

technical data

Concealed Ceiling Unit
FXMQ-PVE

air conditioning systems

R-410A

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R-410A

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1 Specifications

1-1 Technical Specifications				FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE
Capacity	Cooling		kW	4.5	5.6	7.1	9.0	11.2	14.0
	Heating		kW	5.0	6.3	8.0	10.0	12.5	16.0
Power Input (50Hz)	Cooling		kW	0.194	0.215	0.230	0.298	0.376	0.461
	Heating		kW	0.182	0.203	0.218	0.286	0.364	0.449
Power Input (60Hz)	Cooling		kW	0.193	0.214	0.229	0.297	0.375	0.460
	Heating		kW	0.182	0.203	0.218	0.286	0.364	0.449
Casing	Material			Galvanised steel plate					
Dimensions	Unit	Height	mm	300	300	300	300	300	300
		Width	mm	700	1,000	1,000	1,000	1,400	1,400
		Depth	mm	700	700	700	700	700	700
Weight	Unit		kg	28	36	36	36	46	46
Heat Exchanger	Dimensions	Nr of Rows		3	3	3	3	3	3
		Fin Pitch	mm	1.75	1.75	1.75	1.75	1.75	1.75
		Face Area	m²	0.148	0.249	0.249	0.249	0.383	0.383
		Nr of Stages		16	16	16	16	16	16
Fan	Type			Sirocco fan					
Air Flow Rate	Cooling	High high	m³/min	16	18	19.5	25	32	39
		High	m³/min	13	16.5	17.5	22.5	27	33
		Low	m³/min	11	15	16	20	23	28
Fan	External static pressure	High	Pa	160	200	200	200	200	200
		Standard	Pa	100	100	100	100	100	100
		Low	Pa	30	50	50	50	50	50
	Motor	Output (high)	W	140	350	350	350	350	350
		Drive		Direct drive					
Piping connections	Liquid (OD)	Type		Flare connection					
		Diameter	mm	6.35	9.52	9.52	9.52	9.52	9.52
	Gas	Type		Flare connection					
		Diameter	mm	12.7	15.9	15.9	15.9	15.9	15.9
	Drain	Diameter	mm	VP25 (I.D. 32/O.D. 25)					
Refrigerant control				Electronic expansion valve					
Temperature control				Microprocessor thermostat for cooling and heating					
Safety devices				Fuse					
				Fan driver overload protector					
Standard Accessories				Operation manual					
				Installation manual					
				Drain hose					
				Sealing pads					
				Clamps					
				Washer					
				Screws					
				Insulation for fitting					
				Clamp metal					
				Air discharge flange					
				Air suction flange					
				Notes				Nominal cooling capacities are based on following conditions: return air temperature: 27°CDB/19°CWB; outdoor temperature: 35°CDB; standard external static pressure: 100Pa; equivalent refrigerant piping: 7.5m (horizontal)	
Nominal heating capacities are based on following conditions: return air temperature: 20°CDB; outdoor temperature: 7°CDB/6°CWB; standard external static pressure: 100Pa; equivalent refrigerant piping: 7.5m (horizontal)									
Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.									
External static pressure is changeable in 13 or 14 stages within the () range by the remote control.									
Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its colorimetric method(gravity method) 50% or more.									

1 Specifications

1-2 Electrical Specifications (50Hz)			FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE
Power Supply	Name		VE					
	Phase		1~					
	Frequency	Hz	50					
	Voltage	V	220-240					
Current	Minimum circuit amps (MCA)	A	1.4	1.6	1.8	2.3	2.9	3.4
	Maximum fuse amps (MFA)	A	16	16	16	16	16	16
	Full load amps (FLA)	A	1.1	1.3	1.4	1.8	2.3	2.7
Voltage range	Minimum	V	-10%					
	Maximum	V	+10%					
Notes			Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.					
			Maximum allowable voltage range variation between phases is 2%.					
			MCA/MFA : MCA = 1.25 x FLA					
			MFA is smaller than or equal to 4 x FLA					
			Next lower standard fuse rating minimum 16A					
			Select wire size based on the MCA					
			Instead of a fuse, use a circuit breaker					

1-3 Electrical Specifications (60Hz)			FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE
Power Supply	Name		VE					
	Phase		1~					
	Frequency	Hz	60					
	Voltage	V	220	220	220	220	220	220
Current	Minimum circuit amps (MCA)	A	1.4	1.6	1.8	2.3	2.9	3.4
	Maximum fuse amps (MFA)	A	16	16	16	16	16	16
	Full load amps (FLA)	A	1.1	1.3	1.4	1.8	2.3	2.7
Voltage range	Minimum	V	-10%					
	Maximum	V	+10%					
Notes			Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.					
			Maximum allowable voltage range variation between phases is 2%.					
			MCA/MFA : MCA = 1.25 x FLA					
			MFA is smaller than or equal to 4 x FLA					
			Next lower standard fuse rating minimum 16A					
			Select wire size based on the MCA					
			Instead of a fuse, use a circuit breaker					

