3,5
	0,0	-0,7	3,7	3,7	3,7	3,7	3,7	3,5
	3,0	2,2	3,9	3,9	3,9	3,9	3,7	3,5
	5,0	4,1	4,1	4,1	4,0	3,9	3,7	3,5
	7,0	6,0	4,2	4,2	4,0	3,9	3,7	3,5
	9,0	7,9	4,3	4,3	4,0	3,9	3,7	3,5
	11,0	9,8	4,5	4,3	4,0	3,9	3,7	3,5
	13,0	11,8	4,5	4,3	4,0	3,9	3,7	3,5
	15,0	13,7	4,5	4,3	4,0	3,9	3,7	3,5
40	-19,8	-20,0	3,0	2,9	2,9	2,9	2,9	2,9
	-18,8	-19,0	3,0	3,0	3,0	3,0	3,0	3,0
	-16,7	-17,0	3,2	3,2	3,2	3,2	3,2	3,2
	-14,7	-15,0	3,4	3,4	3,4	3,4	3,4	3,4
	-12,6	-13,0	3,6	3,6	3,6	3,5	3,5	3,5
	-10,5	-11,0	3,7	3,7	3,7	3,7	3,7	3,7
	-9,5	-10,0	3,8	3,8	3,8	3,8	3,8	3,8
	-8,5	-9,1	3,9	3,9	3,9	3,9	3,9	3,9
	-7,0	-7,6	4,0	4,0	4,0	4,0	4,0	4,0
	-5,0	-5,6	4,2	4,2	4,2	4,2	4,2	4,2
	-3,0	-3,7	4,4	4,4	4,4	4,4	4,4	4,4
	0,0	-0,7	4,7	4,6	4,6	4,6	4,6	4,4
	3,0	2,2	4,9	4,9	4,9	4,8	4,7	4,4
	5,0	4,1	5,1	5,1	5,0	4,8	4,7	4,4
	7,0	6,0	5,2	5,2	5,0	4,8	4,7	4,4
	9,0	7,9	5,4	5,3	5,0	4,8	4,7	4,4
	11,0	9,8	5,6	5,3	5,0	4,8	4,7	4,4
	13,0	11,8	5,6	5,3	5,0	4,8	4,7	4,4
	15,0	13,7	5,6	5,3	5,0	4,8	4,7	4,4
50	-19,8	-20,0	3,7	3,7	3,7	3,7	3,7	3,7
	-18,8	-19,0	3,8	3,8	3,8	3,8	3,8	3,8
	-16,7	-17,0	4,1	4,0	4,0	4,0	4,0	4,0
	-14,7	-15,0	4,3	4,3	4,3	4,2	4,2	4,2
	-12,6	-13,0	4,5	4,5	4,5	4,5	4,5	4,5
	-10,5	-11,0	4,7	4,7	4,7	4,7	4,7	4,7
	-9,5	-10,0	4,8	4,8	4,8	4,8	4,8	4,8
	-8,5	-9,1	4,9	4,9	4,9	4,9	4,9	4,9
	-7,0	-7,6	5,1	5,1	5,1	5,1	5,1	5,1
	-5,0	-5,6	5,3	5,3	5,3	5,3	5,3	5,3
	-3,0	-3,7	5,5	5,5	5,5	5,5	5,5	5,5
	0,0	-0,7	5,9	5,9	5,8	5,8	5,8	5,5
	3,0	2,2	6,2	6,2	6,2	6,1	5,9	5,5
	5,0	4,1	6,4	6,4	6,3	6,1	5,9	5,5
	7,0	6,0	6,6	6,6	6,3	6,1	5,9	5,5
	9,0	7,9	6,8	6,7	6,3	6,1	5,9	5,5
	11,0	9,8	7,0	6,7	6,3	6,1	5,9	5,5
	13,0	11,8	7,1	6,7	6,3	6,1	5,9	5,5
	15,0	13,7	7,1	6,7	6,3	6,1	5,9	5,5

3TW25512-2B

4 Capacity tables

4 - 2 Heating Capacity Tables

FXFQ-P9

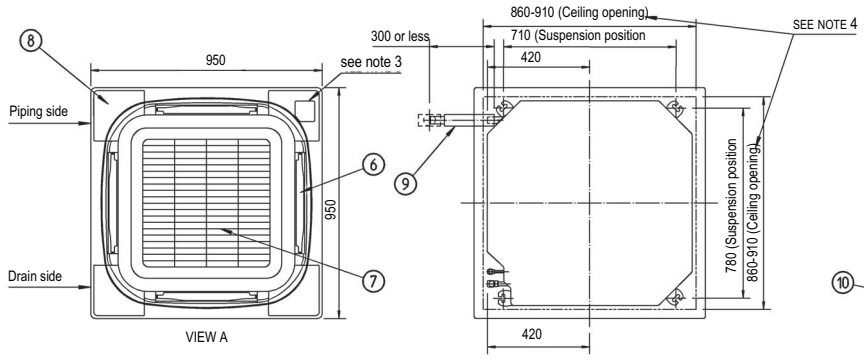
Unit size	Outdoor air temp.		Indoor air temp.: °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	KW	KW	KW	KW	KW	KW
63	-19,8	-20,0	4,7	4,7	4,7	4,7	4,7	4,7
	-18,8	-19,0	4,9	4,9	4,8	4,8	4,8	4,8
	-16,7	-17,0	5,1	5,1	5,1	5,1	5,1	5,1
	-14,7	-15,0	5,4	5,4	5,4	5,4	5,4	5,4
	-12,6	-13,0	5,7	5,7	5,7	5,7	5,7	5,7
	-10,5	-11,0	6,0	6,0	6,0	6,0	6,0	5,9
	-9,5	-10,0	6,1	6,1	6,1	6,1	6,1	6,1
	-8,5	-9,1	6,3	6,3	6,2	6,2	6,2	6,2
	-7,0	-7,6	6,5	6,5	6,4	6,4	6,4	6,4
	-5,0	-5,6	6,8	6,7	6,7	6,7	6,7	6,7
	-3,0	-3,7	7,0	7,0	7,0	7,0	7,0	7,0
	0,0	-0,7	7,5	7,4	7,4	7,4	7,4	7,0
	3,0	2,2	7,9	7,8	7,8	7,7	7,5	7,0
	5,0	4,1	8,1	8,1	8,0	7,7	7,5	7,0
	7,0	6,0	8,4	8,4	8,0	7,7	7,5	7,0
	9,0	7,9	8,7	8,5	8,0	7,7	7,5	7,0
	11,0	9,8	8,9	8,5	8,0	7,7	7,5	7,0
	13,0	11,8	9,0	8,5	8,0	7,7	7,5	7,0
	15,0	13,7	9,0	8,5	8,0	7,7	7,5	7,0
80	-19,8	-20,0	5,9	5,9	5,9	5,9	5,9	5,8
	-18,8	-19,0	6,1	6,1	6,0	6,0	6,0	6,0
	-16,7	-17,0	6,4	6,4	6,4	6,4	6,4	6,4
	-14,7	-15,0	6,8	6,8	6,8	6,7	6,7	6,7
	-12,6	-13,0	7,1	7,1	7,1	7,1	7,1	7,1
	-10,5	-11,0	7,5	7,5	7,5	7,5	7,4	7,4
	-9,5	-10,0	7,7	7,7	7,6	7,6	7,6	7,6
	-8,5	-9,1	7,8	7,8	7,8	7,8	7,8	7,8
	-7,0	-7,6	8,1	8,1	8,1	8,1	8,0	8,0
	-5,0	-5,6	8,4	8,4	8,4	8,4	8,4	8,4
	-3,0	-3,7	8,8	8,8	8,7	8,7	8,7	8,7
	0,0	-0,7	9,3	9,3	9,3	9,3	9,3	8,7
	3,0	2,2	9,8	9,8	9,8	9,7	9,4	8,7
	5,0	4,1	10,2	10,1	10,0	9,7	9,4	8,7
	7,0	6,0	10,5	10,5	10,0	9,7	9,4	8,7
	9,0	7,9	10,8	10,6	10,0	9,7	9,4	8,7
	11,0	9,8	11,2	10,6	10,0	9,7	9,4	8,7
	13,0	11,8	11,3	10,6	10,0	9,7	9,4	8,7
	15,0	13,7	11,3	10,6	10,0	9,7	9,4	8,7
100	-19,8	-20,0	7,4	7,4	7,3	7,3	7,3	7,3
	-18,8	-19,0	7,6	7,6	7,6	7,5	7,5	7,5
	-16,7	-17,0	8,0	8,0	8,0	8,0	8,0	8,0
	-14,7	-15,0	8,5	8,5	8,4	8,4	8,4	8,4
	-12,6	-13,0	8,9	8,9	8,9	8,9	8,9	8,8
	-10,5	-11,0	9,4	9,3	9,3	9,3	9,3	9,3
	-9,5	-10,0	9,6	9,6	9,5	9,5	9,5	9,5
	-8,5	-9,1	9,8	9,8	9,7	9,7	9,7	9,7
	-7,0	-7,6	10,1	10,1	10,1	10,1	10,1	10,0
	-5,0	-5,6	10,6	10,5	10,5	10,5	10,5	10,5
	-3,0	-3,7	11,0	11,0	10,9	10,9	10,9	10,9
	0,0	-0,7	11,6	11,6	11,6	11,6	11,6	10,9
	3,0	2,2	12,3	12,3	12,2	12,1	11,7	10,9
	5,0	4,1	12,7	12,7	12,5	12,1	11,7	10,9
	7,0	6,0	13,1	13,1	12,5	12,1	11,7	10,9
	9,0	7,9	13,5	13,3	12,5	12,1	11,7	10,9
	11,0	9,8	14,0	13,3	12,5	12,1	11,7	10,9
	13,0	11,8	14,1	13,3	12,5	12,1	11,7	10,9
	15,0	13,7	14,1	13,3	12,5	12,1	11,7	10,9
125	-19,8	-20,0	9,4	9,4	9,4	9,4	9,4	9,3
	-18,8	-19,0	9,7	9,7	9,7	9,7	9,6	9,6
	-16,7	-17,0	10,3	10,3	10,2	10,2	10,2	10,2
	-14,7	-15,0	10,9	10,8	10,8	10,8	10,8	10,7
	-12,6	-13,0	11,4	11,4	11,4	11,4	11,3	11,3
	-10,5	-11,0	12,0	12,0	11,9	11,9	11,9	11,9
	-9,5	-10,0	12,3	12,2	12,2	12,2	12,2	12,2
	-8,5	-9,1	12,5	12,5	12,5	12,5	12,4	12,4
	-7,0	-7,6	13,0	12,9	12,9	12,9	12,9	12,8
	-5,0	-5,6	13,5	13,5	13,5	13,4	13,4	13,4
	-3,0	-3,7	14,1	14,0	14,0	14,0	14,0	13,9
	0,0	-0,7	14,9	14,9	14,8	14,8	14,8	13,9
	3,0	2,2	15,7	15,7	15,7	15,5	15,0	13,9
	5,0	4,1	16,3	16,2	16,0	15,5	15,0	13,9
	7,0	6,0	16,8	16,8	16,0	15,5	15,0	13,9
	9,0	7,9	17,3	17,0	16,0	15,5	15,0	13,9
	11,0	9,8	17,9	17,0	16,0	15,5	15,0	13,9
	13,0	11,8	18,1	17,0	16,0	15,5	15,0	13,9
	15,0	13,7	18,1	17,0	16,0	15,5	15,0	13,9

