



Air Conditioning

Technical Data

Round flow cassette



EEDEN12-102

FMCQ-A8

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FMCQ-A8

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1 Features

- 360° air discharge ensures uniform air flow and temperature distribution
- Daikin introduces first auto cleaning cassette to European market.
- Modern style decoration panel is available in 3 different variations: pure white (RAL9010) auto cleaning panel, pure white (RAL9010) standard panel with grey louvers and pure white (RAL9010) standard panel with white louvers
- Higher efficiency and comfort thanks to daily auto cleaning of the filter.
- Lower maintenance costs thanks to auto cleaning function.
- Up to 20% fresh air intake
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- 23 different air flow patterns possible
- Standard drain pump with 850mm lift



heat pump

2 steps



optional

standard

2 Specifications

2-1 Technical Specifications					FMCQ50A8	FMCQ60A8	FMCQ71A8	FMCQ100A8	FMCQ125A8
Cooling capacity	Nom.			kW	5.0 (1)	6.0 (1)	7.1 (1)	10.0 (1)	12.5 (1)
Heating capacity	Nom.			kW	5.6 (2)	6.7 (2)	8.0 (2)	11.2 (2)	14.0 (2)
Power input - 50Hz	Cooling	Nom.	kW	0.083	0.095	0.120	0.173	0.258	
	Heating	Nom.	kW	0.067	0.114	0.108	0.176	0.246	
Power input - 60Hz	Cooling	Nom.	kW	0.082	0.094	0.119	0.172	0.257	
	Heating	Nom.	kW	0.067	0.114	0.108	0.176	0.246	
Casing	Material				Galvanised steel plate				
Dimensions	Unit	Height/Width/Depth	mm	204/840/840		246/840/840		288/840/840	
	Packed unit	Height/Width/Depth	mm	220/882/882		262/882/882		304/882/882	
Weight	Unit	kg		21		24		26	
	Packed unit	kg		26		28		31	
Decoration panel	Model			BYCQ140CW1					
	Colour			Pure White (RAL 9010)					
	Dimensions	Height/Width/Depth	mm	50/950/950					
	Weight			kg					
Decoration panel 2	Model			BYCQ140CW1W					
	Colour			Pure White (RAL 9010)					
	Dimensions	Height/Width/Depth	mm	50/950/950					
	Weight			kg					
Decoration panel 3	Model			BYCQ140CGW1					
	Colour			Pure White (RAL 9010)					
	Dimensions	Height/Width/Depth	mm	130/950/950					
	Weight			kg					
Heat exchanger	Inside length			mm	2,096				
	Outside length			mm	2,152				
	Rows	Quantity			2				
	Fin pitch			mm	1.2				
	Passes	Quantity			7		9		11
	Face area			m²	0.357		0.446		0.535
	Stages	Quantity			8		10		12
	Empty tubeplate hole	Quantity			0				
	Fin	Type			Cross fin coil (multi louver fins and Hi-XSS tubes)				
Fan	Type				Turbo fan				
	Quantity				1				
	Air flow rate	Cooling	High	m³/min	15.5	16.5	23.5	26.5	33.0
			Low	m³/min	10.0	11.0	14.5	17.0	20.0
		Heating	High	m³/min	15.0	17.5	23.5	28.0	33.0
Low			m³/min	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	High	dBA	51	52	55	58	61	
Sound pressure level	Cooling	High/Low	dBA	33/28	34/29	38/32	41/33	44/34	
	Heating	Super high/High/Low	dBA	-33/28	-36/30	-38/32	-42/34	-44/34	
Refrigerant	Type				R-410A				

2 Specifications

2-1 Technical Specifications				FMCQ50 A8	FMCQ60 A8	FMCQ71 A8	FMCQ100 A8	FMCQ125 A8
Piping connections	Sound absorbing insulation			Foamed Polyurethane				
	Liquid	Type/OD	mm	Flare connection/ 6.35	Flare connection/9.52			
	Gas	Type/OD	mm	Flare connection/ 12.7	Flare connection/15.9			
	Drain			VP 25 (I.D. 25/O.D. 32)				
	Heat insulation			Foamed polystyrene/polyethylene				
Air filter	Type			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;

2-2 Electrical Specifications				FMCQ50 A8	FMCQ60 A8	FMCQ71 A8	FMCQ100 A8	FMCQ125 A8
Power supply	Name		VE					
	Phase		1~					
	Frequency	Hz	50/60					
	Voltage	V	220-240/220					
Voltage range	Min.	%	-10					
	Max.	%	10					
Current - 50Hz	Maximum running current	A	0.5	0.7	1.1	1.5		
	Minimum circuit amps (MCA)	A	0.6	0.9	1.4	1.9		
	Maximum fuse amps (MFA)	A	16					
Current - 60Hz	Nominal running current	A	-					
	Maximum running current	A	0.5	0.7	1.1	1.5		
	Minimum circuit amps (MCA)	A	0.6	0.9	1.4	1.9		
	Maximum fuse amps (MFA)	A	16					

Notes

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

(2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; 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

3 Electrical data

3 - 1 Electrical Data

FMCQ-A8										
Units					Power supply		IFM		Input (W)	
Model	Type	Hz	Voltage range	Voltage limits	MCA	MFA	kW	FLA	Cooling	Heating
FMCQ50A8VEB	VE	50	220-240	Max. 264 Min. 198	0.6	16	0.056	0.5	83	67
FMCQ60A8VEB					0.9	16	0.056	0.7	95	114
FMCQ71A8VEB					0.9	16	0.120	0.7	120	108
FMCQ100A8VEB					1.4	16	0.120	1.1	173	176
FMCQ125A8VEB					1.9	16	0.120	1.5	258	246
FMCQ50A8VEB	VE	60	220	Max. 242 Min. 198	0.6	16	0.056	0.5	82	67
FMCQ60A8VEB					0.9	16	0.056	0.7	94	114
FMCQ71A8VEB					0.9	16	0.12	0.7	119	108
FMCQ100A8VEB					1.4	16	0.12	1.1	172	176
FMCQ125A8VEB					1.9	16	0.12	1.5	257	246

Symbols:

MCA: Min. Circuit Amps. (A)

MFA: Max. Fuse Amps (see note 5)

kW: Fan Motor Rated Output (kW)

FLA: Full Load Amps. (A)

IFM: Indoor Fan Motor.

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NOTES

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

2 Maximum allowable voltage unbalance between phases is 2%.

3 MCA/MFA
MCA = 1.25 x FLA
MFA ≤ 4 x FLA
(next lower standard fuse rating min. 16A)

4 Select a wire size based on the MCA.

5 Instead of fuse, use circuit breaker.

4 Safety device settings

4 - 1 Safety Device Settings

FMCQ-A8

SAFETY DEVICES		50	60	71	100	125
FMCQ	PC board fuse	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
	Fan motor thermal fuse	°C	---	---	---	---
	Fan motor thermal protector	°C	OFF: 108 ± 5 (ON: 96 ± 15)	OFF: 108 ± 5 (ON: 96 ± 15)	OFF: 108 ± 5 (ON: 96 ± 15)	OFF: 108 ± 5 (ON: 96 ± 15)
	Drain pump fuse	°C	145	145	145	145

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5 Options

5 - 1 Options

FMCQ-A8

OPTIONS

	Item	Model	FMCQ50	FMCQ60	FMCQ71	FMCQ100	FMCQ125
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 *9		
4	Sealing member of air discharge outlet				KDBHQ55C140		

CONTROL SYSTEM

	Item	Model		FMCQ50	FMCQ60	FMCQ71	FMCQ100	FMCQ125	
1	Remote controller	Infrared	H/P	BRC7F532F *9					
			C/O	BRC7F533F *9					
		Wired	BRC1D528						
			BRC1E51A7 *4 / BRC1E52A7 *10 / BRC1E52B7 *11						
2-1	Wiring adapter for electrical appendices (1)			KRP2A526 *1 *9					
2-2	Wiring adapter for electrical appendices (2)			KRP4AA53 *1 *9					
2-3	Wiring adapter (hour meter)			EKRP1C11 / KRP1C12 *1 *8					
3	Remote sensor			KRCS01-4					
4	Installation box for adapter PCB			KRP1H98 / KRP1J98 *7					
5	Central remote controller			DCS302CA51					
6	Unified ON/OFF controller			DCS301BA51					
7	Electrical box with earth terminal (2 blocks)			KJB212AA					
8	Schedule timer			DST301BA51					

*1 Installation box is necessary for these adaptors.

*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 it 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 When using decoration panel BYCQ140CGW1, installation box for adaptor pcb KRP1J98 must be used.

*8 When using decoration panel BYCQ140CGW1, wiring adaptor (hour meter) KRP1C12 must be used.

*9 Option not available in combination with BYCQ140CGW1.

*10 Included languages are: English, German, French, Dutch, Spanish, Italian, Greek, Portuguese, Russian, Turkish and Polish.

*11 Included languages are: English, German, Albanian, Bulgarian, Croatian, Czech, Hungarian, Romanian, Serbian, Slovak and Slovenian.