2 Safety device settings

FXMQ-P

	Safety devices	40	50	63	80	100	125
FXMQ-PVE	PC board fuse	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
	PC board fuse (Fan driver)	250V 5A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A
	Drain pump thermal fuse	145	145	145	145	145	145

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3 Options

FXMQ-P

Item	Model	DUCT TYPE					
		FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE
High efficiency filter	65%	KAF372AA56	KAF372AA80			KAF372AA160	
	90%	KAF373AA56	KAF373AA80			KAF373AA160	
Filter chamber		KDDF37AA56	KDDF37AA80			KDDF37AA160	
long life replacement filter		KAF371AA56	KAF371AA80			KAF371AA160	
Long life replacement filter chamber kit		KAF375AA56	KAF375AA80			KAF375AA160	
Service panel		KTBJ25K56W	KTBJ25K80W			KTBJ25K160W	
		KTBJ25K56F	KTBJ25K80F			KTBJ25K160F	
		KTBJ25K56T	KTBJ25K80T			KTBJ25K160T	
Air discharge adapter		KDAJ25K56A	KDAJ25K80A			KDAJ25K160A	

NOTE

- See the latest for the modification marks

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4 Control systems

FXMQ-P

No.	Type			FXMQ~PVE
1	Remote control	Wireless	H/P	BRC4C65
			C/O	BRC4C66
		Wired		BRC1D52/BRC1D61 ⁴
2	Simplified remote control			BRC2C51
3	Remote control for hotel use			BRC3A61
4	Adaptor for wiring			★KRP1C64
5-1	Wiring adaptor for electrical appendices (1)			★KRP2A61
5-1	Wiring adaptor for electrical appendices (2)			★KRP4AA51
6	Remote sensor			KRCS01-4B
7	Mounting plate for adapter PCB			Note 2, 3 KRP4A96
8	Central remote control			DCS302C51/DCS302CA61 ⁴
8-1	Residential central remote control			DCS303A51 ^{4,5}
8-2	Electrical box with earth terminal (3 blocks)			KJB311A
9	Unified on/off control			DCS301B51/DCS301BA61 ⁴
9-1	Electrical box with earth terminal (2 blocks)			KJB212A
9-2	Noise filter (for electromagnetic interface use only)			KEK26-1A
10	Schedule timer			DST301B51/DST301BA61 ⁴
11	External control adaptor for outdoor unit (Must be installed on indoor units)			★DTA104A61

NOTES

- 1 Mounting plate (No.7) is necessary for each adapter marked ★.
- 2 Up to 2 adapters can be fixed for each mounting plate.
- 3 Only one mounting plate can be installed for each indoor unit.
- 4 For DAME only
- 5 For residential use only. Cannot be used with other centralised control equipment.