3TW25512-2B

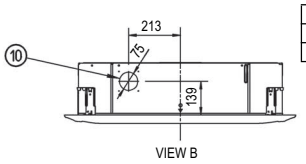
5 Dimensional drawings

5 - 1 Dimensional Drawings

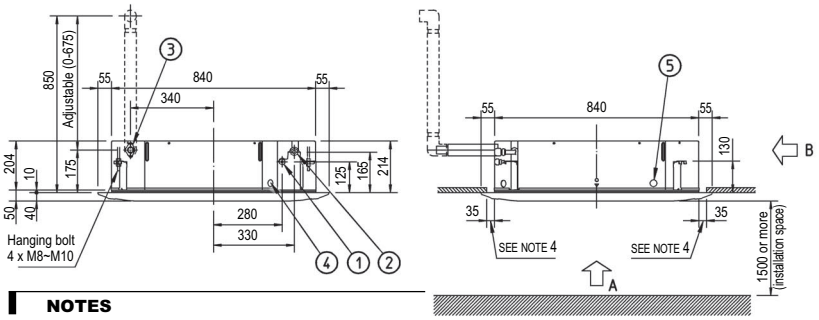
FXFQ20,25,32,40,50,63P9

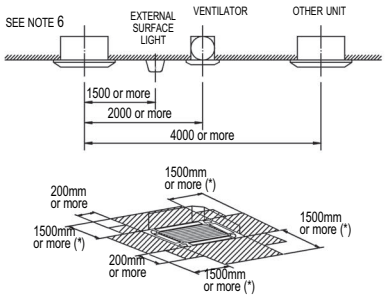


Nr	Name	Description
1	Liquid pipe connection	ø A flare connection
2	Gas pipe connection	ø B flare connection
3	Drain pipe connection	VP25 (O.D. ø 32 /I.D. ø 25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	O.D. ø 32 /I.D. ø 26
10	Knock out hole	



MODEL	A	B
FXFQ20-50P9	6.35	12.7
FXFQ63P9	9.52	15.9





(*) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

NOTES

1 Location of the nameplates
- Unit body: on the control box cover.
- Decoration panel: on the panel frame at the motor side under the corner cover

2 When installing an optional accessory, refer to the installation drawings.
- For the fresh air intake kit an inspection port is necessary

3 In case of using an infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for more detail.

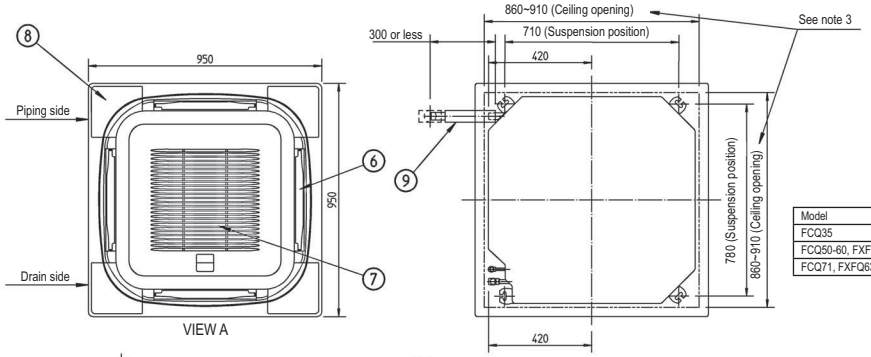
4 Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.

5 When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

6 Please respect the distances as shown on the figure

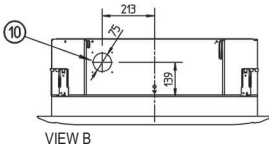
3TW28834-1B

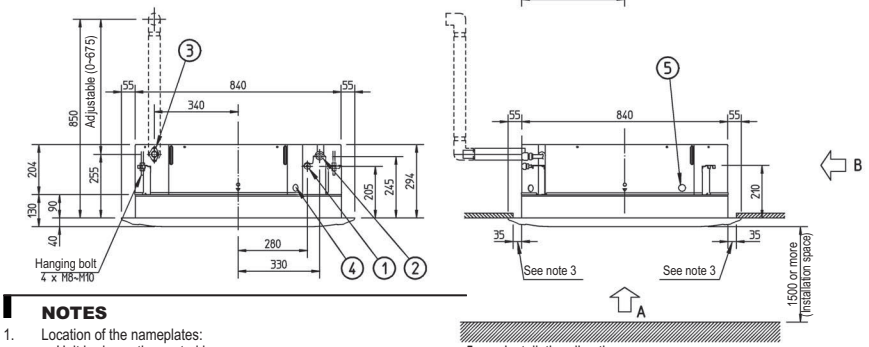
FXFQ20-63P9VEB



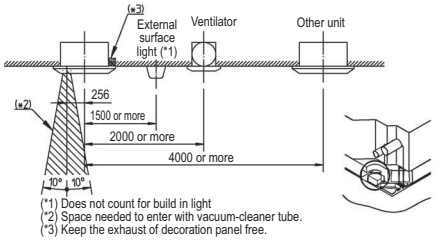
Nr	Name	Description
1	Liquid pipe connection	ØA flare connection
2	Gas pipe connection	ØB flare connection
3	Drain pipe connection	VP25 (O.D.Ø32, I.D. Ø25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	O.D.Ø32, I.D. Ø26
10	Knock out hole	

Model	A	B
FCQ35	6.35	9.52
FCQ50-60, FXFQ20~50	6.35	12.7
FCQ71, FXFQ63	9.52	15.9

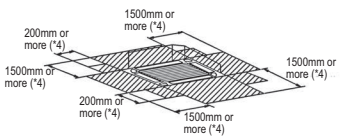




6. Please respect the distances as shown on figure below



(*1) Does not count for build in light
(*2) Space needed to enter with vacuum-cleaner tube.
(*3) Keep the exhaust of decoration panel free.

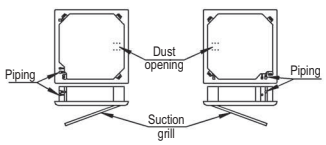


(*4) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500 mm on the closed side.

NOTES

1. Location of the nameplates:
   - Unit body: on the control box.
   - Decoration panel: on the panel frame at the motor side under the corner cover
2. When installing an optional accessory, refer to the installation drawings.
   - For the fresh air intake kit an inspection part is necessary
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm. Max. ceiling opening: 910mm
4. When the conditions exceed 30°C and RH 80% in de ceiling or fresh air is included into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

5. Installation direction

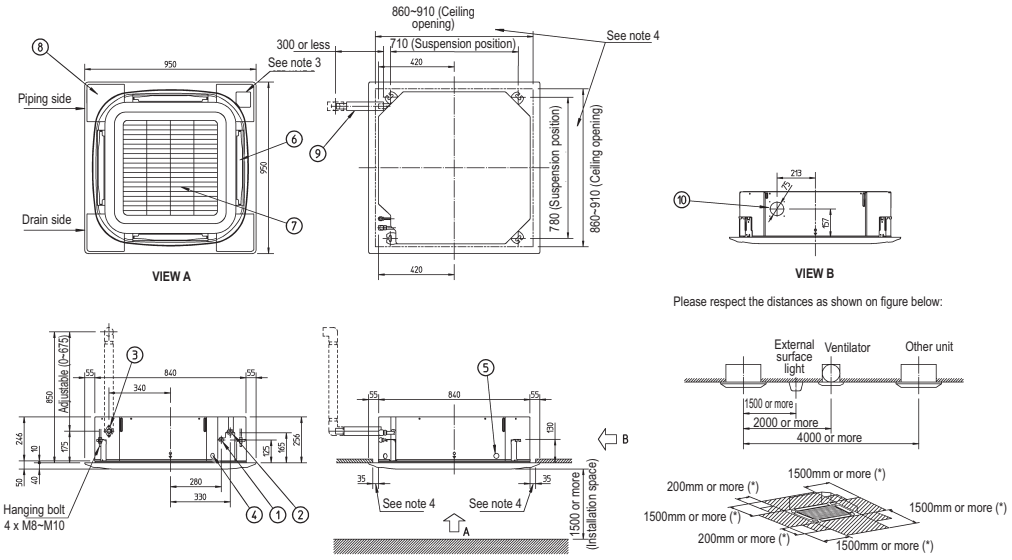


3TW32464-1

5 Dimensional drawings

5 - 1 Dimensional Drawings

FXFQ80,100P9



(*) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

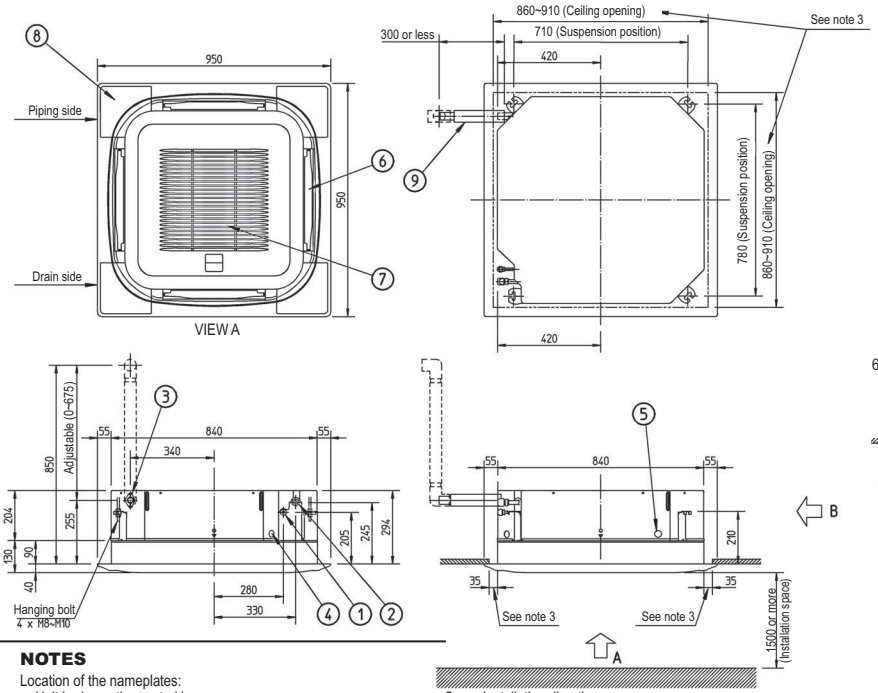
3TW28894-1C

Item	Name	Description
1	Liquid pipe connection	Ø9.52 flare connection
2	Gas pipe connection	Ø15.90 flare connection
3	Drain pipe connection	VP25 (O.D. Ø32, I.D. Ø25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	O.D. Ø32 I.D. Ø26
10	Knock out hole	

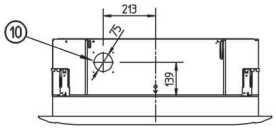
NOTES

1. Location of the nameplates:
   - Unit body: on the control box cover.
   - Decoration panel: on the panel frame at the motor side under the corner cover.
2. When installing an optional accessory, refer to the installation drawings. For the fresh air intake kit an inspection port is necessary.
3. In case of using a infrared remote control, this position will be a signal receiver. Refer to the drawing of the infrared remote control for more detail.
4. Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910 mm.
5. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

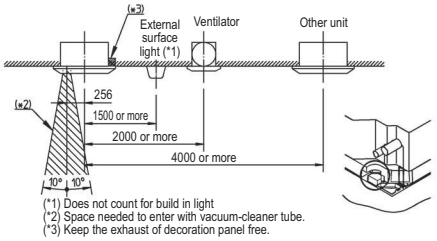
FXFQ80-100P9VEB

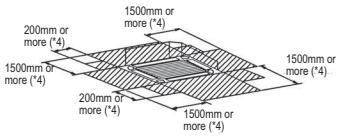


Nr	Name	Description
1	Liquid pipe connection	Ø9.52 flare connection
2	Gas pipe connection	Ø15.90 flare connection
3	Drain pipe connection	VP25 (O.D.Ø32, I.D. Ø25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	O.D.Ø32, I.D. Ø26
10	Knock out hole	



6. Please respect the distances as shown on figure below



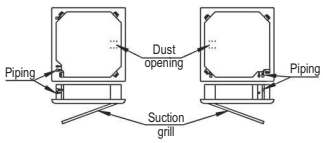


(*4) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500 mm on the closed side.