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5 Options

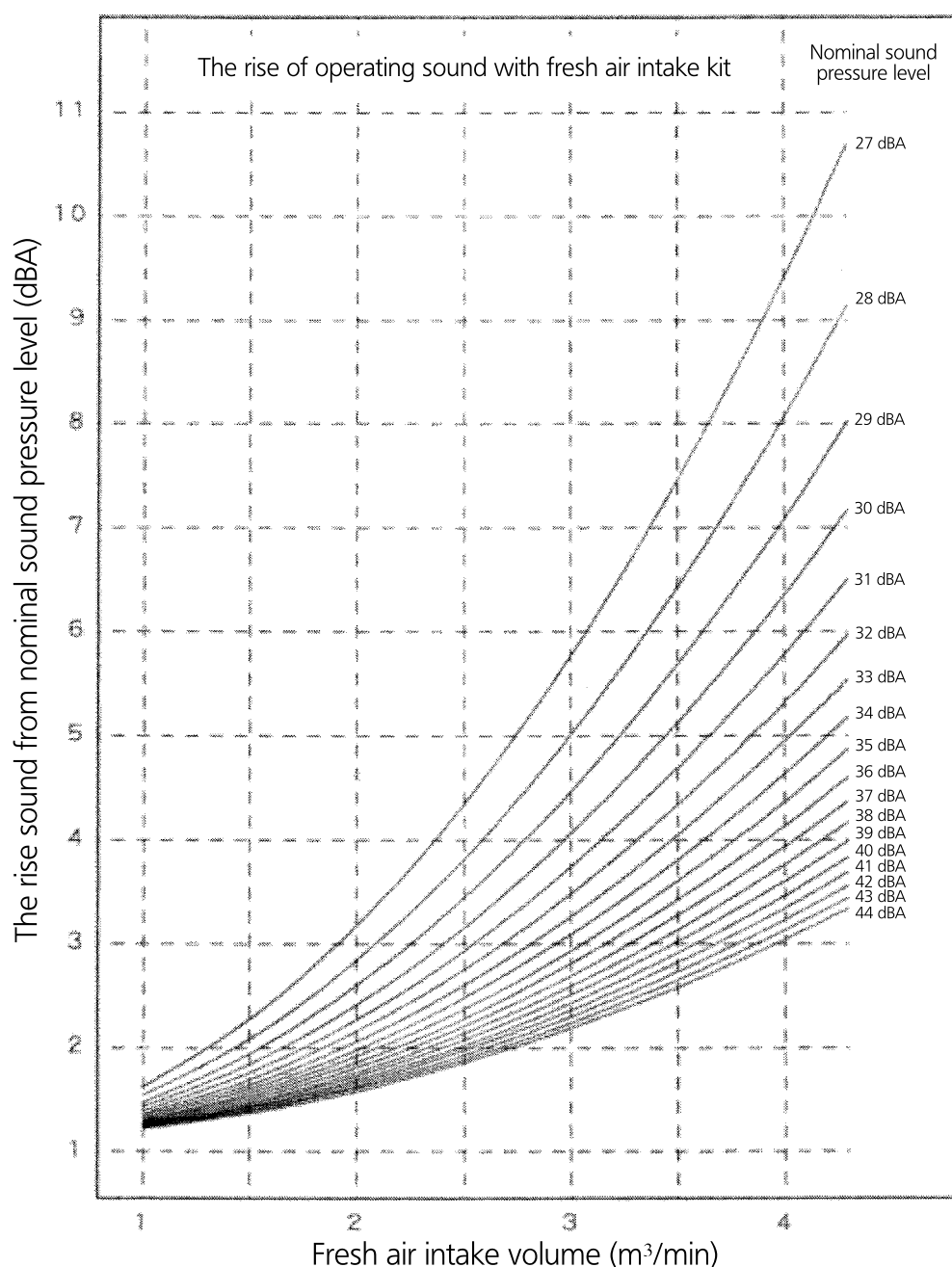
5 - 1 Options

FMCQ-A8

Maximum fresh air intake volume table

*The maximum intake air flow volume is as shown in the 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.

FMCQ	50	60	71	100	125
Max fresh air intake volume (m ³ /min)	3.1	3.5		4.3	



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6 Capacity tables

6 - 1 Cooling Capacity Tables

FMCQ-A8

Unit size	Outdoor °CDB	Indoor air temp.															
		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			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
50	10.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.6	3.9		
	12.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.5	3.8		
	14.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.4	3.8		
	16.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.3	3.8		
	18.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.2	3.7		
	20.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.1	3.7		
	21.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	6.0	3.5	6.1	3.7		
	23.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.9	3.5	6.0	3.7		
	25.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.8	3.5	5.9	3.6		
	27.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.7	3.4	5.9	3.6		
	29.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.6	3.4	5.8	3.5		
	31.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.6	3.4	5.7	3.5		
	33.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.5	3.3	5.6	3.5		
	35.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.3	3.8	5.4	3.3	5.5	3.4		
	37.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.2	3.7	5.3	3.3	5.4	3.4		
	39.0	3.4	2.9	4.0	3.2	4.7	3.6	5.0	3.7	5.1	3.7	5.2	3.2	5.3	3.3		
60	10.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.9	4.7		
	12.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.8	4.6		
	14.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.7	4.5		
	16.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.6	4.5		
	18.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.5	4.4		
	20.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.4	4.4		
	21.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.2	4.6	7.3	4.3		
	23.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.1	4.5	7.2	4.3		
	25.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	7.0	4.5	7.1	4.2		
	27.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	6.9	4.4	7.0	4.2		
	29.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	6.8	4.3	6.9	4.2		
	31.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	6.7	4.3	6.8	4.1		
	33.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.4	4.5	6.6	4.3	6.7	4.1		
	35.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.3	4.4	6.5	4.2	6.6	4.0		
	37.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.2	4.4	6.4	4.2	6.5	4.0		
	39.0	4.1	3.5	4.8	3.9	5.6	4.2	6.0	4.4	6.1	4.3	6.3	4.1	6.4	4.0		
71	10.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.3	5.6		
	12.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.2	5.5		
	14.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.1	5.5		
	16.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	9.0	5.4		
	18.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.9	5.3		
	20.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2		
	21.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.5	8.7	5.2		
	23.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.4	5.4	8.5	5.1		
	25.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.3	5.3	8.4	5.0		
	27.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.1	5.2	8.3	5.0		
	29.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	8.0	5.2	8.2	4.9		
	31.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.9	5.1	8.1	4.9		
	33.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.6	5.3	7.8	5.1	7.9	4.9		
	35.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.5	5.2	7.7	5.0	7.8	4.8		
	37.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.4	5.2	7.5	5.0	7.7	4.8		
	39.0	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.2	5.1	7.4	4.9	7.6	4.7		
100	10.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	13.1	7.6		
	12.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	13.0	7.5		
	14.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	12.8	7.4		
	16.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	12.6	7.3		
	18.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	12.5	7.2		
	20.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	12.3	7.1		
	21.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	12.0	7.4	12.2	7.0		
	23.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	11.8	7.3	12.0	6.9		
	25.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	11.6	7.2	11.9	6.9		
	27.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	11.5	7.1	11.7	6.8		
	29.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	11.3	7.0	11.5	6.7		
	31.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	11.1	7.0	11.4	6.6		
	33.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.6	7.1	10.9	6.9	11.2	6.6		
	35.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.5	7.1	10.8	6.8	11.0	6.5		
	37.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.4	7.0	10.6	6.7	10.9	6.4		
	39.0	6.8	5.5	8.0	6.1	9.4	6.8	10.0	7.0	10.2	6.9	10.4	6.7	10.7	6.4		
125	10.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	16.4	9.7		
	12.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	16.2	9.6		
	14.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	16.0	9.5		
	16.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	15.8	9.3		
	18.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	15.6	9.2		
	20.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	15.4	9.1		
	21.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	15.0	9.3	15.3	9.0		
	23.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	14.7	9.2	15.0	8.9		
	25.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	14.6	9.1	14.8	8.7		
	27.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	14.3	9.0	14.6	8.6		
	29.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	14.1	8.8	14.4	8.5		
	31.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	13.9	8.7	14.2	8.4		
	33.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.3	8.9	13.7	8.6	14.0	8.3		
	35.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	13.2	8.7	13.5	8.5	13.8	8.1		
	37.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	12.9	8.6	13.3	8.4	13.6	8.0		
	39.0	8.4	6.8	10.0	7.6	11.7	8.6	12.5	8.8	12.7	8.4	13.0	8.2	13.3	8.0		