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5 Capacity tables

5 - 1 Cooling capacity tables

FXMQ-P

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
40	4.5	10.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.7	4.0
		12.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.6	4.0
		14.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.5	4.0
		16.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.4	3.9	5.5	3.9
		18.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.3	3.9	5.4	3.9
		20.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.2	3.8	5.3	3.9
		21.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.2	3.8	5.3	3.8
		23.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.1	3.8	5.2	3.8
		25.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.0	3.7	5.1	3.8
		27.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	5.0	3.7	5.1	3.7
		29.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.8	3.8	4.9	3.7	5.0	3.7
		31.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.7	3.8	4.8	3.6	4.9	3.6
		33.0	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.6	3.7	4.7	3.6	4.8	3.6
		35.0	3.0	2.9	3.6	3.4	4.2	3.2	4.5	3.8	4.6	3.7	4.7	3.5	4.8	3.6
		37.0	3.0	2.9	3.6	3.4	4.2	3.2	4.4	3.8	4.5	3.6	4.6	3.5	4.7	3.5
		39.0	3.0	2.9	3.6	3.4	4.2	3.2	4.4	3.7	4.4	3.6	4.5	3.4	4.6	3.5
50	5.6	10.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	7.1	4.3
		12.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	7.0	4.3
		14.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	6.9	4.2
		16.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.7	4.8	6.8	4.1
		18.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.6	4.7	6.7	4.1
		20.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.5	4.7	6.6	4.0
		21.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.4	4.6	6.6	4.0
		23.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.4	4.6	6.5	4.0
		25.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.3	4.5	6.4	3.9
		27.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	6.0	4.6	6.2	4.5	6.3	3.8
		29.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.9	4.6	6.1	4.4	6.2	3.8
		31.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.9	4.6	6.0	4.4	6.1	3.7
		33.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.8	4.5	5.9	4.3	6.0	3.7
		35.0	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.7	4.5	5.8	4.3	5.9	3.6
		37.0	3.8	3.6	4.5	4.1	5.2	4.5	5.5	4.6	5.6	4.4	5.7	4.2	5.8	3.6
		39.0	3.8	3.6	4.5	4.1	5.2	4.5	5.4	4.5	5.5	4.4	5.6	4.2	5.8	3.5
63	7.1	10.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	9.0	6.4
		12.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.9	6.3
		14.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.7	6.3
		16.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.5	5.8	8.6	6.3
		18.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.3	5.8	8.5	6.2
		20.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.2	5.7	8.4	6.2
		21.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.2	5.7	8.3	6.2
		23.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	8.1	5.6	8.2	6.1
		25.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	7.9	5.6	8.1	6.1
		27.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.6	5.6	7.8	5.5	8.0	6.1
		29.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.5	5.6	7.7	5.4	7.9	6.0
		31.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.4	5.5	7.6	5.4	7.8	6.0
		33.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.3	5.5	7.5	5.3	7.6	5.9
		35.0	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.2	5.4	7.4	5.3	7.5	5.9
		37.0	4.8	4.2	5.7	4.9	6.6	5.4	7.0	5.5	7.1	5.4	7.2	5.2	7.4	5.9
		39.0	4.8	4.2	5.7	4.9	6.6	5.4	6.9	5.4	7.0	5.3	7.1	5.1	7.3	5.8
80	9.0	10.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.4	7.4
		12.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.2	7.4
		14.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.8	7.4	11.1	7.3
		16.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.7	7.4	10.9	7.2
		18.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.6	7.3	10.8	7.2
		20.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.4	7.2	10.6	7.1
		21.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.4	7.2	10.6	7.1
		23.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.2	7.1	10.4	7.0
		25.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	10.1	7.0	10.3	6.9
		27.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.6	7.1	9.9	7.0	10.1	6.9
		29.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.5	7.1	9.8	6.9	10.0	6.8
		31.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.4	7.0	9.6	6.8	9.8	6.7
		33.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.3	7.0	9.5	6.7	9.7	6.7
		35.0	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.1	6.9	9.3	6.6	9.5	6.6
		37.0	6.1	5.3	7.2	6.1	8.4	6.9	8.9	6.9	9.0	6.8	9.2	6.6	9.4	6.5
		39.0	6.1	5.3	7.2	6.1	8.4	6.9	8.7	6.8	8.8	6.7	9.0	6.5	9.3	6.5

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5 Capacity tables

5 - 1 Cooling capacity tables

FXMQ-P																
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
100	11.2	10.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	14.2	8.9
		12.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	14.0	8.9
		14.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.4	9.0	13.8	8.8
		16.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.3	9.0	13.6	8.7
		18.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.2	8.9	13.4	8.6
		20.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	13.0	8.8	13.2	8.5
		21.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.9	8.8	13.2	8.5
		23.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.7	8.7	13.0	8.4
		25.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.5	8.6	12.8	8.3
		27.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.7	12.3	8.5	12.6	8.2
		29.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.9	8.6	12.2	8.4	12.4	8.1
		31.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.7	8.5	12.0	8.3	12.2	8.0
		33.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.5	8.5	11.8	8.2	12.1	7.9
		35.0	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.3	8.4	11.6	8.1	11.9	7.8
		37.0	7.6	6.4	9.0	7.3	10.5	8.3	11.0	8.4	11.2	8.3	11.4	8.0	11.7	7.7
		39.0	7.6	6.4	9.0	7.3	10.5	8.3	10.8	8.3	11.0	8.2	11.2	7.9	11.5	7.6
125	14.0	10.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.7	11.1
		12.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.5	11.0
		14.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.2	10.9
		16.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.7	11.1	17.0	10.8
		18.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.4	11.0	16.8	10.7
		20.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.2	10.9	16.6	10.6
		21.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	16.1	10.9	16.4	10.5
		23.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.9	10.8	16.2	10.4
		25.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.6	10.6	16.0	10.3
		27.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.8	15.4	10.5	15.8	10.2
		29.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.9	10.7	15.2	10.4	15.5	10.1
		31.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.6	10.6	15.0	10.3	15.3	10.0
		33.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.4	10.5	14.7	10.2	15.1	9.8
		35.0	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.2	10.4	14.5	10.1	14.9	9.7
		37.0	9.4	8.0	11.3	9.2	13.1	10.3	13.8	10.4	13.9	10.3	14.3	10.0	14.6	9.6
		39.0	9.4	8.0	11.3	9.2	13.1	10.3	13.5	10.3	13.7	10.2	14.1	9.9	14.4	9.5