NOTES

1. Location of the nameplates:
   - Unit body: on the control box.
   - Decoration panel: on the panel frame at the motor side under the corner cover
2. When installing an optional accessory, refer to the installation drawings.
   - For the fresh air intake kit an inspection part is necessary
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm. Max. ceiling opening: 910mm
4. When the conditions exceed 30°C and RH 80% in de ceiling or fresh air is included into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

5. Installation direction

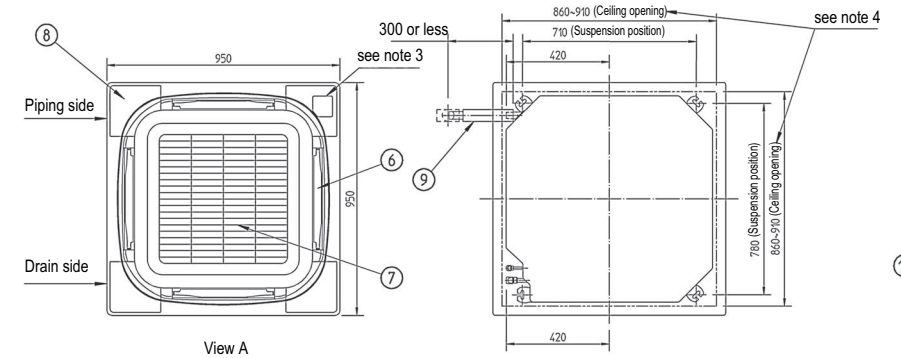


3TW32524-1

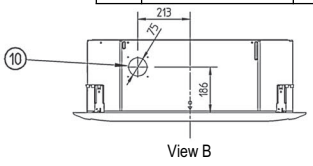
5 Dimensional drawings

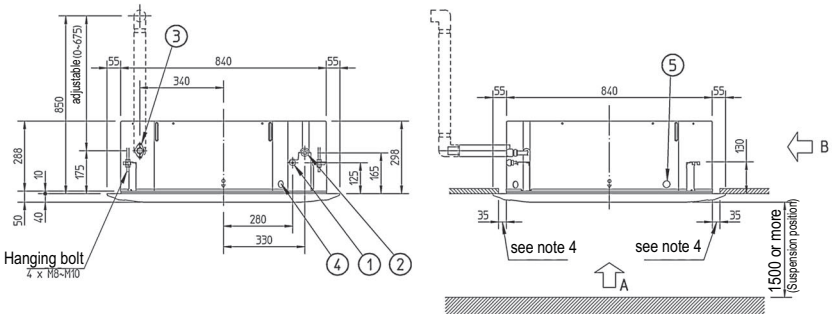
5 - 1 Dimensional Drawings

FXFQ125P9

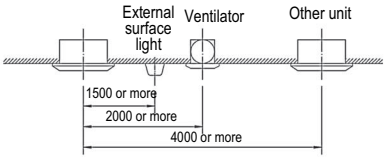


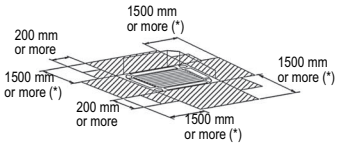
Item	Name	Remark
1	Liquid pipe connection	ø9.52 (Flare connection)
2	Gas pipe connection	ø15.90 (Flare connection)
3	Drain pipe connection	VP25 (ODø32, IDø25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	ODø32, IDø25
10	Knock out hole	





Please respect the distances as shown on figure below





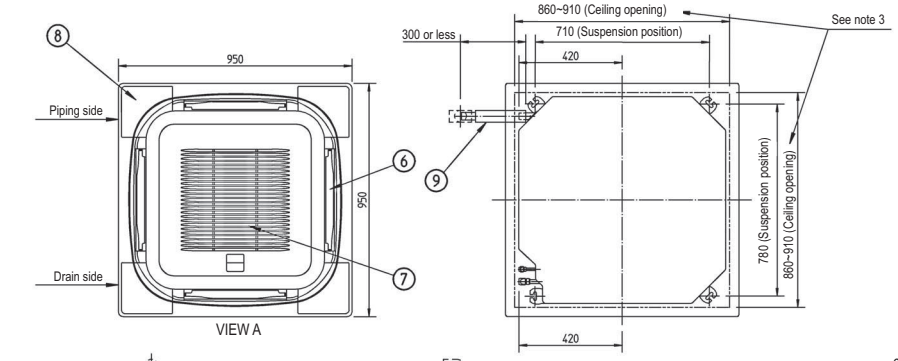
(*) In case a discharge opening is closed with the "sealing member" option, the distance of 1500 mm can be reduced to 500 mm on the closed side.

NOTE

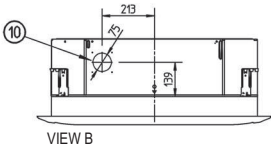
1 Location of the nameplates - Unit body: on the control box - Decoration panel: on the panel frame at the motor side under the corner cover
2 When installing an optional accessory, refer to the installation drawings
For the fresh air intake kit an inspection port is necessary
3 In case of using a wireles remote control, this position will be a signal receiver. Refer to the drawing of the wireless remote control for more detail.
4 Make sure the spacing between the ceiling and the cassette is no more than 35mm. Max cailing opening: 910mm.
5 When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additionalinsulation is required (polyethylene foam, thickness 10mm or more).

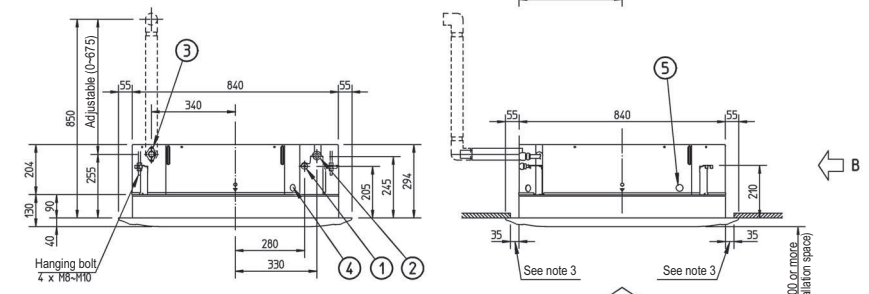
3TW28914-1C

FXFQ125P9VEB

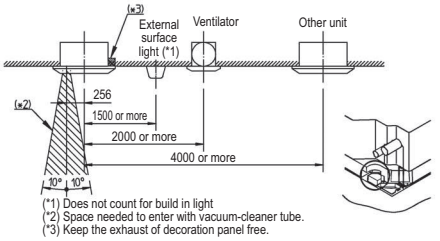


Nr	Name	Description
1	Liquid pipe connection	Ø9.52 flare connection
2	Gas pipe connection	Ø15.90 flare connection
3	Drain pipe connection	VP25 (O.D.Ø32, I.D. Ø25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain hose	O.D.Ø32, I.D. Ø26
10	Knock out hole	

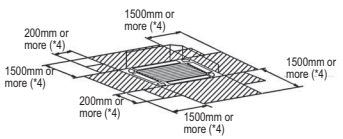




6. Please respect the distances as shown on figure below



(*1) Does not count for build in light
(*2) Space needed to enter with vacuum-cleaner tube.
(*3) Keep the exhaust of decoration panel free.

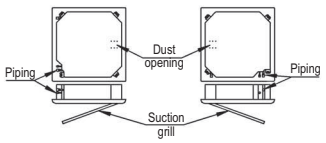


(*4) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500 mm on the closed side.

NOTES

1. Location of the nameplates:
   - Unit body: on the control box.
   - Decoration panel: on the panel frame at the motor side under the corner cover
2. When installing an optional accessory, refer to the installation drawings.
   - For the fresh air intake kit an inspection part is necessary
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm. Max. ceiling opening: 910mm
4. When the conditions exceed 30°C and RH 80% in de ceiling or fresh air is included into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

5. Installation direction



3TW32544-1

5 Dimensional drawings

5 - 2 Dimensional Drawings with Fresh Air Intake

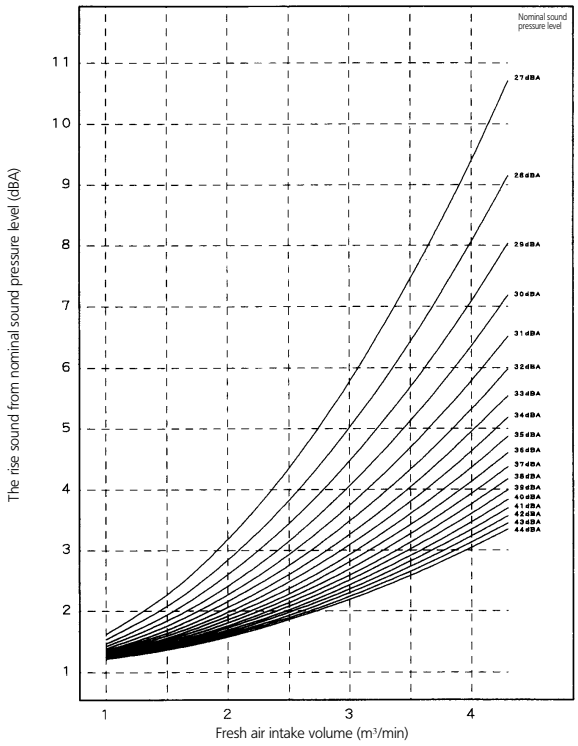
FXFQ-P9

Max fresh air intake volume table

The maximum intake air flow volume is following table.
If the intake air flow volume is too large, the operating sound may rise or detection of the indoor unit suction temperature may be affected.

FXFQ~P	20	25	32	40	50	63	80	100	125
Max fresh air intake volume (m³/min.)	2.5	2.5	2.5	2.7	3.1	3.5	4.3	4.3	4.3