6 Capacity tables

6 - 2 Heating Capacity Tables

FMCQ-A8

Unit size	Outdoor air temp.		Indoor air temp.: °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CDB	KW	KW	KW	KW	KW	KW
50	-19.8	-20.0	3.3	3.3	3.3	3.3	3.3	3.3
	-18.8	-19.0	3.4	3.4	3.4	3.4	3.4	3.4
	-16.7	-17.0	3.6	3.6	3.6	3.6	3.6	3.6
	-14.7	-15.0	3.8	3.8	3.8	3.8	3.8	3.8
	-12.6	-13.0	4.0	4.0	4.0	4.0	4.0	4.0
	-10.5	-11.0	4.2	4.2	4.2	4.2	4.2	4.2
	-9.5	-10.0	4.3	4.3	4.3	4.3	4.3	4.3
	-8.5	-9.1	4.4	4.4	4.4	4.4	4.4	4.3
	-7.0	-7.6	4.5	4.5	4.5	4.5	4.5	4.5
	-5.0	-5.6	4.7	4.7	4.7	4.7	4.7	4.7
	-3.0	-3.7	4.9	4.9	4.9	4.9	4.9	4.9
	0.0	-0.7	5.2	5.2	5.2	5.2	5.2	4.9
	3.0	2.2	5.5	5.5	5.5	5.4	5.2	4.9
	5.0	4.1	5.7	5.7	5.6	5.4	5.2	4.9
	7.0	6.0	5.9	5.9	5.6	5.4	5.2	4.9
	9.0	7.9	6.1	6.0	5.6	5.4	5.2	4.9
	11.0	9.8	6.3	6.0	5.6	5.4	5.2	4.9
	13.0	11.8	6.3	6.0	5.6	5.4	5.2	4.9
	15.0	13.7	6.3	6.0	5.6	5.4	5.2	4.9
60	-19.8	-20.0	4.0	3.9	3.9	3.9	3.9	3.9
	-18.8	-19.0	4.1	4.1	4.1	4.0	4.0	4.0
	-16.7	-17.0	4.3	4.3	4.3	4.3	4.3	4.3
	-14.7	-15.0	4.5	4.5	4.5	4.5	4.5	4.5
	-12.6	-13.0	4.8	4.8	4.8	4.8	4.8	4.7
	-10.5	-11.0	5.0	5.0	5.0	5.0	5.0	5.0
	-9.5	-10.0	5.1	5.1	5.1	5.1	5.1	5.1
	-8.5	-9.1	5.2	5.2	5.2	5.2	5.2	5.2
	-7.0	-7.6	5.4	5.4	5.4	5.4	5.4	5.4
	-5.0	-5.6	5.7	5.7	5.6	5.6	5.6	5.6
	-3.0	-3.7	5.9	5.9	5.9	5.9	5.9	5.8
	0.0	-0.7	6.2	6.2	6.2	6.2	6.2	5.8
	3.0	2.2	6.6	6.6	6.6	6.5	6.3	5.8
	5.0	4.1	6.8	6.8	6.7	6.5	6.3	5.8
	7.0	6.0	7.0	7.0	6.7	6.5	6.3	5.8
	9.0	7.9	7.3	7.1	6.7	6.5	6.3	5.8
	11.0	9.8	7.5	7.1	6.7	6.5	6.3	5.8
	13.0	11.8	7.6	7.1	6.7	6.5	6.3	5.8
	15.0	13.7	7.6	7.1	6.7	6.5	6.3	5.8
71	-19.8	-20.0	4.7	4.7	4.7	4.7	4.7	4.7
	-18.8	-19.0	4.9	4.9	4.8	4.8	4.8	4.8
	-16.7	-17.0	5.1	5.1	5.1	5.1	5.1	5.1
	-14.7	-15.0	5.4	5.4	5.4	5.4	5.4	5.4
	-12.6	-13.0	5.7	5.7	5.7	5.7	5.7	5.7
	-10.5	-11.0	6.0	6.0	6.0	6.0	6.0	5.9
	-9.5	-10.0	6.1	6.1	6.1	6.1	6.1	6.1
	-8.5	-9.1	6.3	6.3	6.2	6.2	6.2	6.2
	-7.0	-7.6	6.5	6.5	6.4	6.4	6.4	6.4
	-5.0	-5.6	6.8	6.7	6.7	6.7	6.7	6.7
	-3.0	-3.7	7.0	7.0	7.0	7.0	7.0	7.0
	0.0	-0.7	7.5	7.4	7.4	7.4	7.4	7.0
	3.0	2.2	7.9	7.8	7.8	7.7	7.5	7.0
	5.0	4.1	8.1	8.1	8.0	7.7	7.5	7.0
	7.0	6.0	8.4	8.4	8.0	7.7	7.5	7.0
	9.0	7.9	8.7	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	8.9	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0
100	-19.8	-20.0	6.6	6.6	6.6	6.6	6.6	6.5
	-18.8	-19.0	6.8	6.8	6.8	6.8	6.8	6.7
	-16.7	-17.0	7.2	7.2	7.2	7.2	7.1	7.1
	-14.7	-15.0	7.6	7.6	7.6	7.6	7.5	7.5
	-12.6	-13.0	8.0	8.0	8.0	8.0	7.9	7.9
	-10.5	-11.0	8.4	8.4	8.4	8.3	8.3	8.3
	-9.5	-10.0	8.6	8.6	8.6	8.5	8.5	8.5
	-8.5	-9.1	8.8	8.8	8.7	8.7	8.7	8.7
	-7.0	-7.6	9.1	9.0	9.0	9.0	9.0	9.0
	-5.0	-5.6	9.5	9.4	9.4	9.4	9.4	9.4
	-3.0	-3.7	9.8	9.8	9.8	9.8	9.8	9.8
	0.0	-0.7	10.4	10.4	10.4	10.4	10.4	9.8
	3.0	2.2	11.0	11.0	11.0	10.8	10.5	9.8
	5.0	4.1	11.4	11.4	11.2	10.8	10.5	9.8
	7.0	6.0	11.8	11.7	11.2	10.8	10.5	9.8
	9.0	7.9	12.1	11.9	11.2	10.8	10.5	9.8
	11.0	9.8	12.5	11.9	11.2	10.8	10.5	9.8
	13.0	11.8	12.6	11.9	11.2	10.8	10.5	9.8
	15.0	13.7	12.6	11.9	11.2	10.8	10.5	9.8
125	-19.8	-20.0	8.3	8.2	8.2	8.2	8.2	8.2
	-18.8	-19.0	8.5	8.5	8.5	8.5	8.4	8.4
	-16.7	-17.0	9.0	9.0	9.0	8.9	8.9	8.9
	-14.7	-15.0	9.5	9.5	9.5	9.4	9.4	9.4
	-12.6	-13.0	10.0	10.0	10.0	9.9	9.9	9.9
	-10.5	-11.0	10.5	10.5	10.4	10.4	10.4	10.4
	-9.5	-10.0	10.7	10.7	10.7	10.7	10.7	10.6
	-8.5	-9.1	11.0	10.9	10.9	10.9	10.9	10.9
	-7.0	-7.6	11.3	11.3	11.3	11.3	11.3	11.2
	-5.0	-5.6	11.8	11.8	11.8	11.8	11.8	11.7
	-3.0	-3.7	12.3	12.3	12.3	12.2	12.2	12.2
	0.0	-0.7	13.0	13.0	13.0	13.0	13.0	12.2
	3.0	2.2	13.8	13.7	13.7	13.6	13.1	12.2
	5.0	4.1	14.2	14.2	14.0	13.6	13.1	12.2
	7.0	6.0	14.7	14.7	14.0	13.6	13.1	12.2
	9.0	7.9	15.2	14.9	14.0	13.6	13.1	12.2
	11.0	9.8	15.6	14.9	14.0	13.6	13.1	12.2
	13.0	11.8	15.8	14.9	14.0	13.6	13.1	12.2
	15.0	13.7	15.8	14.9	14.0	13.6	13.1	12.2

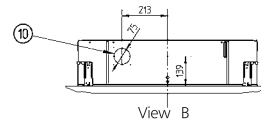
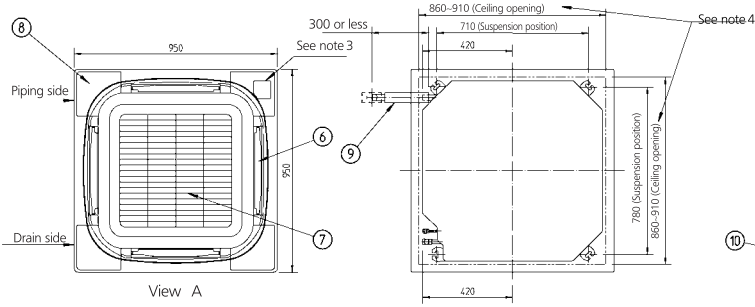
3TW31362-2

7 Dimensional drawings

7 - 1 Dimensional Drawings

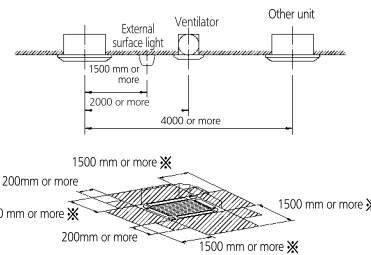
FMCQ50-60A8

Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 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. φ 25, I.D. φ 26
10	Knock out hole	



Model	A	B
FMCQ50	6.35	12.7
FMCQ60	9.52	15.9

6. Please respect the distances as shown on figure below

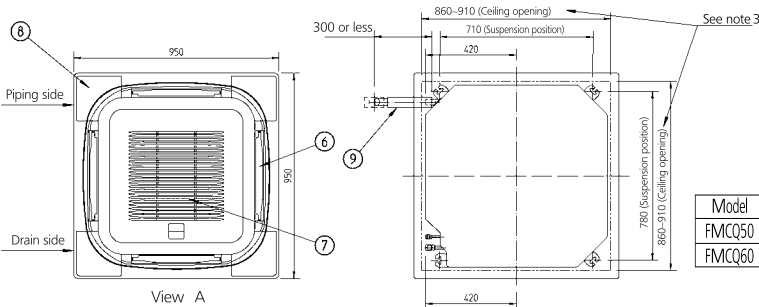


※ In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

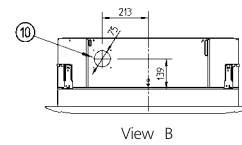
3TW31364-1

FMCQ50-60A8

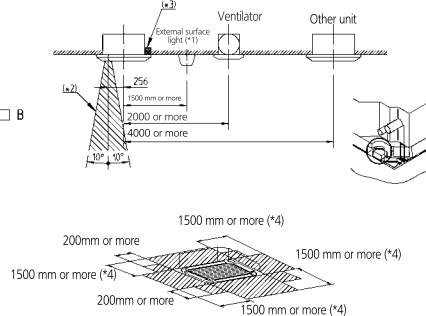
Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 25)
4	Power supply entry hole	
5	Transmission wiring entry hole	
6	Air discharge opening	
7	Air suction grille	
8	Corner decoration cover	
9	Drain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



Model	A	B
FMCQ50	6.35	12.7
FMCQ60	9.52	15.9



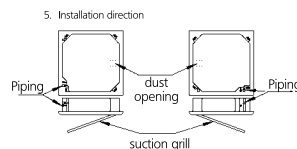
6. Please respect the distances as shown on figure below



(*)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 500mm on the closed side.