CA08A050

5 Capacity tables

5 - 2 Heating capacity tables

FXMQ-P

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

Unit size	Nominal capacity	Outdoor air temp.		Indoor air temperature					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	KW	KW	KW	KW	KW	KW
40	5.0	-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	6.3	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.7
		-18.8	-19.0	3.8	3.8	3.8	3.8	3.8	3.8
		-16.7	-17.0	4.1	4.0	4.0	4.0	4.0	4.0
		-14.7	-15.0	4.3	4.3	4.3	4.2	4.2	4.2
		-12.6	-13.0	4.5	4.5	4.5	4.5	4.5	4.5
		-10.5	-11.0	4.7	4.7	4.7	4.7	4.7	4.7
		-9.5	-10.0	4.8	4.8	4.8	4.8	4.8	4.8
		-8.5	-9.1	4.9	4.9	4.9	4.9	4.9	4.9
		-7.0	-7.6	5.1	5.1	5.1	5.1	5.1	5.1
		-5.0	-5.6	5.3	5.3	5.3	5.3	5.3	5.3
		-3.0	-3.7	5.5	5.5	5.5	5.5	5.5	5.5
		0.0	-0.7	5.9	5.9	5.8	5.8	5.8	5.5
		3.0	2.2	6.2	6.2	6.2	6.1	5.9	5.5
		5.0	4.1	6.4	6.4	6.3	6.1	5.9	5.5
		7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5
		9.0	7.9	6.8	6.7	6.3	6.1	5.9	5.5
		11.0	9.8	7.0	6.7	6.3	6.1	5.9	5.5
		13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
		15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
63	8.0	-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	10.0	-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

CA08A056

5 Capacity tables

5 - 2 Heating capacity tables

FXMQ-P									
Unit size	Nominal capacity	Outdoor air temp.		Indoor air temperature					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	KW	KW	KW	KW	KW	KW
100	12.5	-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	16.0	-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

CA08A056

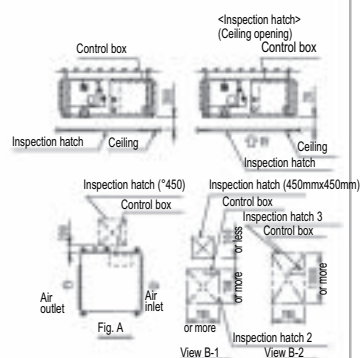
6 - 1 Dimensional drawing

NOTES

- ### Space for Service Works

According to any one of below 1) - 3), secure a space for service works, such as, checking and maintenance of control box and drain pumps, etc.

- 1) One inspection hatch (450x450) on the control box side and a space of 300mm or more under the unit. (Fig.A)
- 2) One inspection hatch (450x450) on the control box side and 2 (two) inspection hatches under the unit (Arrow view B-1)
- 3) 3 (three) inspection hatches under the unit and the control box. (Arrow view B-2)



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

3D060160

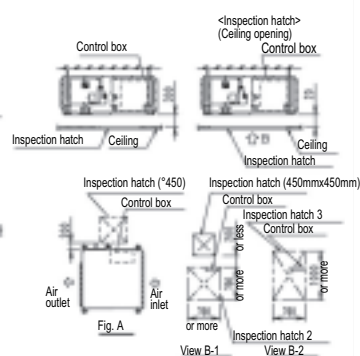
NOTES

- 1 Location of MANUFACTURE'S LABEL: Control box 4 surface
- 2 Mount the air filter at the suction side.
(Select its color/method (gravity method) 50% or more)
- 3 Do not locate things should not be wet under the indoor unit.
Dews may droop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

Space for Service Works

According to any one of below 1) - 3), secure a space for service works, such as, checking and maintenance of control box and drain pumps, etc.

- 1) One inspection hatch (450x450) on the control box side and a space of 300mm or more under the unit. (Fig.A)
- 2) One inspection hatch (450x450) on the control box side and 2 (two) inspection hatches under the unit (Arrow view B-1)
- 3) 3 (three) inspection hatches under the unit and the control box. (Arrow view B-2)



12	Drain hose (accessory)	O.D. ø 32 (outlet)
11	Socket (for maintenance)	VP25 (O.D. ø 32 /I.D. ø 25)
10	Hook	For M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Control box (inside)	
4	Ground terminal (in control box)	M4
3	Drain pipe connection	VP25 (O.D. ø 32 /I.D. ø 25)
2	Gas pipe connection	ø 15.9 flange connection
1	Liquid pipe connection	ø 9.5 flange connection
ITEM	PART NAME	REMARK