The rise of operating sound at with fresh air intake kit

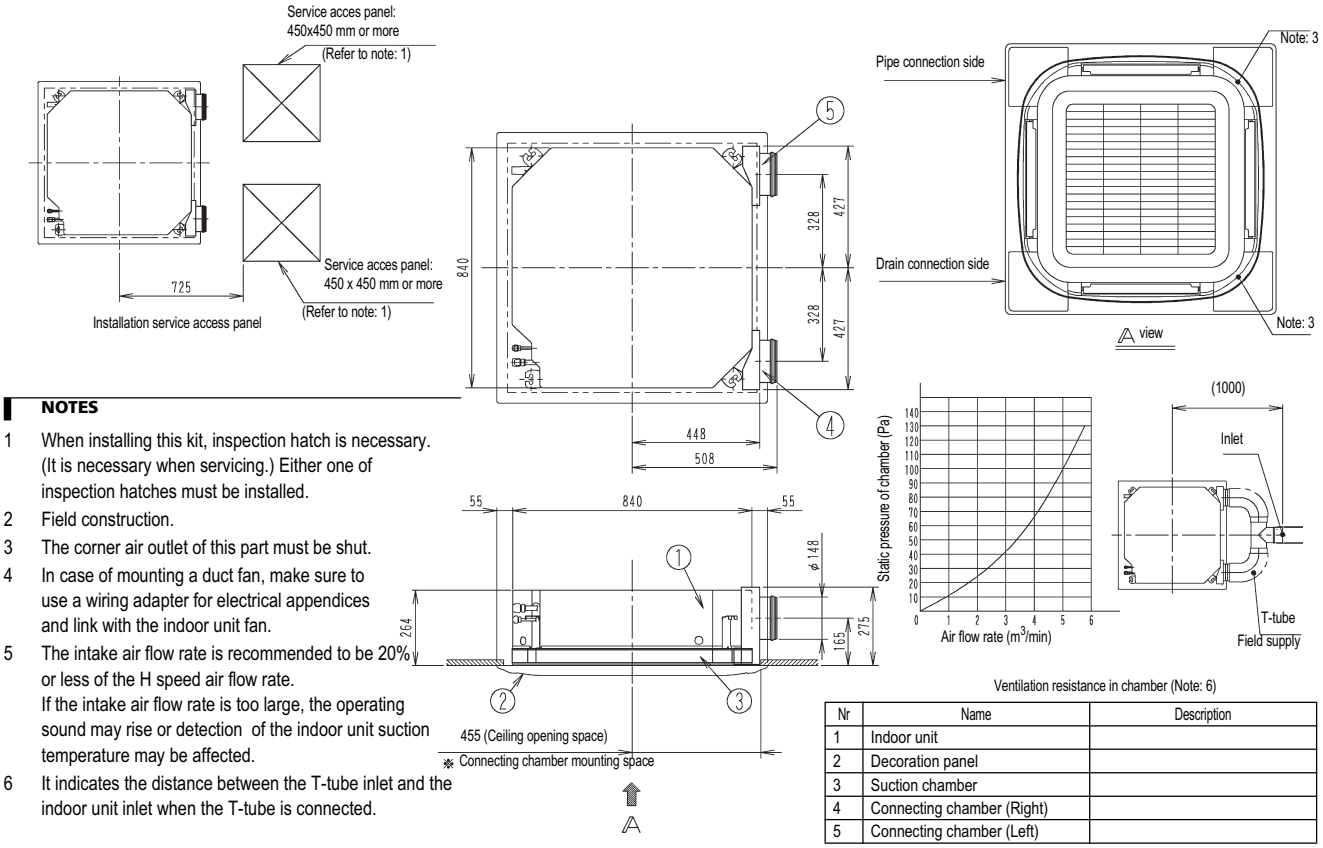


4D057910

5 Dimensional drawings

5 - 2 Dimensional Drawings with Fresh Air Intake

FXFQ20,25,32,40,50,63P9



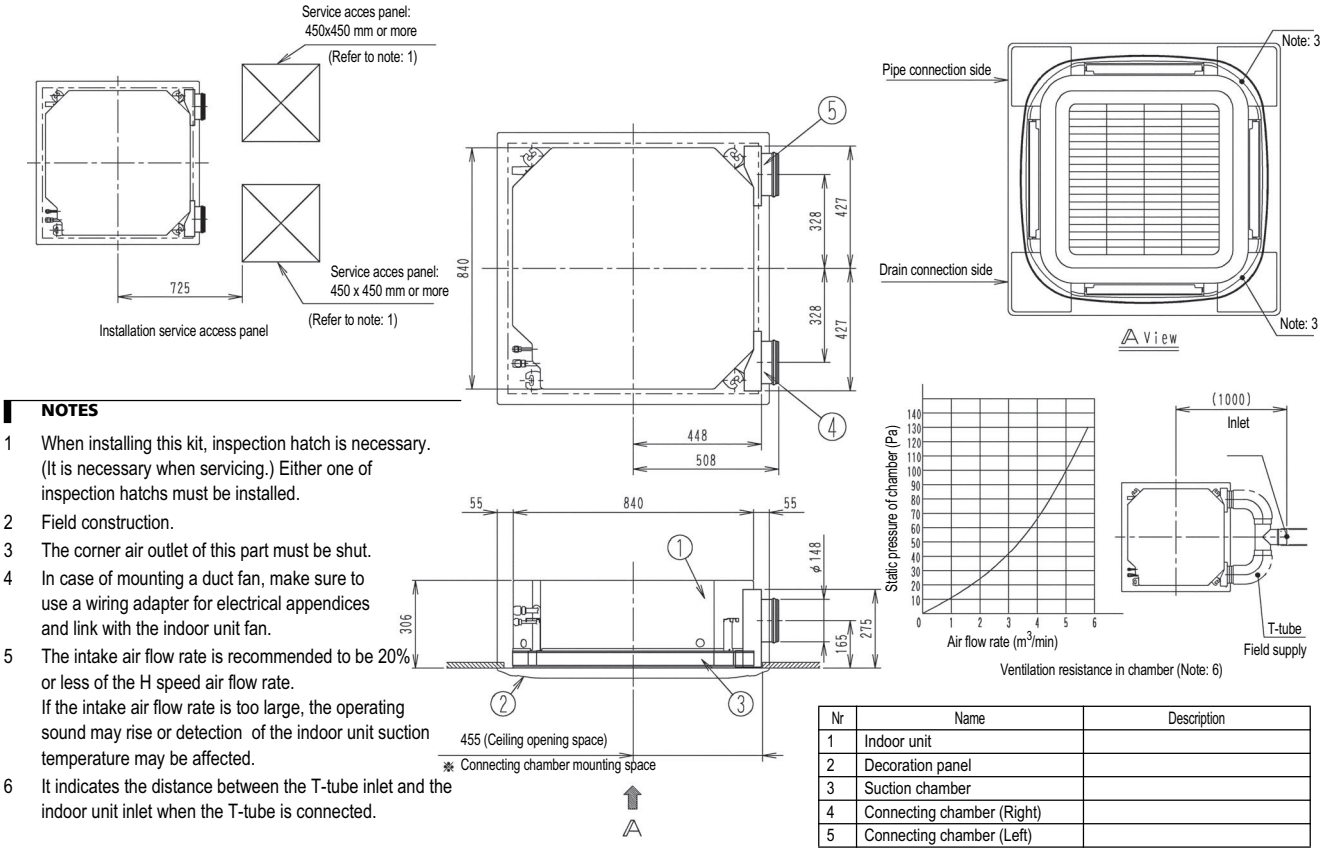
NOTES

1 When installing this kit, inspection hatch is necessary. (It is necessary when servicing.) Either one of inspection hatches must be installed.
2 Field construction.
3 The corner air outlet of this part must be shut.
4 In case of mounting a duct fan, make sure to use a wiring adapter for electrical appendices and link with the indoor unit fan.
5 The intake air flow rate is recommended to be 20% or less of the H speed air flow rate. If the intake air flow rate is too large, the operating sound may rise or detection of the indoor unit suction temperature may be affected.
6 It indicates the distance between the T-tube inlet and the indoor unit inlet when the T-tube is connected.

Nr	Name	Description
1	Indoor unit	
2	Decoration panel	
3	Suction chamber	
4	Connecting chamber (Right)	
5	Connecting chamber (Left)	

3D057035

FXFQ80,100P9



NOTES

1 When installing this kit, inspection hatch is necessary. (It is necessary when servicing.) Either one of inspection hatchs must be installed.
2 Field construction.
3 The corner air outlet of this part must be shut.
4 In case of mounting a duct fan, make sure to use a wiring adapter for electrical appendices and link with the indoor unit fan.
5 The intake air flow rate is recommended to be 20% or less of the H speed air flow rate. If the intake air flow rate is too large, the operating sound may rise or detection of the indoor unit suction temperature may be affected.
6 It indicates the distance between the T-tube inlet and the indoor unit inlet when the T-tube is connected.

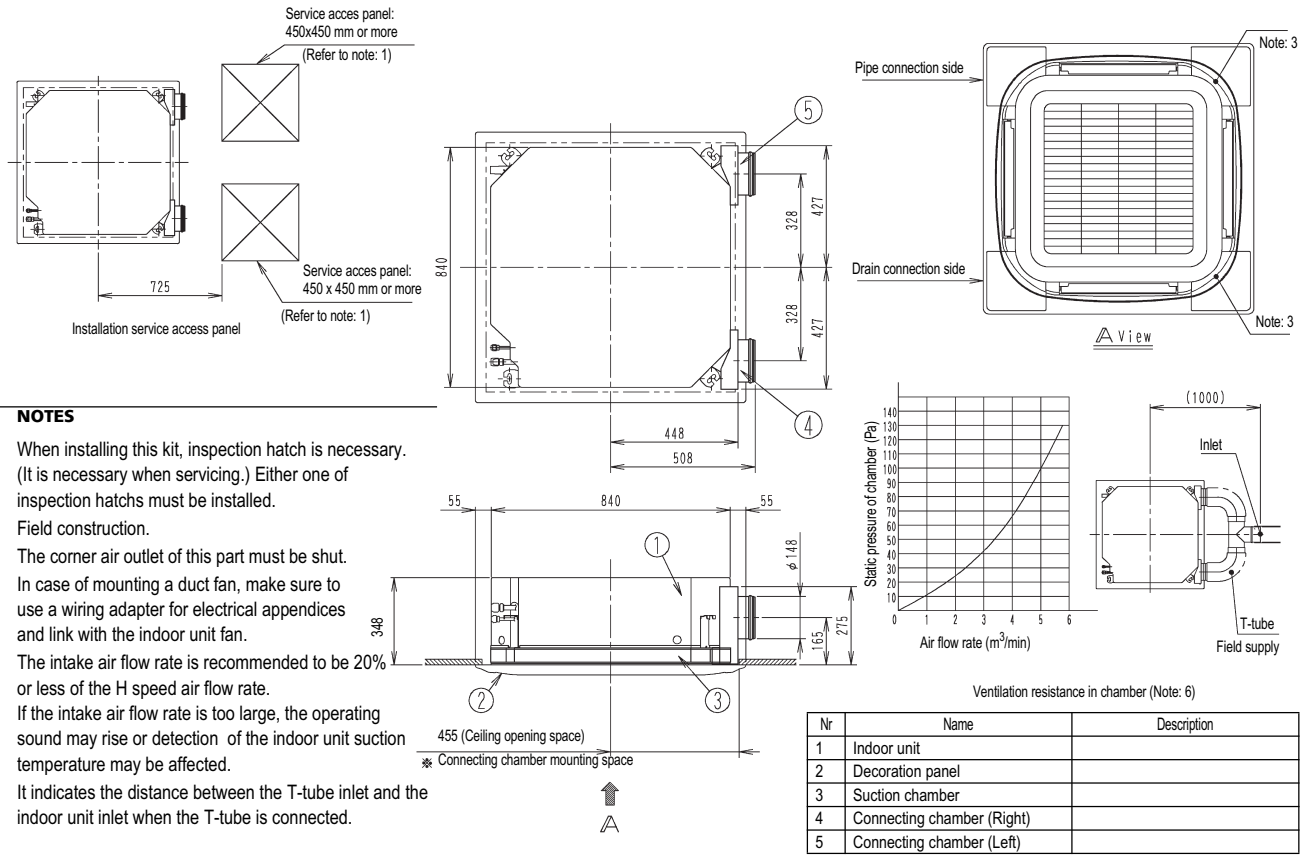
Nr	Name	Description
1	Indoor unit	
2	Decoration panel	
3	Suction chamber	
4	Connecting chamber (Right)	
5	Connecting chamber (Left)	

3D057034

5 Dimensional drawings

5 - 2 Dimensional Drawings with Fresh Air Intake

FXFQ125P9



NOTES

1 When installing this kit, inspection hatch is necessary. (It is necessary when servicing.) Either one of inspection hatchs must be installed.
2 Field construction.
3 The corner air outlet of this part must be shut.
4 In case of mounting a duct fan, make sure to use a wiring adapter for electrical appendices and link with the indoor unit fan.
5 The intake air flow rate is recommended to be 20% or less of the H speed air flow rate.
If the intake air flow rate is too large, the operating sound may rise or detection of the indoor unit suction temperature may be affected.
6 It indicates the distance between the T-tube inlet and the indoor unit inlet when the T-tube is connected.

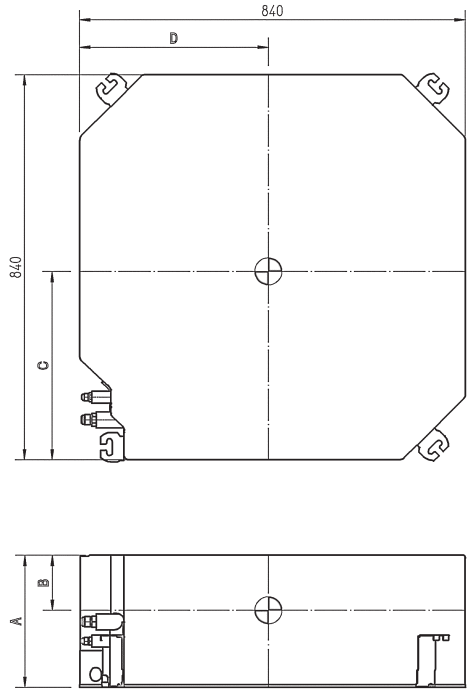
Nr	Name	Description
1	Indoor unit	
2	Decoration panel	
3	Suction chamber	
4	Connecting chamber (Right)	
5	Connecting chamber (Left)	

3D057032

6 Centre of gravity

6 - 1 Centre of Gravity

FXFQ-P9



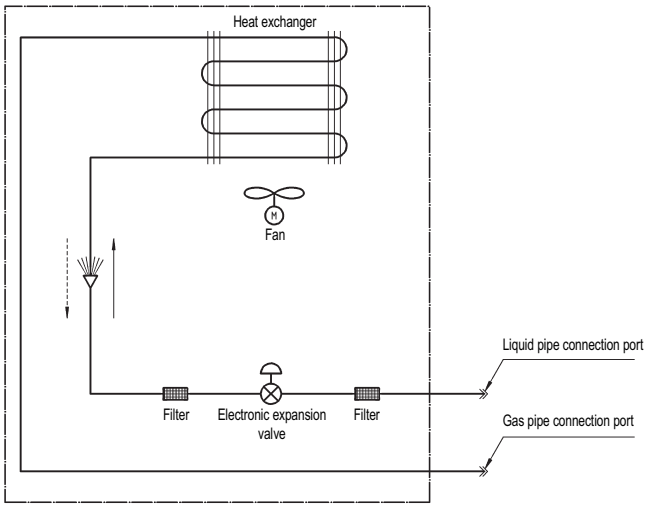
Models	A	B	C	D
FXFQ20~63	202	60	409	358
FXFQ80~100	246	90	411	411
FXFQ125	288	120	420	420