3TW32554-1

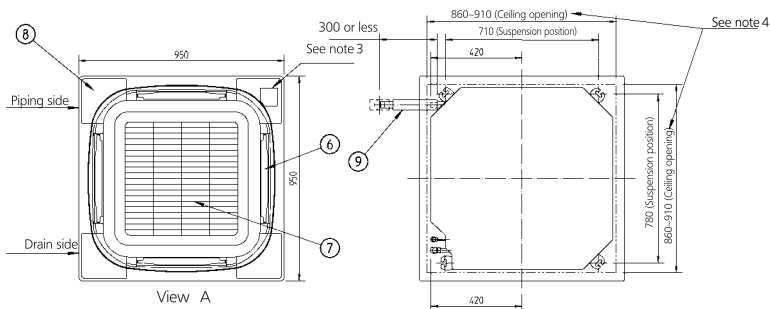
- Notes:**
- Location of the nameplates:
 - Unit body: on the control box cover
 - Decoration panel: on the panel frame at the motor side under the corner cover
 - When installing an optional accessory, refer to the installation drawings
 - For fresh air intake kit an inspection port is necessary
 -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



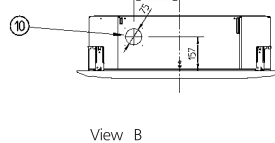
7 Dimensional drawings

7 - 1 Dimensional Drawings

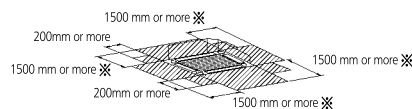
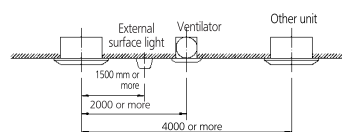
FMCQ71-100A8



Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 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. φ 25, I.D. φ 26
10	Knock out hole	



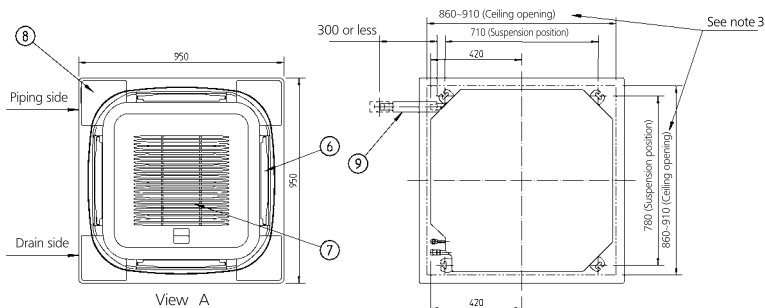
6. Please respect the distances as shown on figure below



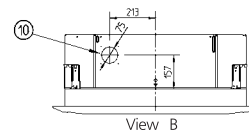
※ In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

3TW31384-1

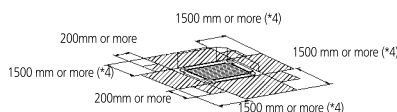
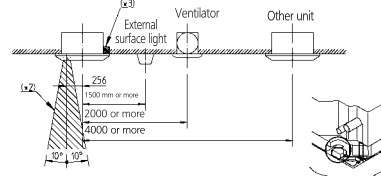
FMCQ71-100A8



Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 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. φ 25, I.D. φ 26
10	Knock out hole	



6. Please respect the distances as shown on figure below



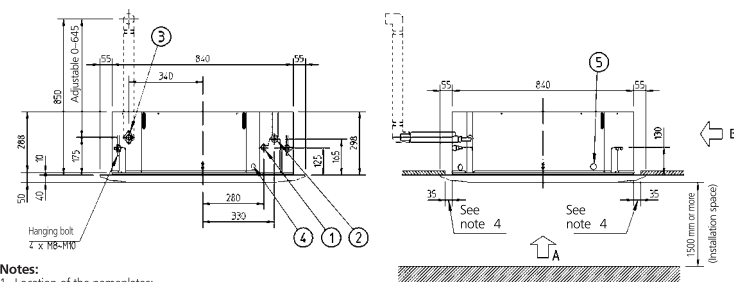
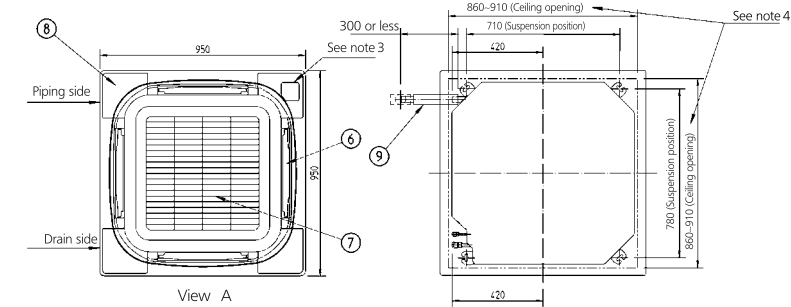
(*1) Does not count for build in light
 (*2) Space needed to enter with vacuum-cleaner tube.
 (*3) Keep the exhaust of decoration panel free.
 (*4) In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

3TW32574-1

7 Dimensional drawings

7 - 1 Dimensional Drawings

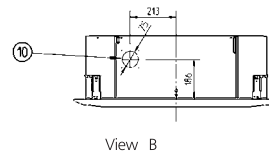
FMCQ125A8



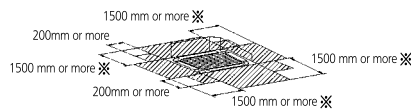
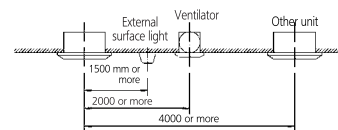
Notes:

- 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
- When installing an optional accessory, refer to the installation drawings
- For fresh air intake kit an inspection port is necessary
- 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.
- Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.
- When the conditions exceed 30°C and RH 80% in the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more).

Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 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. φ 25, I.D. φ 26
10	Knock out hole	



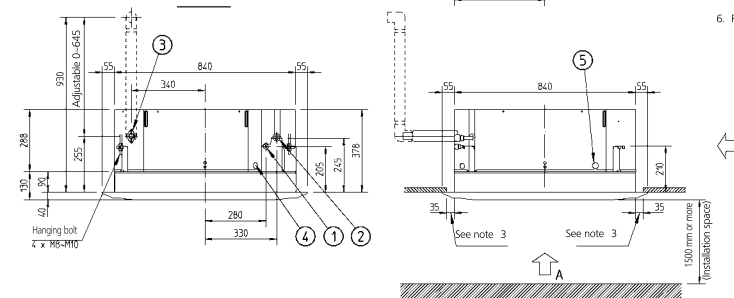
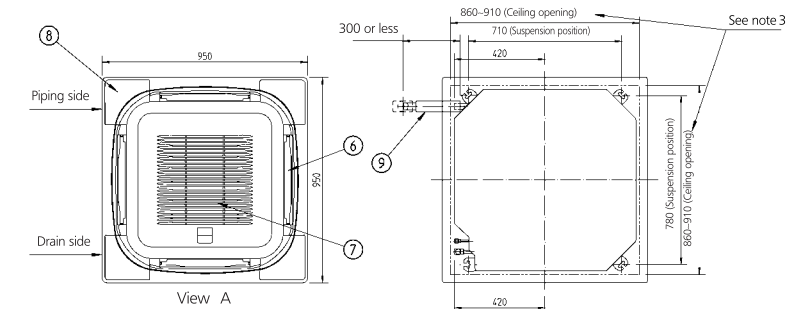
6. Please respect the distances as shown on figure below



※ 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.

3TW31404-1

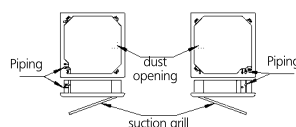
FMCQ125A8



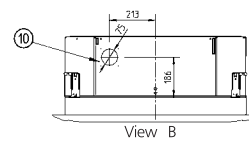
Notes:

- 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
- When installing an optional accessory, refer to the installation drawings
- For fresh air intake kit an inspection port is necessary
- Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.
- 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 10 mm or more).

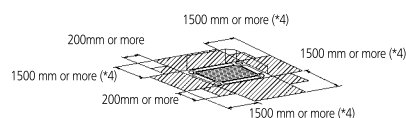
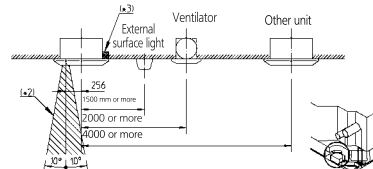
5. Installation direction



Item	Name	Description
1	Liquid pipe connection	φ A Flare connection
2	Gas pipe connection	φ A Flare connection
3	Drain pipe connection	VP25 (O.D. φ 32, I.D. φ 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. φ 25, I.D. φ 26
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 500mm on the closed side.

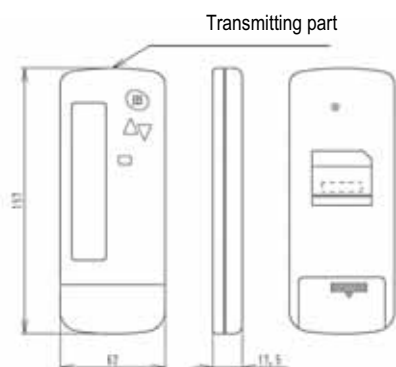
3TW32594-1

7 Dimensional drawings

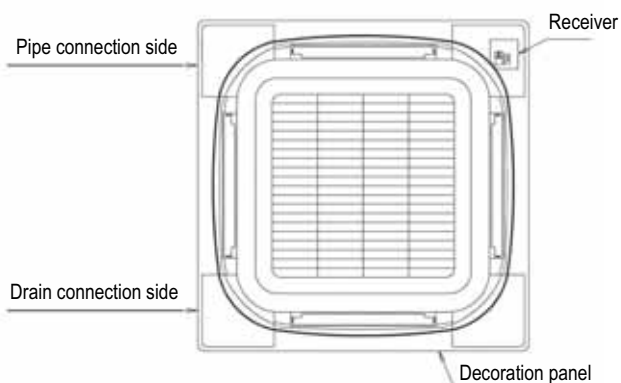
7 - 2 Dimensional Drawings with Accessories