3D060161

6 Dimensional drawing & centre of gravity

6 - 1 Dimensional drawing

FXMQ100,125P

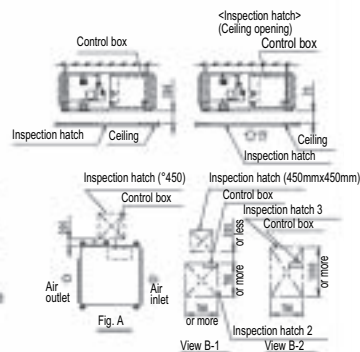
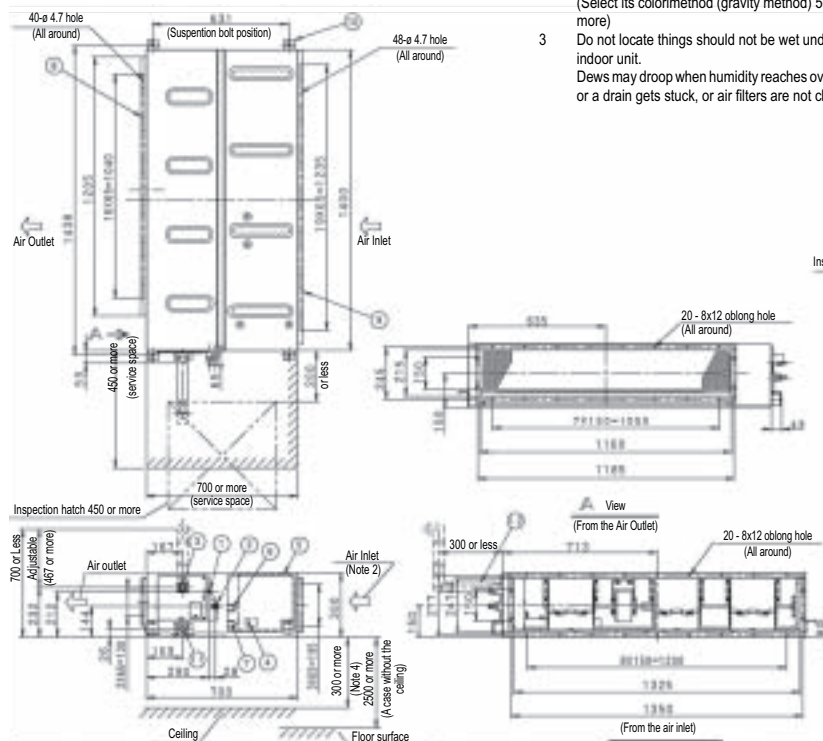
NOTES

- 1 Location of MANUFACTURE'S LABEL:
Control box surface
- 2 Mount the air filter at the suction side.
(Select its colorimethod (gravity method) 50% or more)
- 3 Do not locate things should not be wet under the indoor unit.
Dews may droop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

4 Space for Service Works

According to any one of below 1) - 3), secure a space for service works, such as, checking and maintenance of control box and drain pumps, etc.

- 1) One inspection hatch (450x450) on the control box side and a space of 300mm or more under the unit. (Fig.A)
- 2) One inspection hatch (450x450) on the control box side and 2 (two) inspection hatches under the unit (Arrow view B-1)
- 3) 3 (three) inspection hatches under the unit and the control box. (Arrow view B-2)



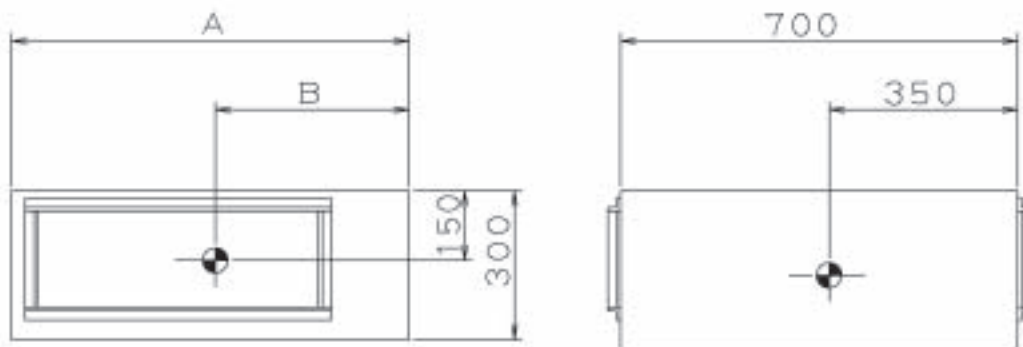
12	Drain hose (accessory)	O.D. ø 32 (outlet)
11	Socket (for maintenance)	VP25 (O.D. ø 32 / I.D. ø 25)
10	Hook	For M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Control box (inside)	
4	Ground terminal (in control box)	M4
3	Drain pipe connection	VP25 (O.D. ø 32 / I.D. ø 25)
2	Gas pipe connection	ø 15.9 flange connection
1	Liquid pipe connection	ø 9.5 flange connection
ITEM	PART NAME	REMARK