4TW28839-2

7 Piping diagrams

7 - 1 Piping Diagrams

FXFQ-P9



Refrigerant flow

Cooling

Heating

Refrigerant pipe connection port diameters

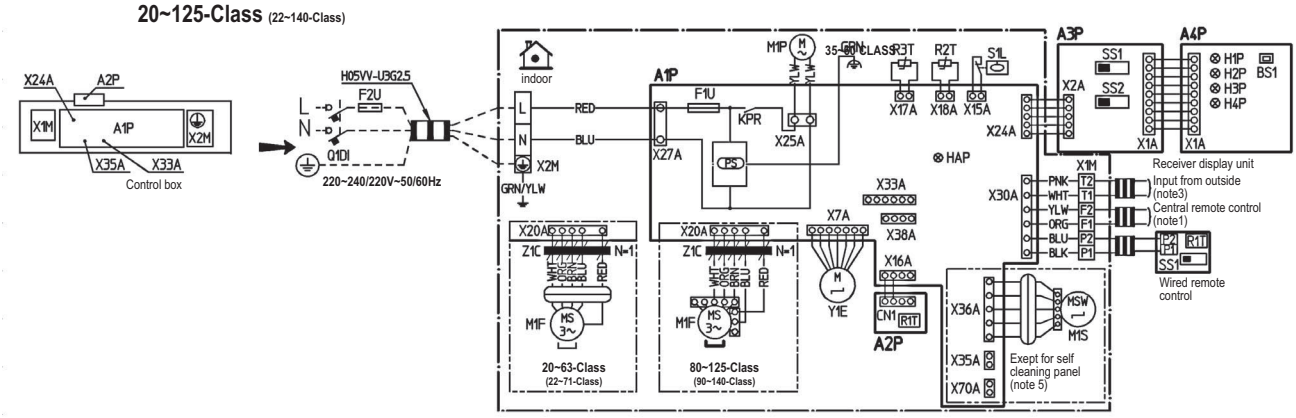
Model	Gas	Liquid
FXFQ20,25,32,50P	ø12.70	ø6.35
FXFQ63,80,100,125P	ø15.90	ø9.52

3TW28835-1

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

FXFQ20-125P



A1P	Printed circuit board	**Receiver display unit (attached to wireless remote controller)**	
A2P	Printed circuit board (Humidity sensor unit)	A3P	Printed circuit board
HAP	Light emitting diode (Service monitor green)	A4P	Printed circuit board
KPR	Magnetic relay (M1P)	BS1	Push button (On/off)
M1F	Motor (Indoor fan)	H1P	Light emitting diode (On-red)
M1P	Motor (Drain pump)	H2P	Light emitting diode (Timer-green)
M1S	Motor (Swing flap)	H3P	Light emitting diode (Filter sign-red)
PS	Power supply circuit	H4P	Light emitting diode (Defrost - orange)
R1T	Thermistor (Air)	SS1	Selector switch (Main/sub)
R2T	Thermistor (Coil)	SS2	Selector switch (Wireless address set)
RC	Signal receiver circuit	**Connector for optional parts**	
S1L	Float switch	X24A	Connector (Wireless remote control)
SS1	Selector switch (Emergency)	X33A	Connector (Adapter for wiring)
TC	Signal transmission circuit	X35A	Connector (Group control adapter)
X1M	Terminal strip	X70A	Connector (Self cleaning panel)
X2M	Terminal strip	**Wired remote control**	
Z1C	Ferrite core	R1T	Thermistor (Air)
		SS1	Selector switch (Main/sub)

: Terminal strip
: Connector
: Field wiring

Colors: RED Red, BLK Black, WHT White, YLW Yellow, GRN Green, ORG Orange, BRN Brown, GRY Grey, BLU Blue

3TW32466-1

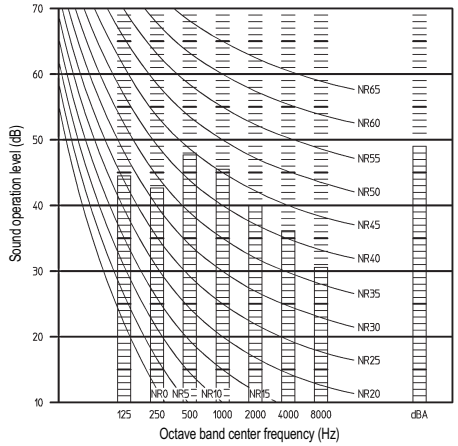
NOTES

1. In case of using a central remote control, connect it to the unit in accordance with th attached installation manual.
2. X24A, X33A and X335A are connected when the optional accessories are being used.
3. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote control. See installation manual for details.
4. Confirm the method of setting the selector switch (SS1, SS2) by installation manual and engineering data, etc.
5. In case of self cleaning panel follow the self cleaning panel installation instruction.

9 Sound data

9 - 1 Sound Power Spectrum

FXFQ20,25P8

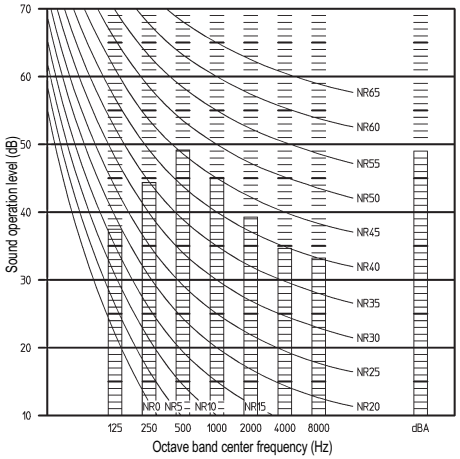


4TW28837-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6µW/m^2
5 Curve for FXFQ20,25P8VEB in cooling mode.

FXFQ32P9

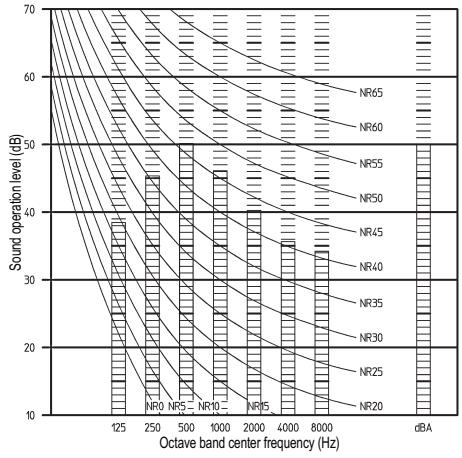


4TW28857-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6µW/m^2
5 Curve for FXF32P9VEB in cooling mode.

FXFQ40P9

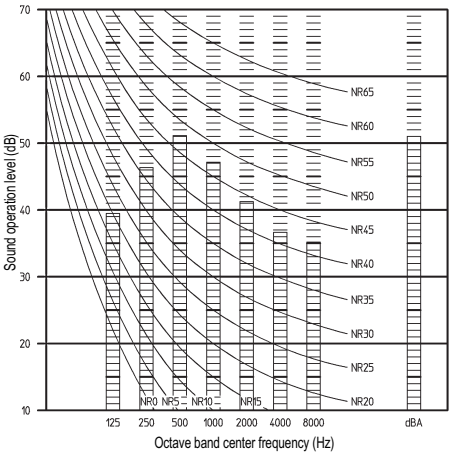


4TW28867-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6µW/m^2
5 Curve for FXFQ40P9VEB in cooling mode.

FXFQ50P9



4TW28877-1

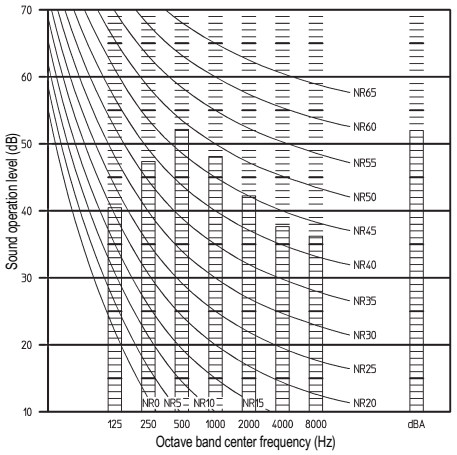
NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6µW/m^2
5 Curve for FXFQ50P9VEB in cooling mode.

9 Sound data

9 - 1 Sound Power Spectrum

FXFQ63P9

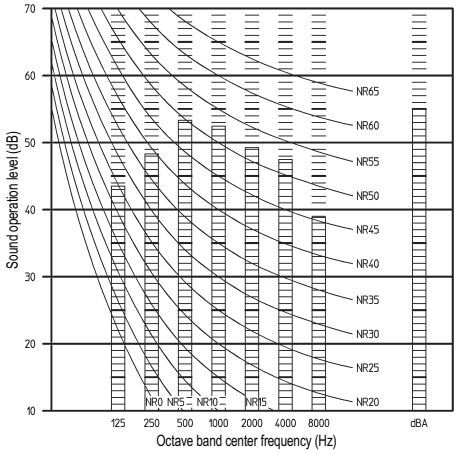


4TW28887-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6μW/m^2
5 Curve for FXFQ63P9VEB in cooling mode.

FXFQ80P9

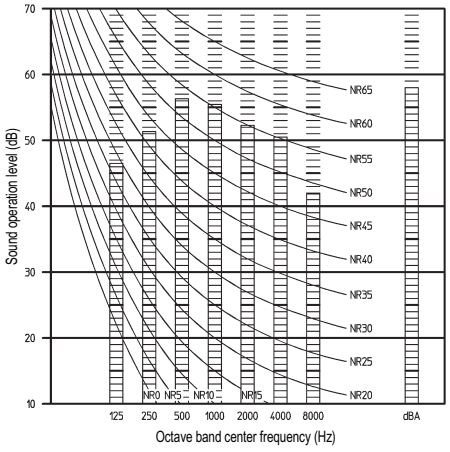


4TW28897-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6μW/m^2
5 Curve for FXFQ80P9VEB in cooling mode.

FXFQ100P9

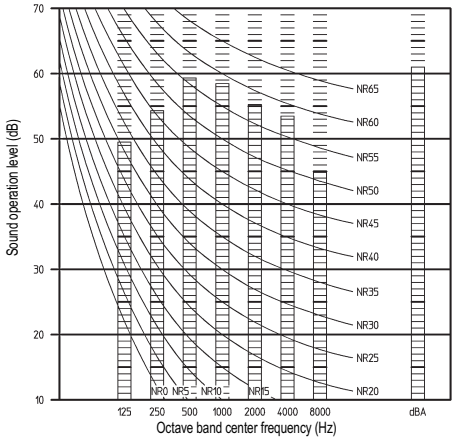


4TW28907-1

NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6μW/m^2
5 Curve for FXFQ100P9VEB in cooling mode.

FXFQ125P9



4TW28917-1

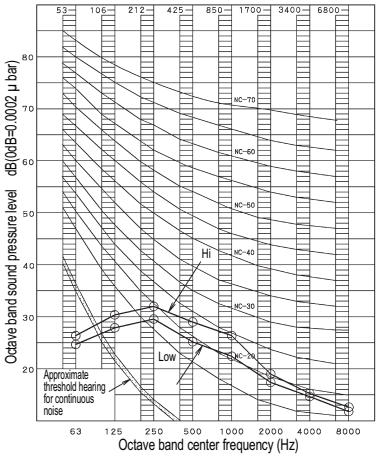
NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound operation level (A-scale according to IEC).
4 Reference acoustic intensity 0dB = 10E-6μW/m^2
5 Curve for FXFQ125P9VEB in cooling mode.