FMCQ50-125A

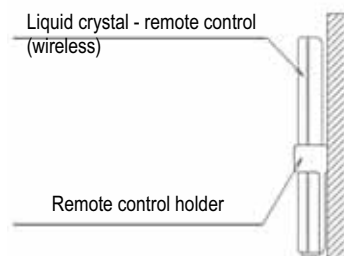
Remote control dimensions



Receiver installation procedure



Remote control holder installation procedure (installation to wall surface)



Receiver detail



Wireless remote control kit for each decoration panel

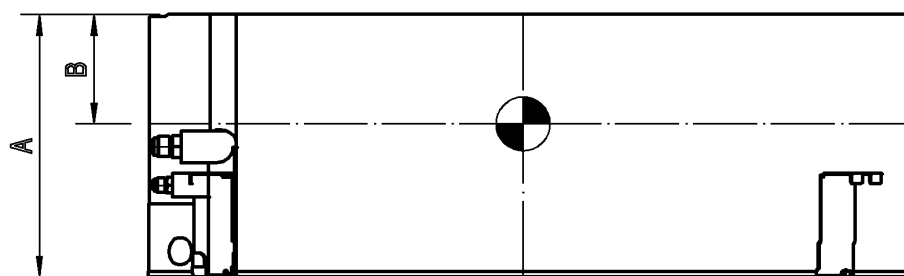
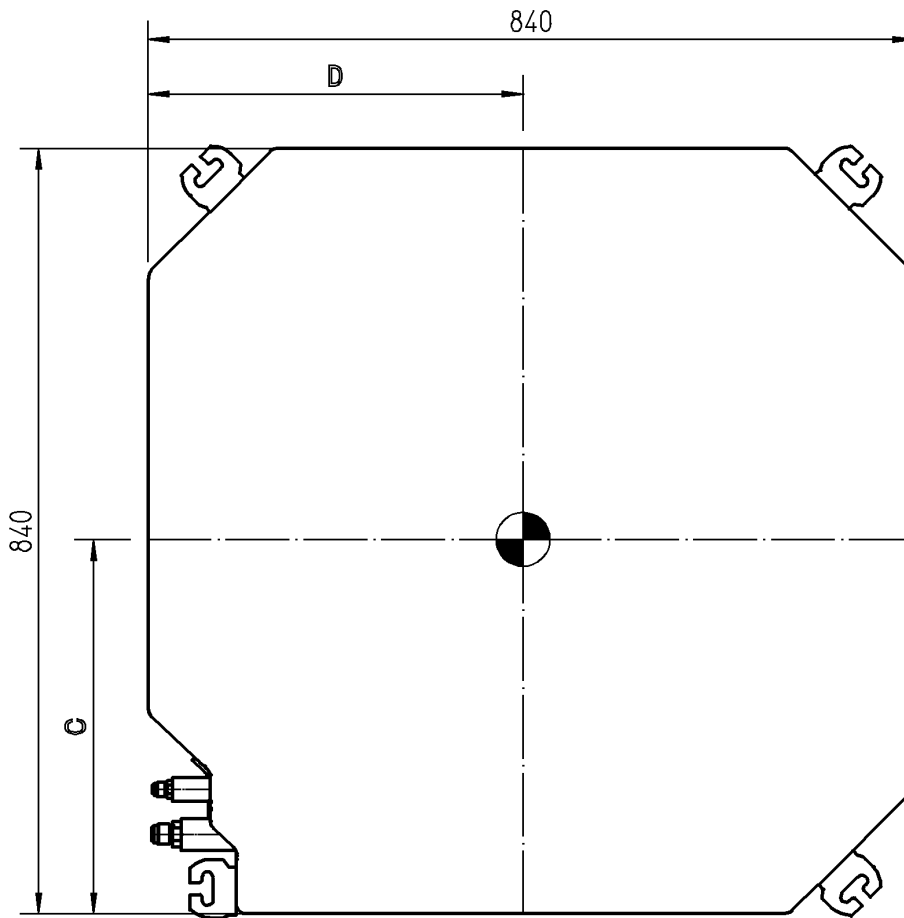
Wireless remote control kit	Decoration panel
BRC7F532F BRC7F533F	BYCQ140CW1

3D056851

8 Centre of gravity

8 - 1 Centre of Gravity

FMCQ-A8



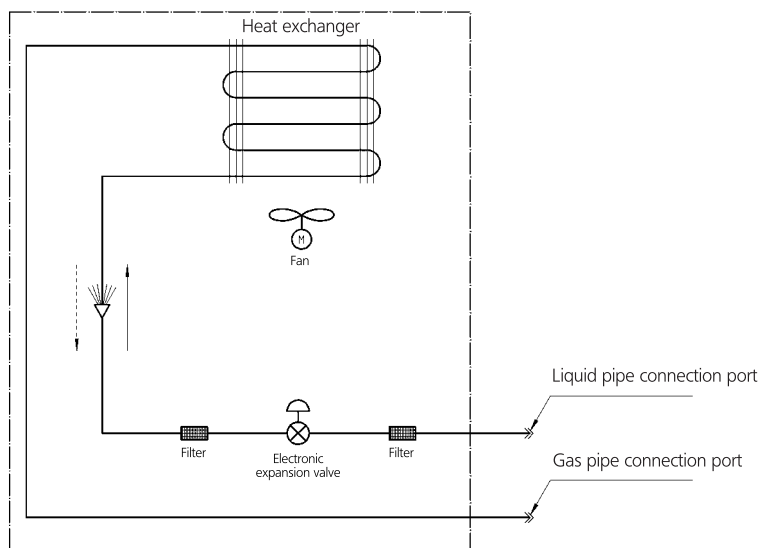
Models	A	B	C	D
FMCQ50,60	202	60	409	358
FMCQ71,100	246	90	411	411
FMCQ125	288	120	420	420

4TW31369-3

9 Piping diagrams

9 - 1 Piping Diagrams

FMCQ-A8



Refrigerant flow

Cooling ———→
Heating - - - - -→

Refrigerant pipe connection port diameters

Model	Gas	Liquid
FMDQ50	φ 12.70	φ 6.35
FMDQ60,71,100,125	φ 15.90	φ 9.52
FMCQ50	φ 12.70	φ 6.35
FMCQ60,71,100,125	φ 15.90	φ 9.52

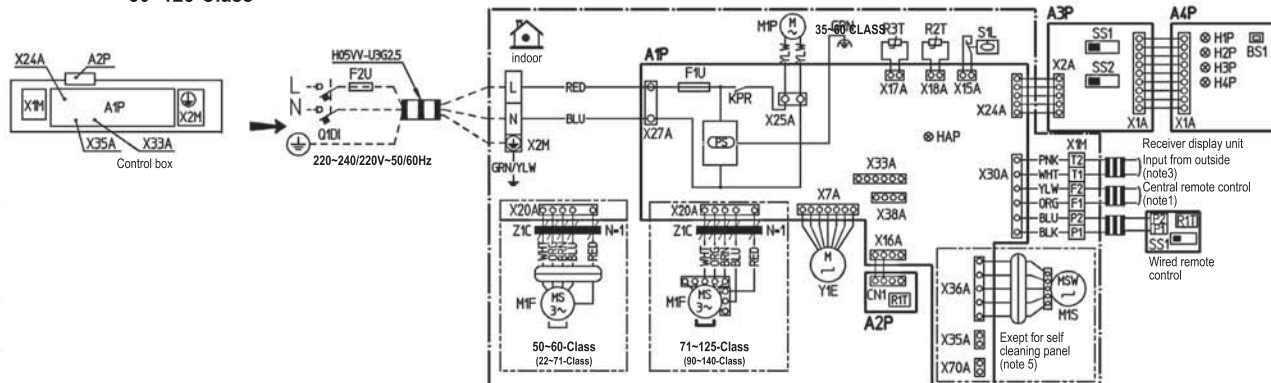
3TW31365-1

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

FMCQ-A8

50~125-Class



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 YLW Yellow BRN Brown
BLK Black GRN Green GRY Grey
WHT White ORG Orange BLU Blue