3D060162

6 Dimensional drawing & centre of gravity

6 - 2 Centre of gravity

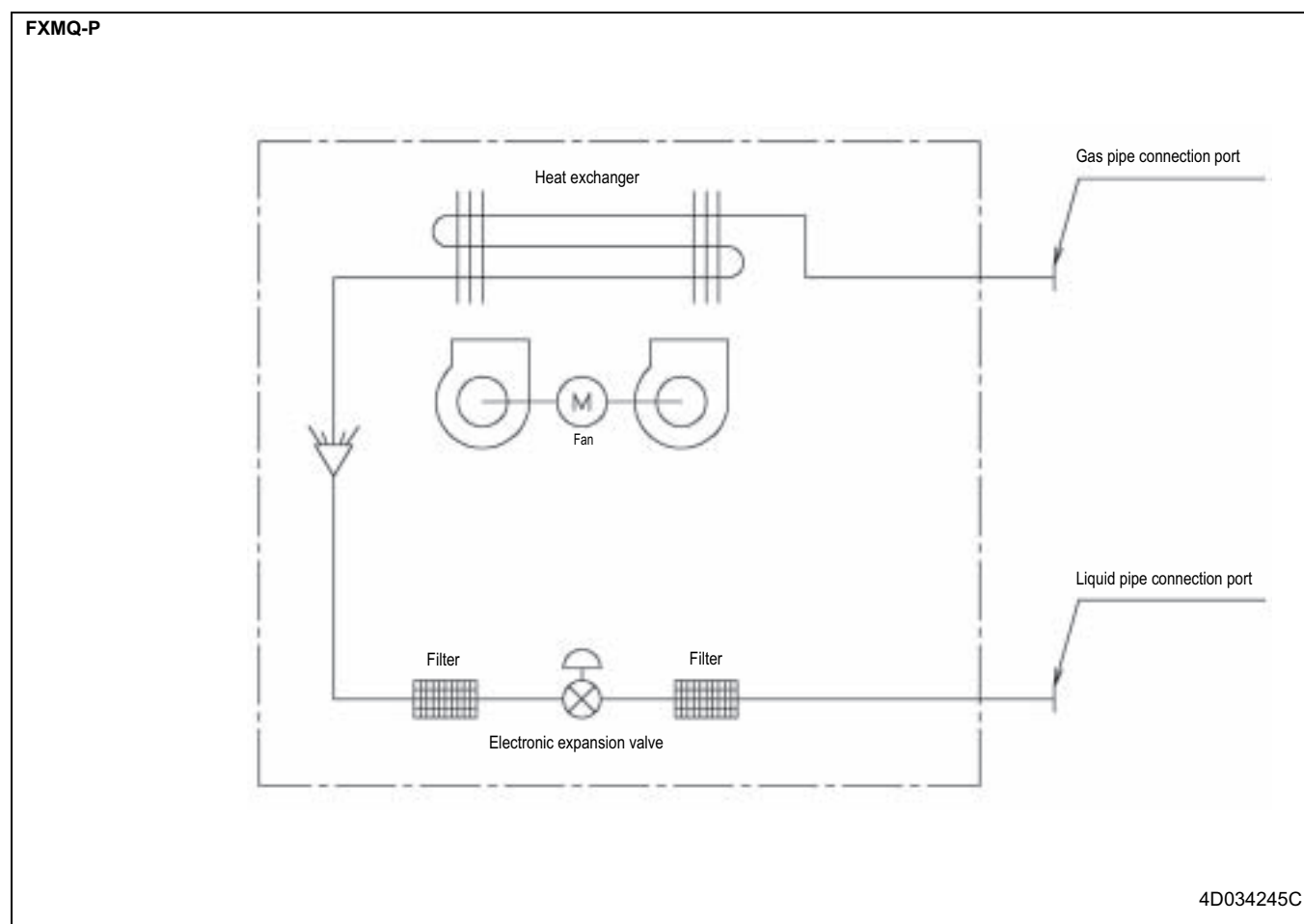
FXMQ-P



MODEL NAME	A	B
FXMQ40P	700	280
FXMQ50•63•80P	1000	460
FXMQ100•125P	1400	600

4D060438

7 Piping diagram

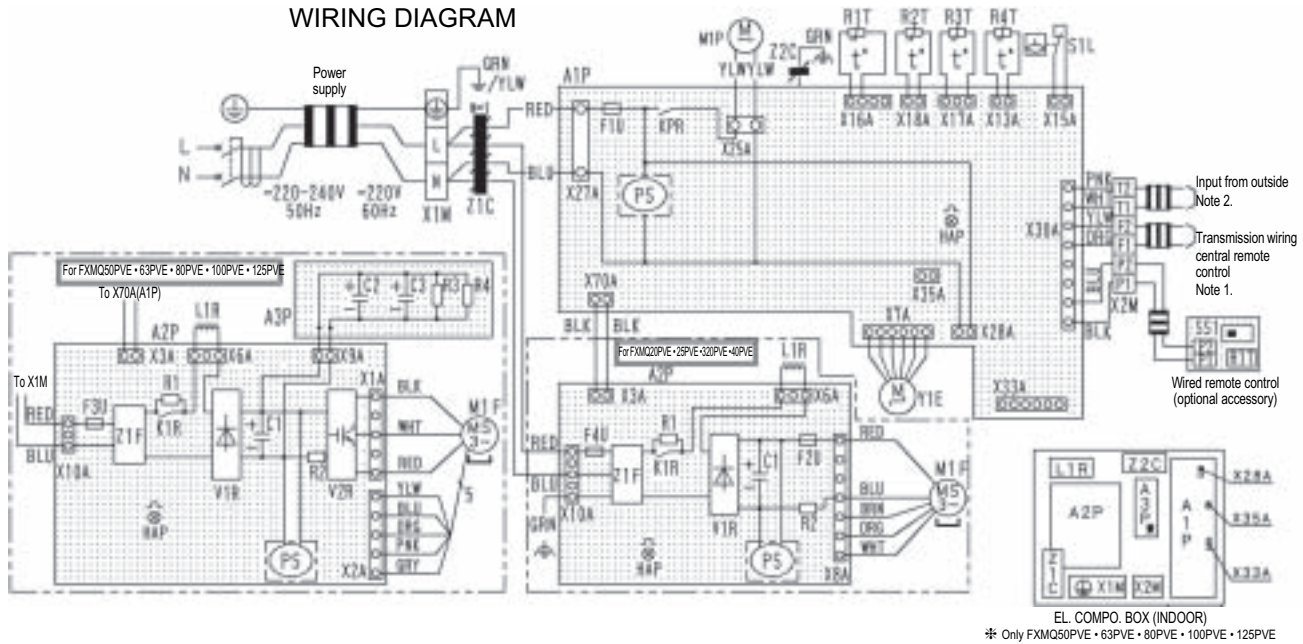


8 Wiring diagram

8 - 1 Wiring diagram

FXMQ-P

WIRING DIAGRAM



Indoor unit				Connector optional accessory	
A1P	Printed circuit board	R1	Resistor (current limiting)	X28A	Connector (power supply for wiring)
A2P	Printed circuit board (Fan)	R2	Current sensing device	X33A	Connector (for wiring)
A3P	Printed circuit board (Capacitor)	R3, R4	Resistor (electric discharge)	X35A	Connector (adapter)
C1, C2, C3	Capacitor	R1T	Thermistor (suction air)	Wired remote control	
F1U	Fuse (T, 3, 15A, 250V)	R2T	Thermistor (liquid)		
F2U	Fuse (T, 5A, 250V)	R3T	Thermistor (gas)	R1T	Thermistor (air)