10 Air flow patterns

9 - 2 Sound Pressure Spectrum

FXFQ20P9



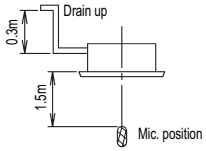
4D056867

Scale	Mode	
	Hi	Low
A	31.0	28.0
C	37.0	34.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:

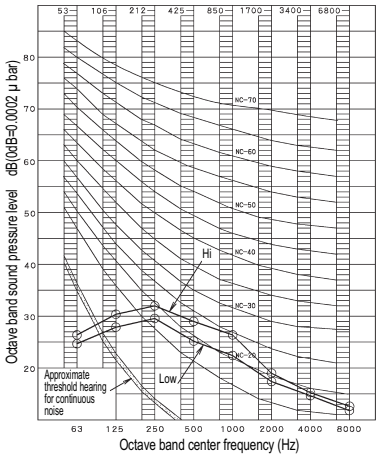
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi | 49
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ25P9



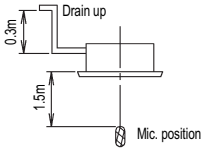
4D056868

Scale	Mode	
	Hi	Low
A	31.0	28.0
C	37.0	34.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:

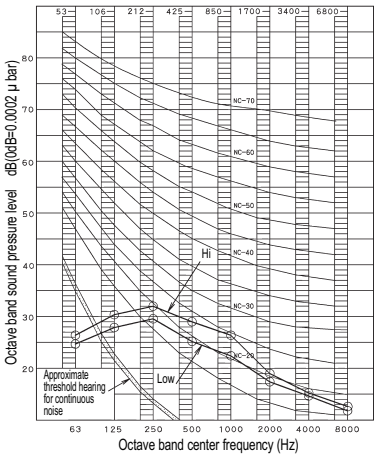
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi | 49
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ32P9



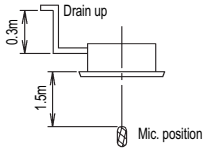
4D056869

Scale	Mode	
	Hi	Low
A	31.0	28.0
C	37.0	34.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:

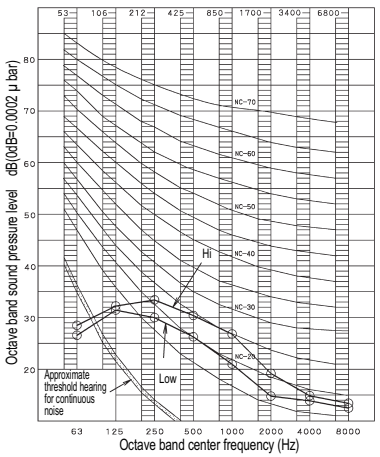
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi | 49
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ40P9



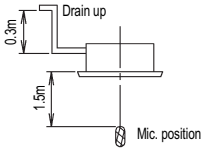
4D056870

Scale	Mode	
	Hi	Low
A	32.0	28.0
C	38.0	34.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:

- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi | 50
Measuring place: Anechoic chamber
Location of microphone

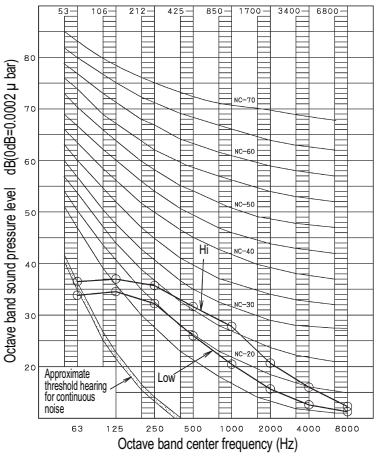


Note: Operation noise differs with operation and ambient conditions.

10 Air flow patterns

9 - 2 Sound Pressure Spectrum

FXFQ50P9

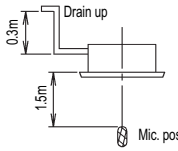


4D056871

Scale	Mode	
	Hi	Low
A	33.0	28.0
C	39.0	34.0

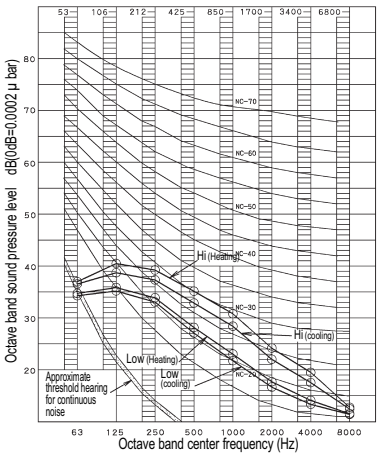
Over All (dB):
(B, G, N is already rectified)
Operating conditons:
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi 51
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ63P9



4D056872

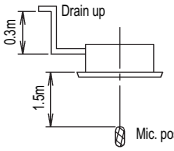
Scale	Mode			
	Hi		Low	
	Cooling	Heating	Cooling	Heating
A	34.0	36.0	29.0	30.0
C	40.0	42.0	35.0	36.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:
- Power source: 220-240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB):

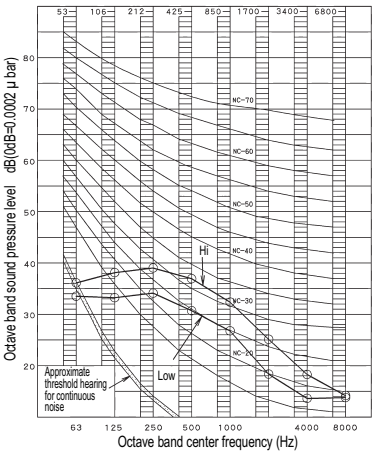
Hi	
Cooling	Heating
52	54

Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ80P9

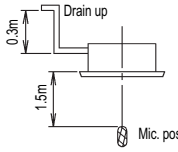


4D056873

Scale	Mode	
	Hi	Low
A	38.0	32.0
C	44.0	38.0

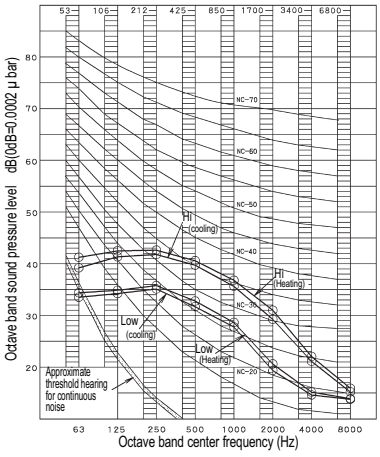
Over All (dB):
(B, G, N is already rectified)
Operating conditons:
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): Hi 55
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

FXFQ100P9



4D056874

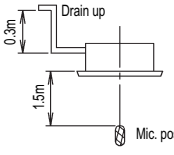
Scale	Mode			
	Hi		Low	
	Cooling	Heating	Cooling	Heating
A	41.0	42.0	33.0	34.0
C	47.0	48.0	39.0	40.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:
- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB):

Hi	
Cooling	Heating
58	59

Measuring place: Anechoic chamber
Location of microphone

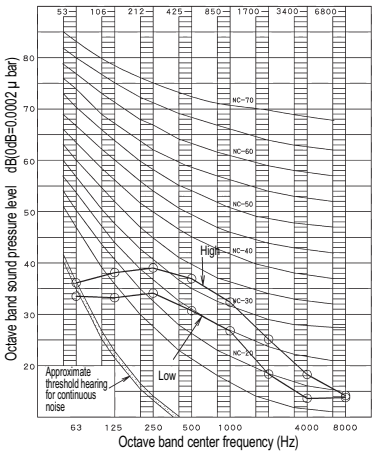


Note: Operation noise differs with operation and ambient conditions.

10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ125P9



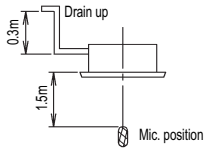
4D056875

Scale	Mode	
	Hi	Low
A	44.0	34.0
C	50.0	40.0

Over All (dB):
(B, G, N is already rectified)
Operating conditons:

- Power source: 220~240V 50Hz/220V 60Hz
- Cooling: return air temperature: 27°C DB, 19°C WB - outdoor temperature: 35°C DB, 24°C WB
- Heating: return air temperature: 20°C DB, 15°C WB - outdoor temperature: 7°C DB, 6°C WB
- 4 direction discharge

Power level (dB): High 61
Measuring place: Anechoic chamber
Location of microphone



Note: Operation noise differs with operation and ambient conditions.

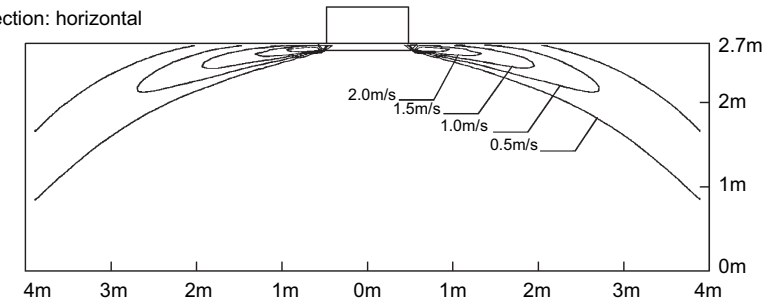
10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ20P9

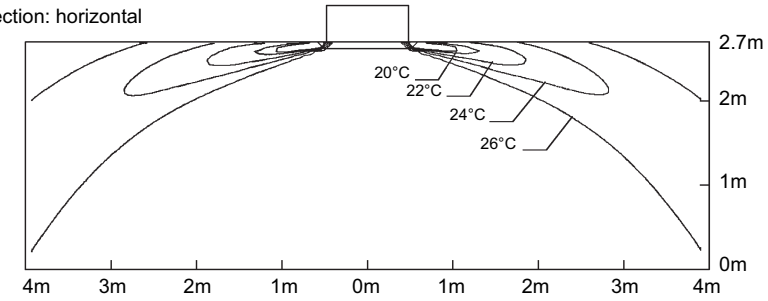
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

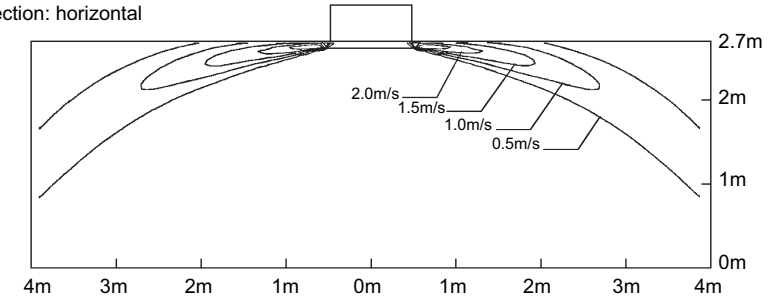


4D057221

FXFQ25P9

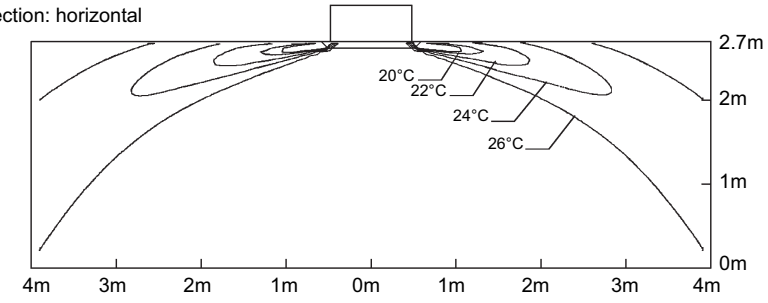
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D057223

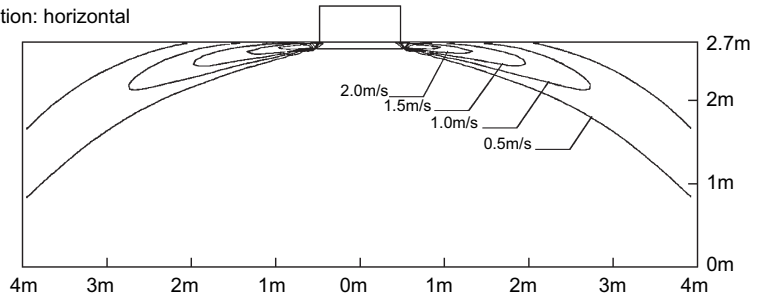
10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ32P9

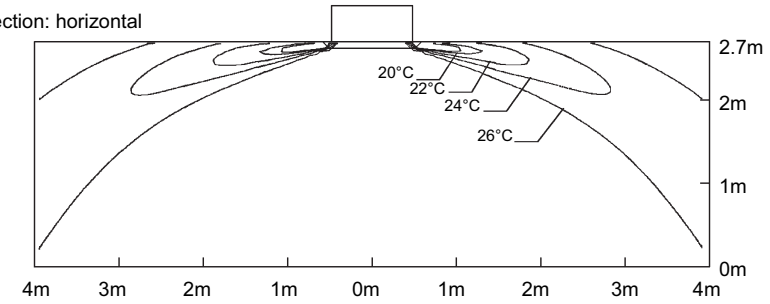
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