3TW32466-1

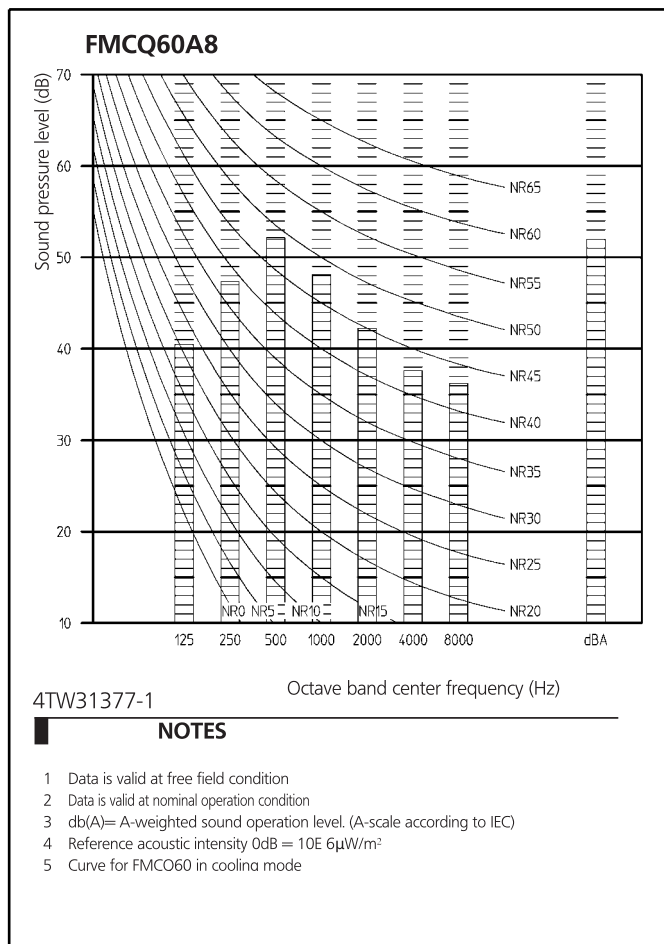
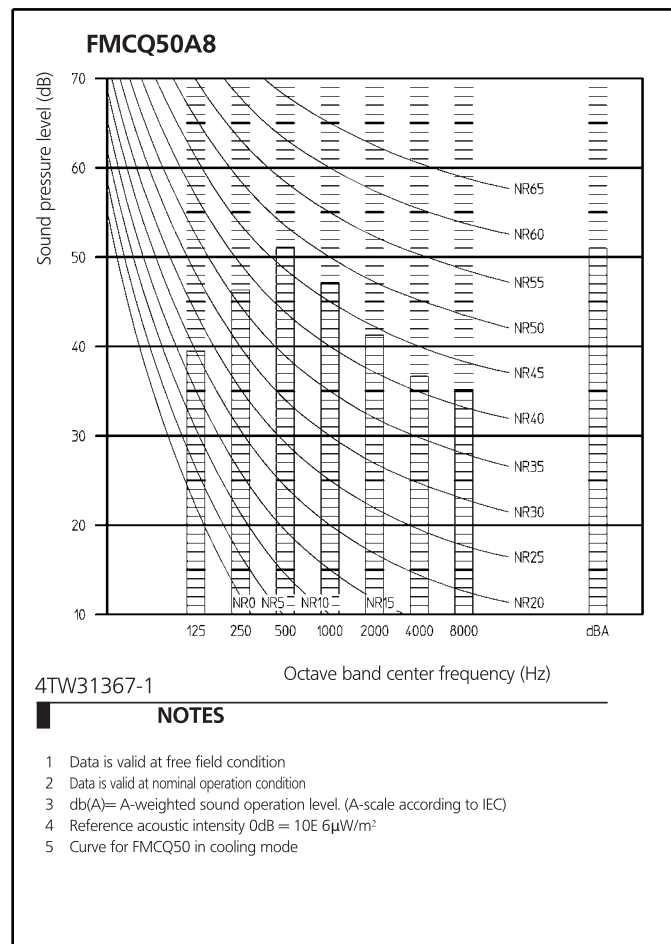
NOTES

- In case of using a central remote control, connect it to the unit in accordance with the attached installation manual.
- X24A, X33A and X35A are connected when the optional accessories are being used.
- 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.
- Confirm the method of setting the selector switch (SS1, SS2) by installation manual and engineering data, etc.
- In case of self cleaning panel follow the self cleaning panel installation instruction.

11 Sound data

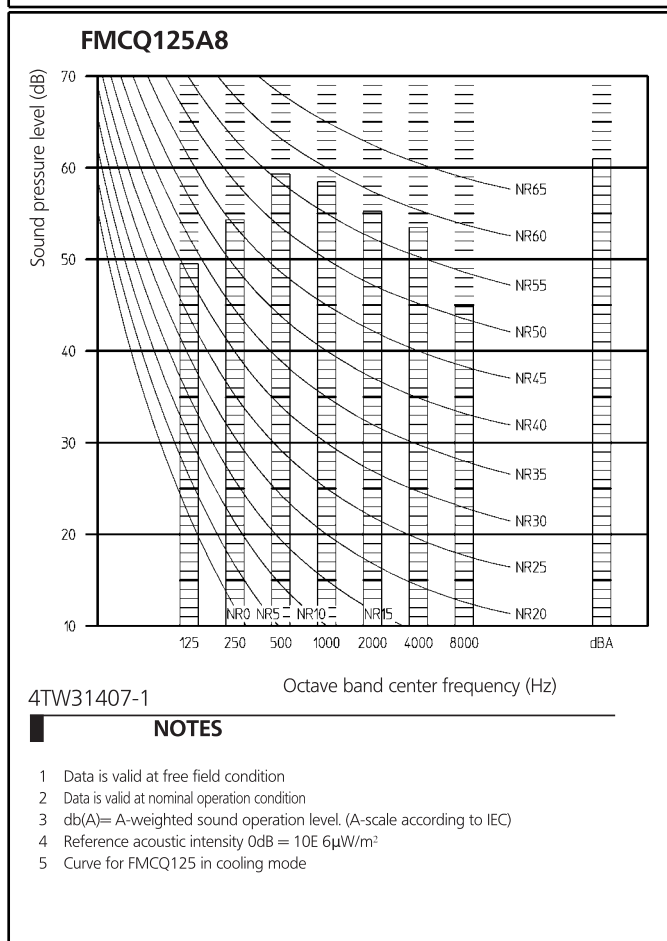
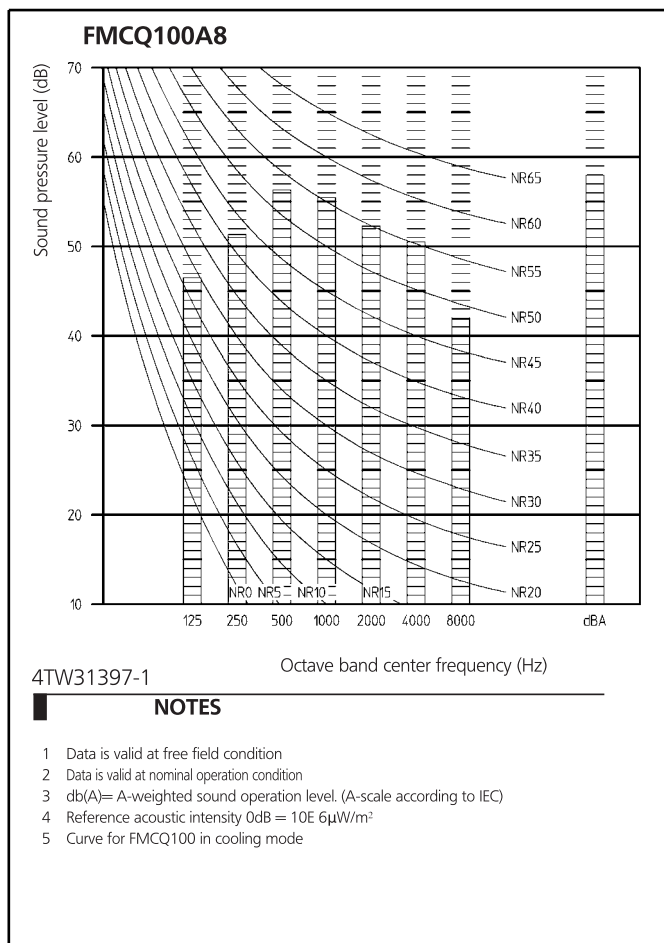
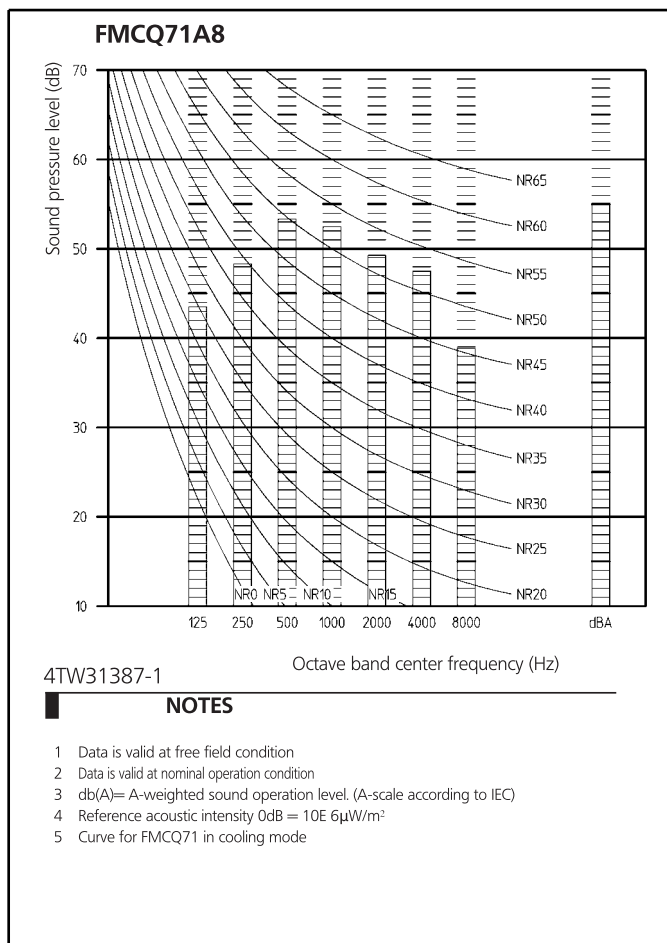
11 - 1 Sound Power Spectrum

11



11 Sound data

11 - 1 Sound Power Spectrum



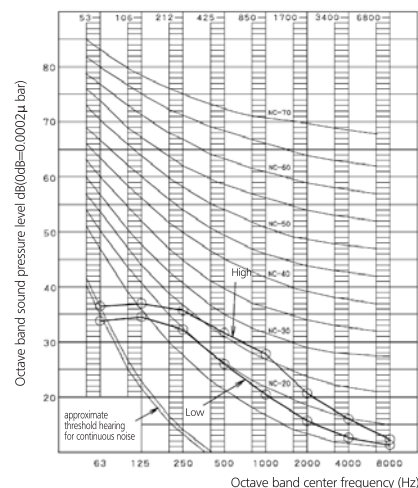
11 Sound data

11 - 2 Sound Pressure Spectrum

11

FMCQ50A8

4D056871



Scale	Mode	
	High	Low
A	33.0	28.0
C	39.0	34.0

NOTES

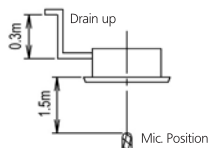
Over all (dB)
(B.G.N is already rectified)
Operating conditions:
• Power source: 220-240V 50Hz/220V 60Hz
• Cooling: Return air temperature: 27°C DB, 19°C WB - Outdoor temperature: 35°C DB, 24°C WB
• Heating: Return air temperature: 20°C DB, 15°C WB - Outdoor temperature: 7°C DB, 6°C WB
• 4 direction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

Power level (dB):

Hi	51
----	----

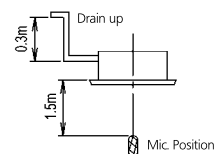
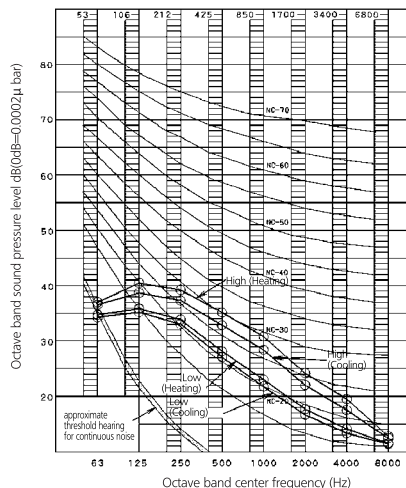
Measuring place: Anechoic chamber
Location of microphone

Note: Operation noise differs with operation and ambient conditions.