F3U	Fuse (T, 6, 3A, 250V)	R4T	Thermistor (discharge air)	SS1	Selector switch (main/sub)
F4U	Fuse (T, 6, 3A, 250V)	S1L	Float switch		
HAP	Light emitting diode (service monitor-green) (A1P, A2P)	V1R	Diode bridge		
KPR	Magnetic relay	V2R	Power module		
K1R	Magnetic relay	X1M	Terminal strip (power supply)		
L1R	Reactor	X2M	Terminal strip (control)		
M1F	Motor (fan)	Y1E	Electronic expansion valve		
M1P	Motor (drain pump)	Z1C, Z2C	Noise filter (ferrite core)		
PS	Switching power supply (A1P, A2P)	Z1F	Noise filter		



: Terminal



: Connector



: Field wiring

Colors:

RED: Red

BLK: Black

WHT: White

YLW: Yellow

BRN: Brown

GRY: Gray

BLU: Blue

PNK: Pink

ORG: Orange

GRN: Green

3D058783

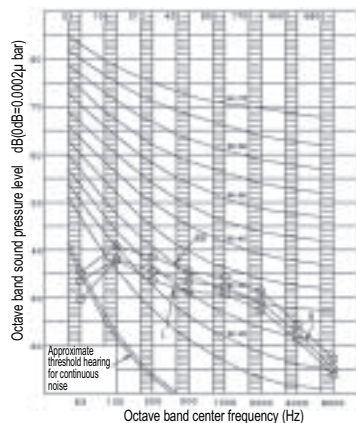
NOTES

- In case of using central remote control, connect it to the unit in accordance with the attached installation manual.
- When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached the unit.