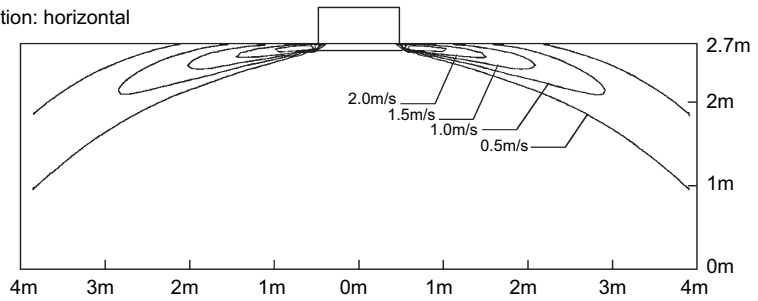


4D057225

FXFQ40P9

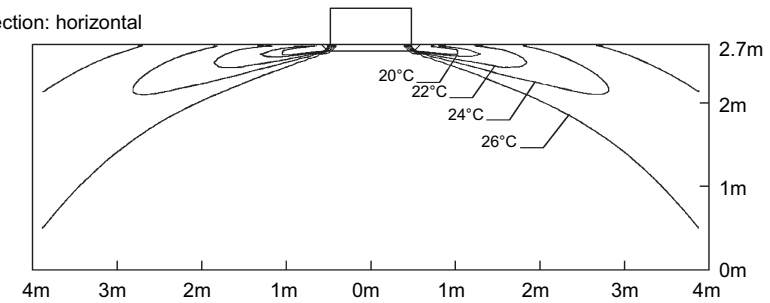
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D057227

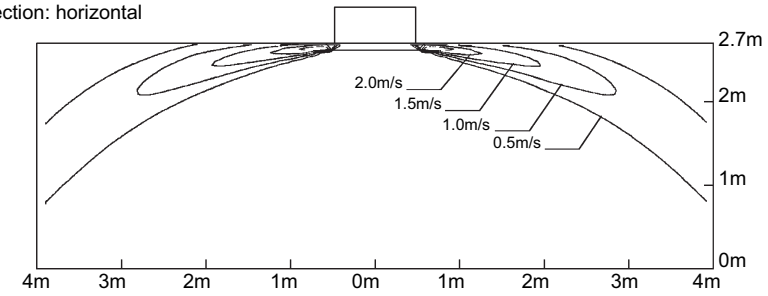
10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ50P9

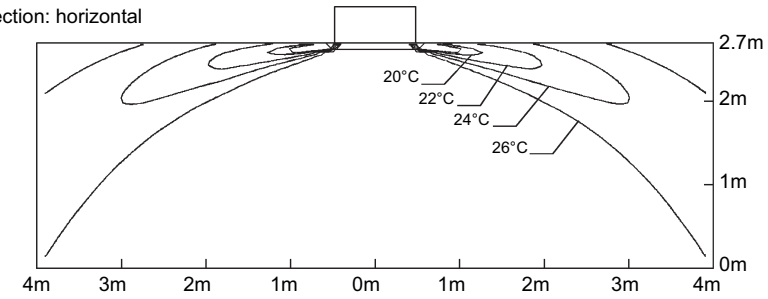
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

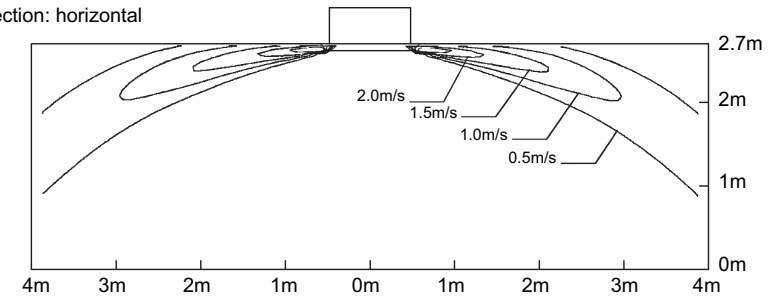


4D057229

FXFQ63P9

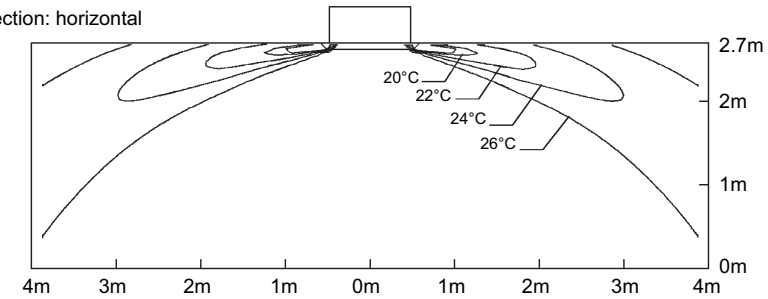
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D057231

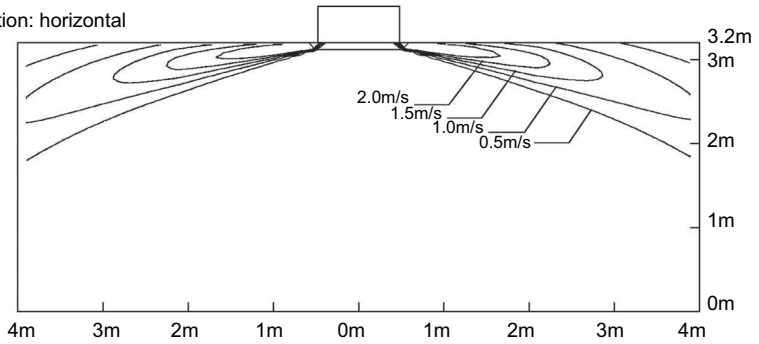
10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ80P9

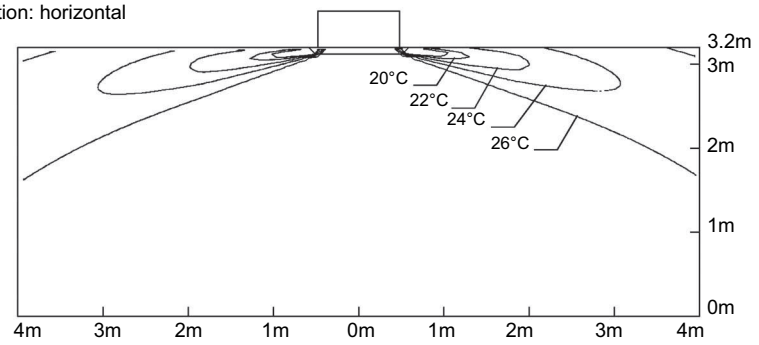
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

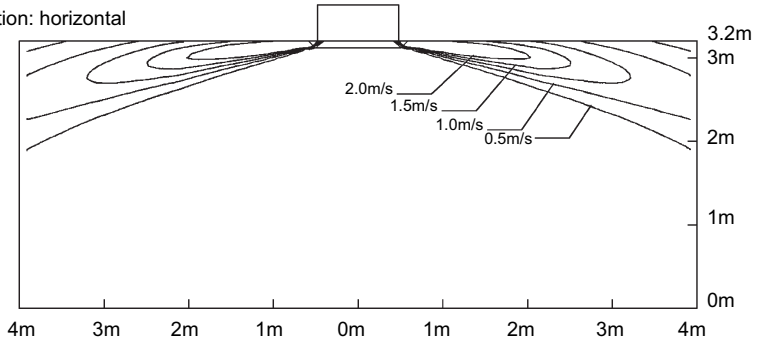


4D057233

FXFQ100P9

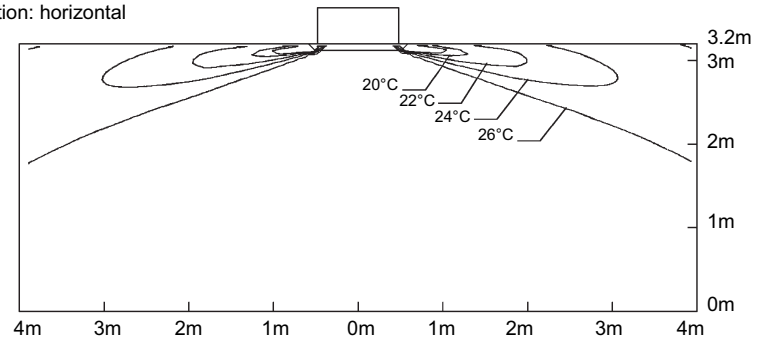
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D057235

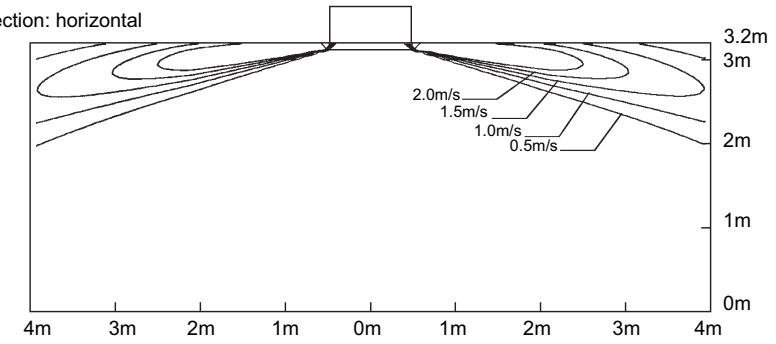
10 Air flow patterns

10 - 1 Air Flow Pattern - Cooling

FXFQ125P9

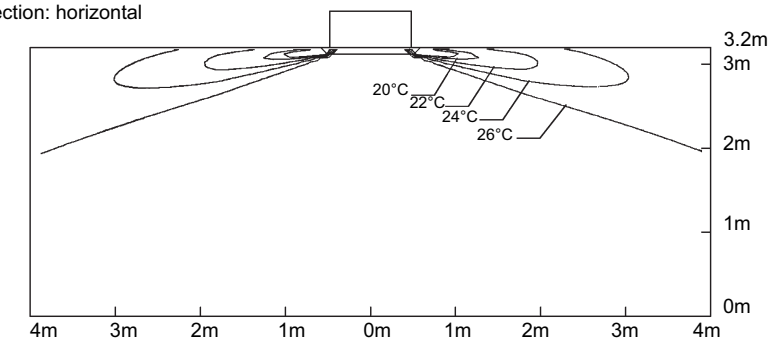
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D057237

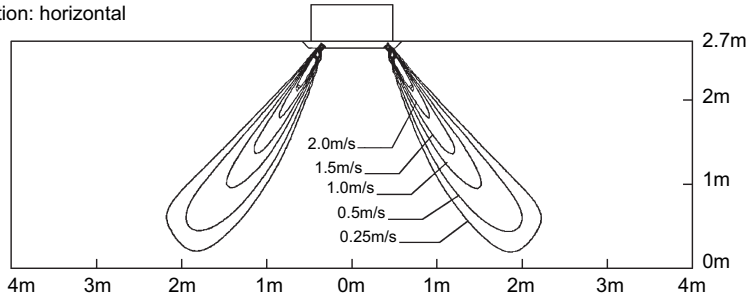
10 Air flow patterns

10 - 2 Air Flow Pattern - Heating

FXFQ20P9

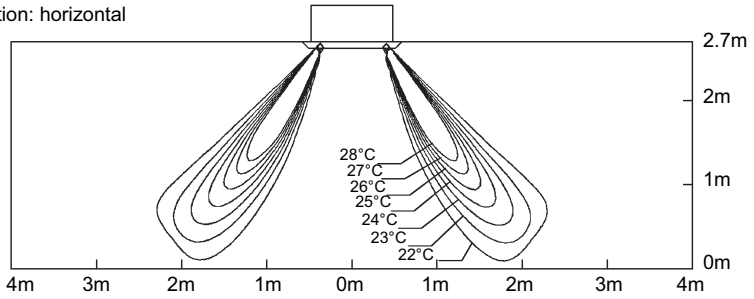
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

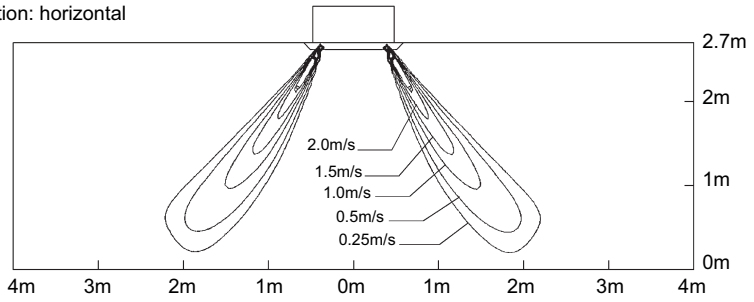


4D057220

FXFQ25P9

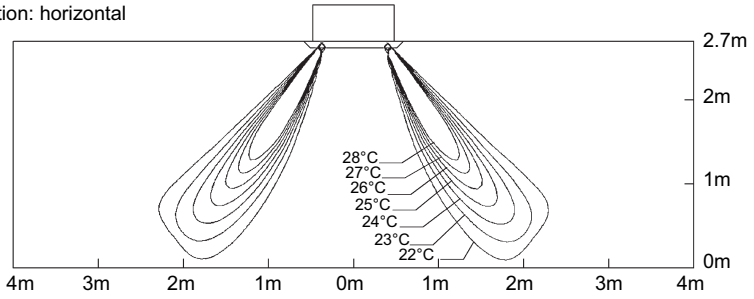
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D057222