FMCQ60A8

4D056872



NOTES

Over all (dB)
(B.G.N is already rectified)
Operating conditions:
• 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.

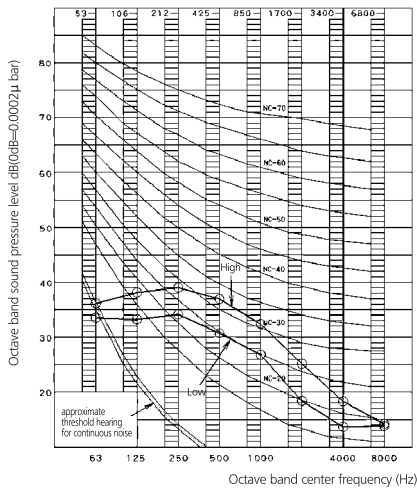
Scale	Mode			
	High		Low	
A	Cooling	Heating	Cooling	Heating
C	34.0	36.0	29.0	30.0
	40.0	42.0	35.0	36.0

11 Sound data

11 - 2 Sound Pressure Spectrum

FMCQ71A8

4D056873



Scale	Mode	
	High	Low
A	38.0	32.0
C	44.0	38.0

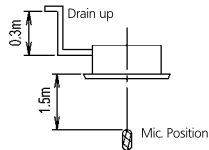
NOTES

Over all (dB)
(B,G,N is already rectified)
Operating conditions:
• 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**

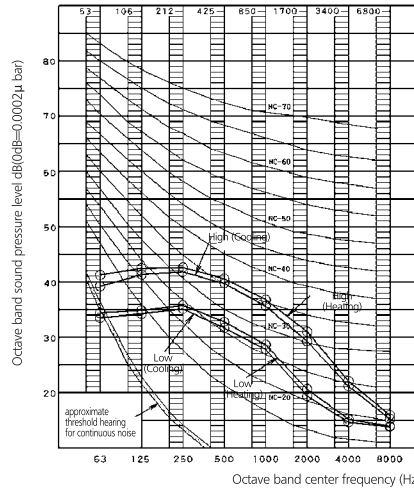
Measuring place: Anechoic chamber
Location of microphone

Note: Operation noise differs with operation and ambient conditions.



FMCQ100A8

4D056874



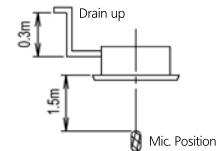
NOTES

Over all (dB)
(B,G,N is already rectified)
Operating conditions:
• 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 58**

Measuring place: Anechoic chamber
Location of microphone

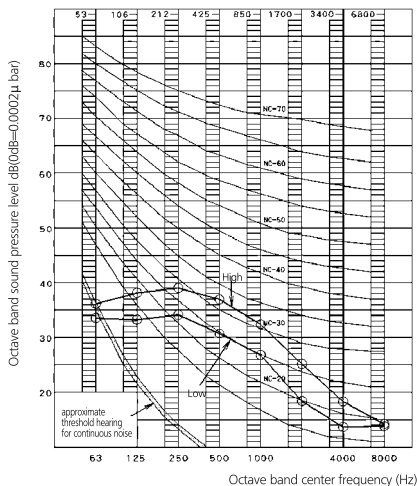
Note: Operation noise differs with operation and ambient conditions.



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

FMCQ125A8

4D056875



Scale	Mode	
	High	Low
A	44.0	34.0
C	50.0	40.0

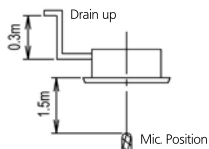
NOTES

Over all (dB)
(B,G,N is already rectified)
Operating conditions:
• 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 61**

Measuring place: Anechoic chamber
Location of microphone

Note: Operation noise differs with operation and ambient conditions.



12 Air flow patterns

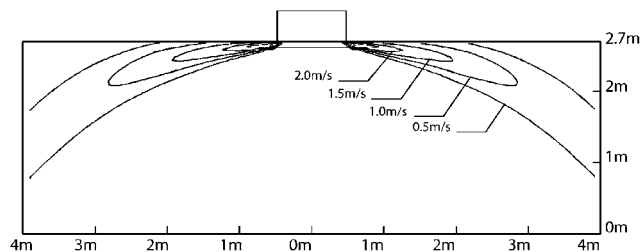
12 - 1 Air Flow Pattern - Cooling

12

FMCQ50A8

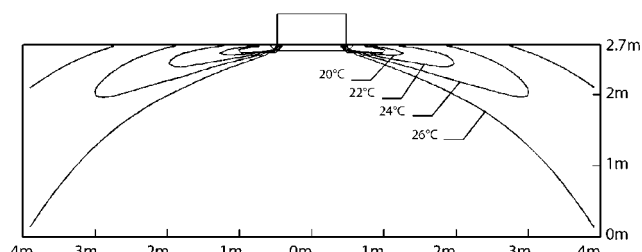
Cooling - air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling - air temperature distribution

All round air discharge, air flow direction: horizontal

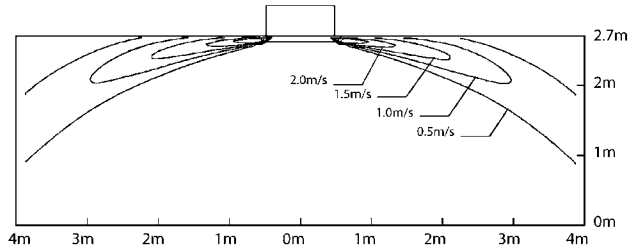


4D057229

FMCQ60A8

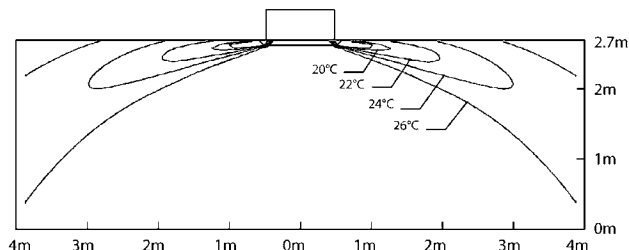
Cooling - air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling - air temperature distribution