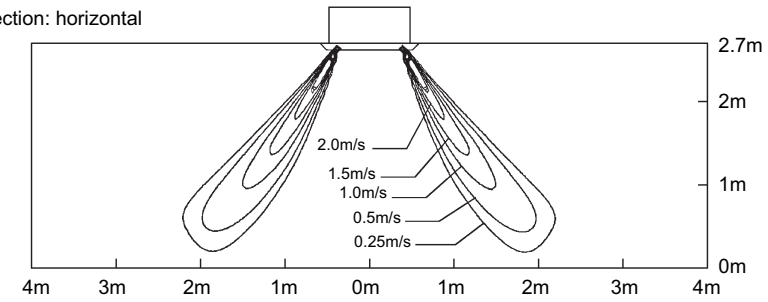
10 Air flow patterns

10 - 2 Air Flow Pattern - Heating

FXFQ32P9

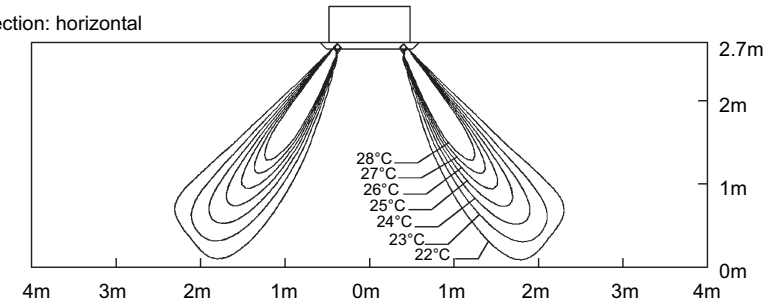
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

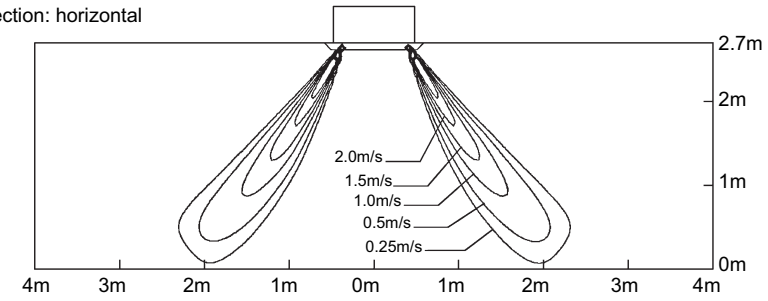


4D057224

FXFQ40P9

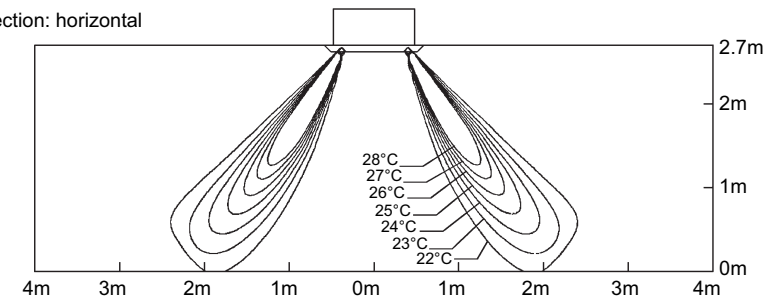
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D057226

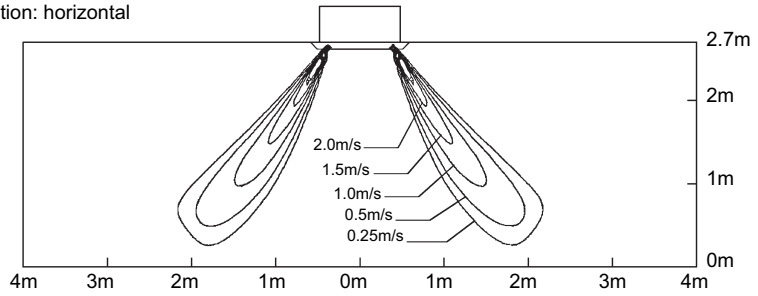
10 Air flow patterns

10 - 2 Air Flow Pattern - Heating

FXFQ50P9

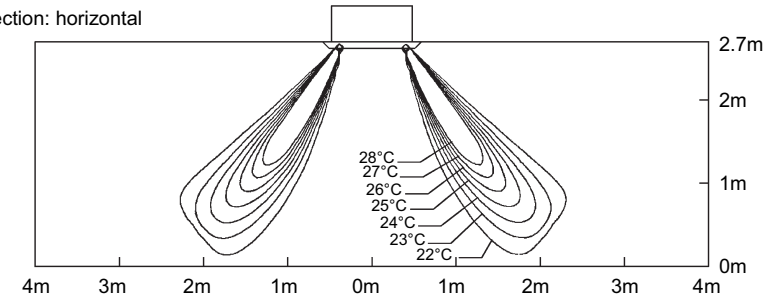
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

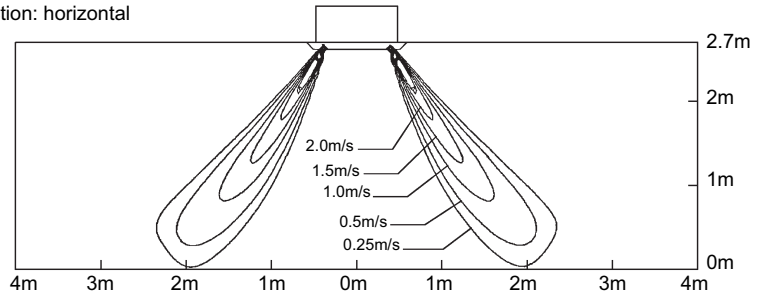


4D057228

FXFQ63P9

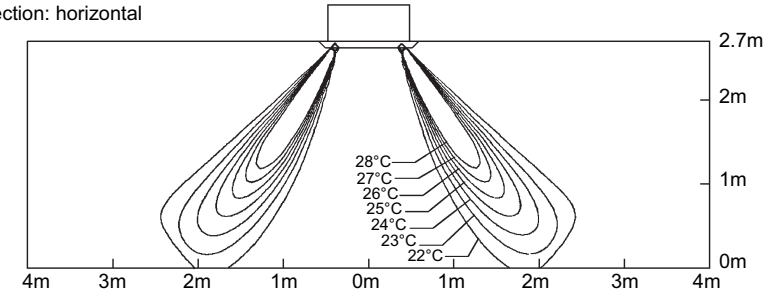
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D057230

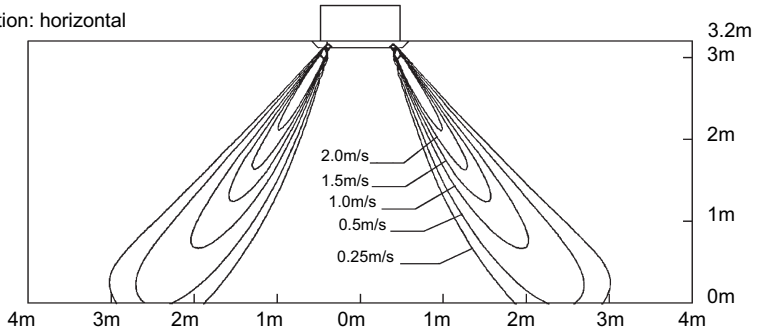
10 Air flow patterns

10 - 2 Air Flow Pattern - Heating

FXFQ80P9

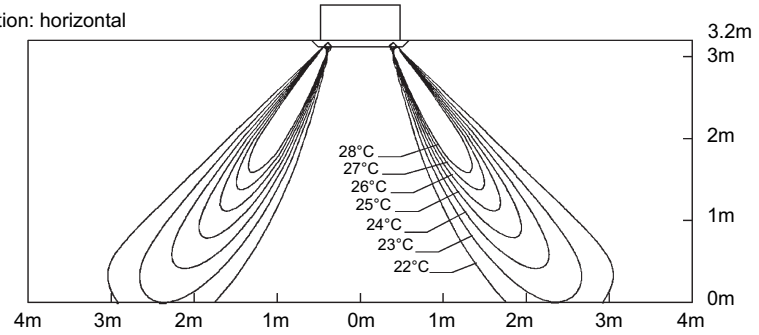
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

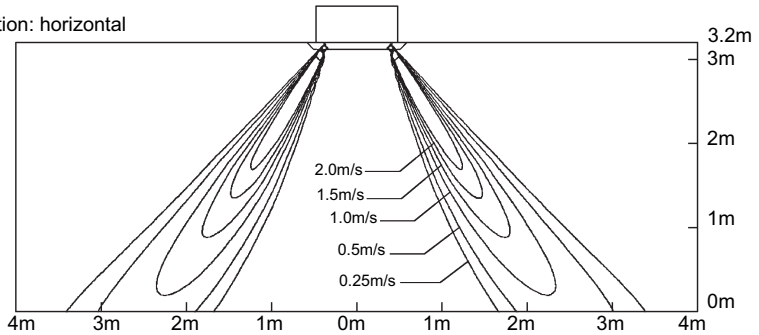


4D057232

FXFQ100P9

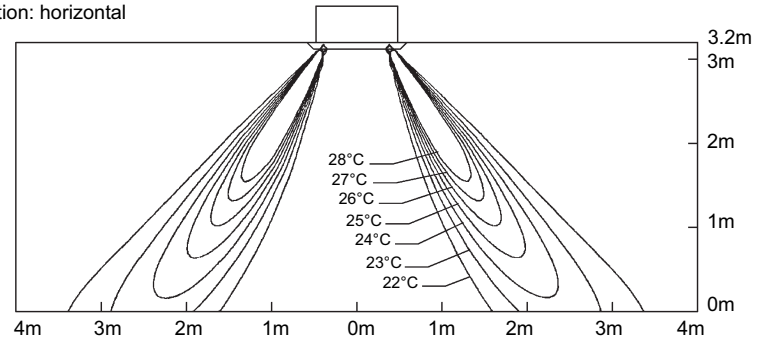
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air velocity distribution

All round air discharge, air flow direction: horizontal



4D057234

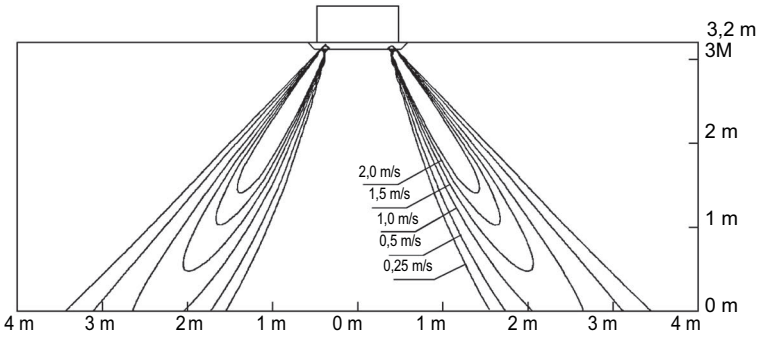
10 Air flow patterns

10 - 2 Air Flow Pattern - Heating

FXFQ125P9

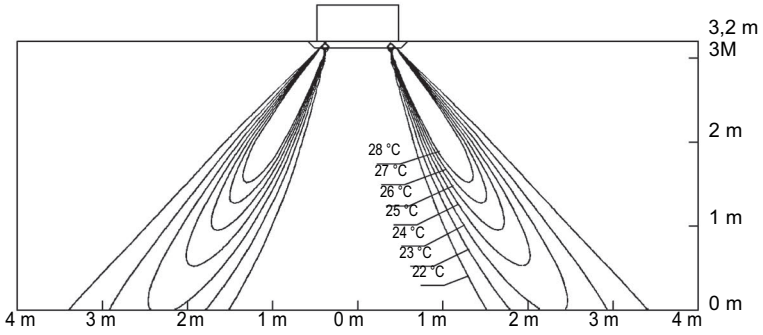
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D057236

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.

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