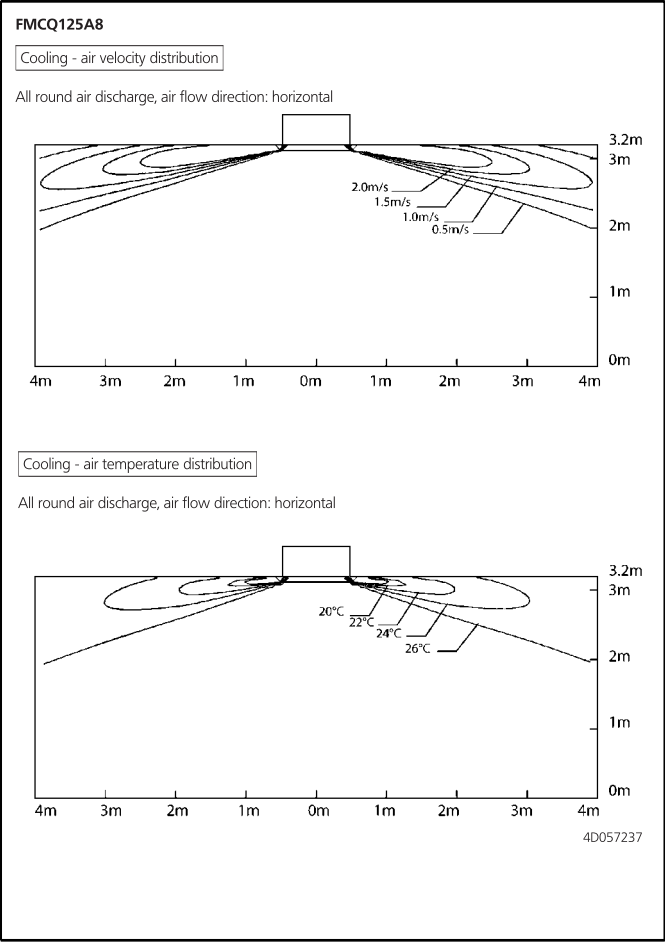
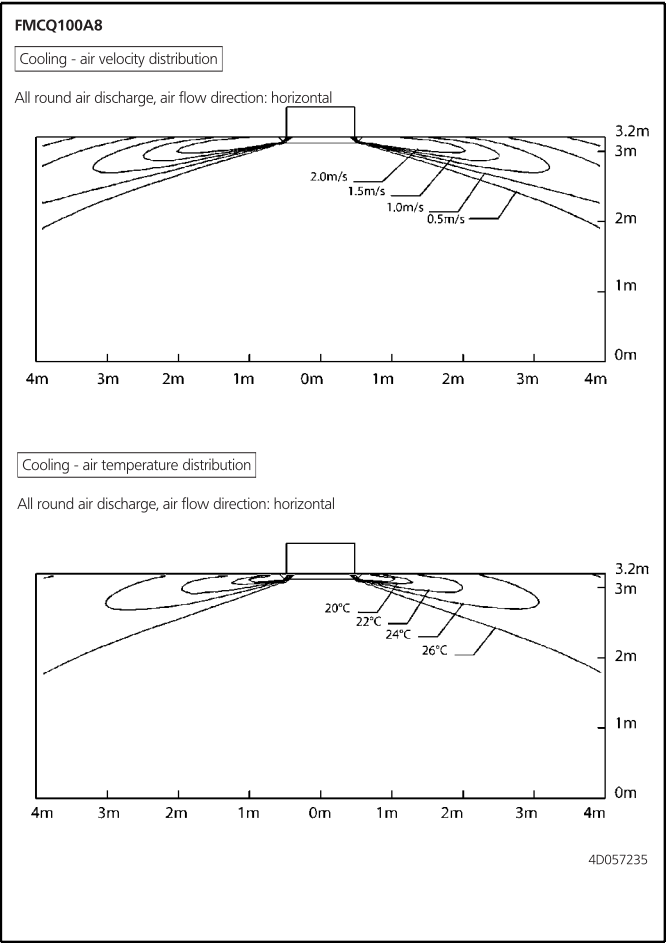
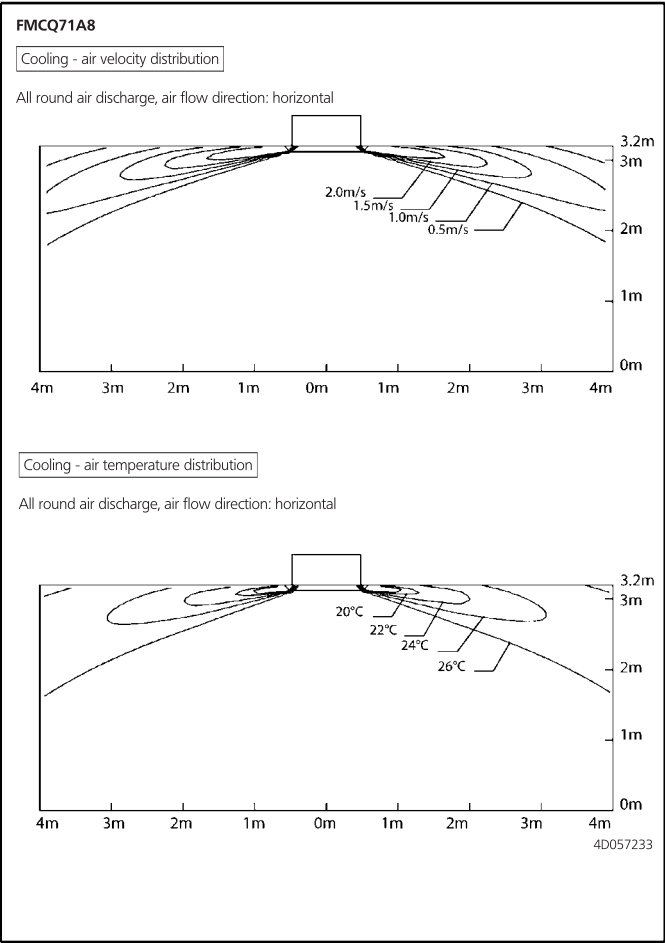
All round air discharge, air flow direction: horizontal



4D057231

12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling



12 Air flow patterns

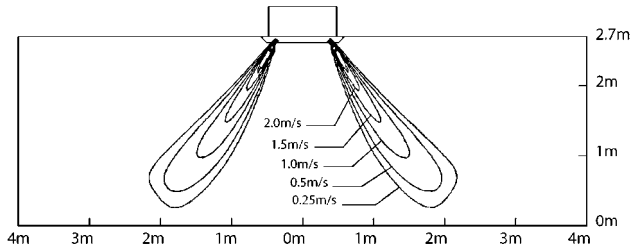
12 - 2 Air Flow Pattern - Heating

12

FMCQ50A8

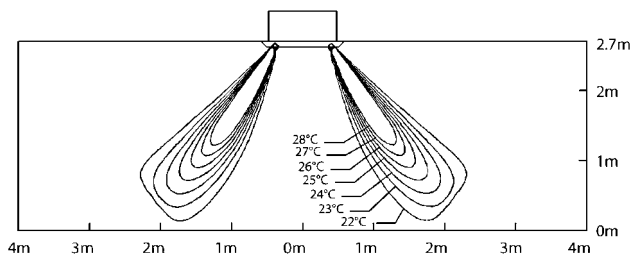
Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



Heating - air velocity distribution

All round air discharge, air flow direction: horizontal

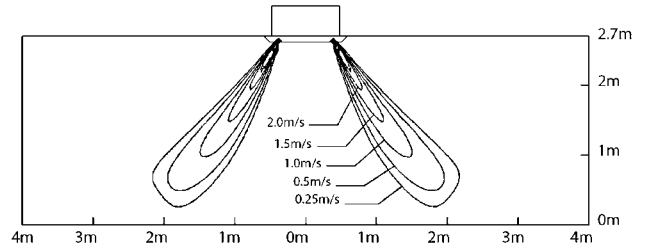


4D057228

FMCQ60A8

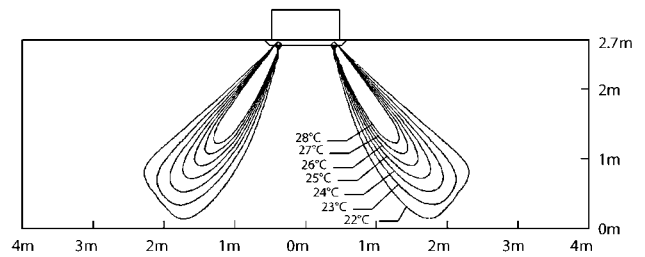
Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



4D057230

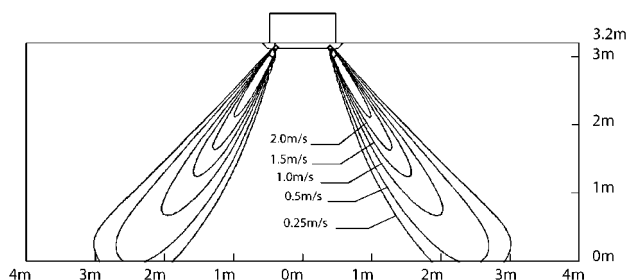
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FMCQ71A8

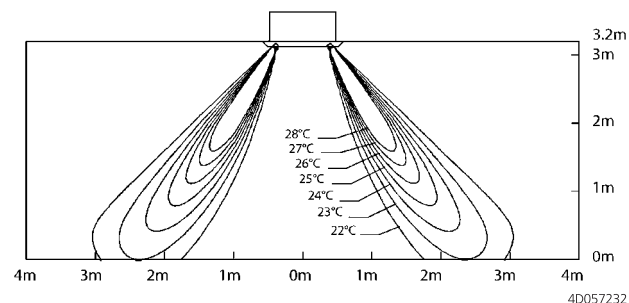
Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



Heating - air velocity distribution

All round air discharge, air flow direction: horizontal

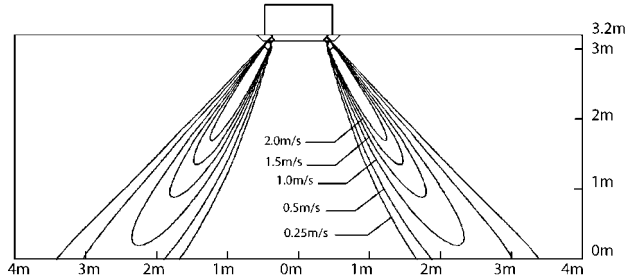


4D057232

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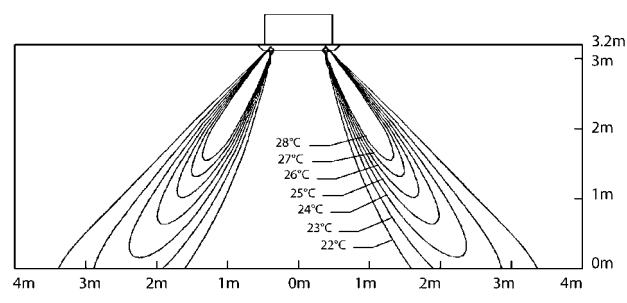
Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



Heating - air velocity distribution

All round air discharge, air flow direction: horizontal

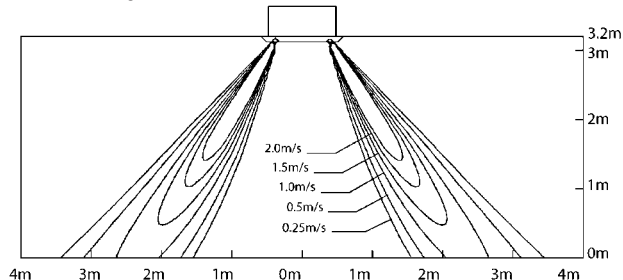


4D057234

FMCQ125A8

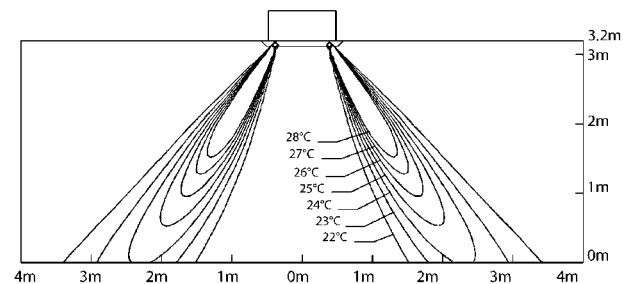
Heating - air velocity distribution

All round air discharge, air flow direction: horizontal



Heating - air velocity 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 wider range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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