9 Sound data

9 - 1 Sound pressure spectrum

FXMQ40P



4D060446

NOTES

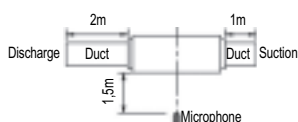
- Over All (dB):
(B, G, N is already rectified)

Scale	Air flow rate		
	HH	H	L
A	39.0	37.0	35.0
C	45.0	42.0	41.0

- 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
 - External static Pressure: 100Pa

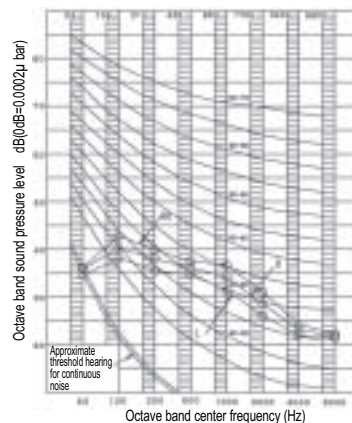
- Measuring place: Anechoic chamber

- Location of microphone



- Operation noise differs with operation and ambient options

FXMQ50P



4D060428

NOTES

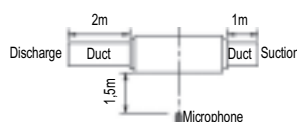
- Over All (dB):
(B, G, N is already rectified)

Scale	Air flow rate		
	HH	H	L
A	41.0	39.0	37.0
C	46.0	44.0	42.0

- 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
 - External static Pressure: 100Pa

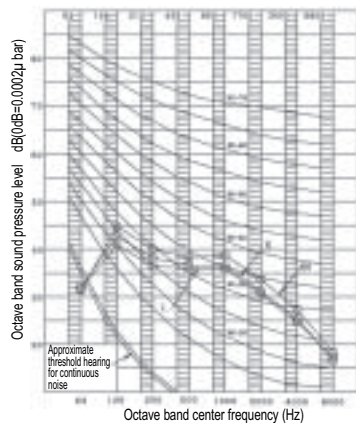
- Measuring place: Anechoic chamber

- Location of microphone



- Operation noise differs with operation and ambient conditions.

FXMQ63P



4D060447

NOTES

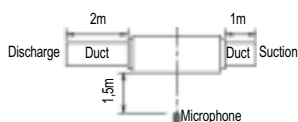
- Over All (dB):
(B, G, N is already rectified)

Scale	Air flow rate		
	HH	H	L
A	42.0	40.0	38.0
C	48.0	46.0	44.0

- 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
 - External static Pressure: 100Pa

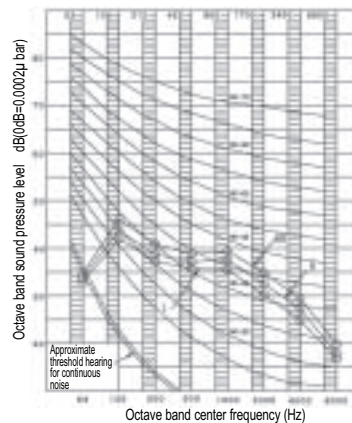
- Measuring place: Anechoic chamber

- Location of microphone



- Operation noise differs with operation and ambient conditions.

FXMQ80P



4D060429

NOTES

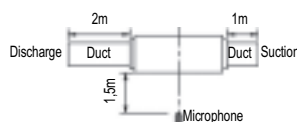
- Over All (dB):
(B, G, N is already rectified)

Scale	Air flow rate		
	HH	H	L
A	43.0	41.0	39.0
C	49.0	47.0	45.0

- 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
 - External static Pressure: 100Pa

- Measuring place: Anechoic chamber

- Location of microphone



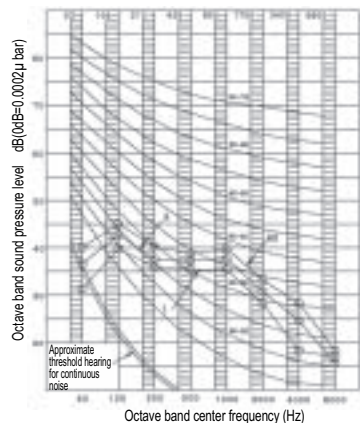
- Operation noise differs with operation and ambient conditions.

9 Sound data

9 - 1 Sound pressure spectrum

9

FXMQ100P

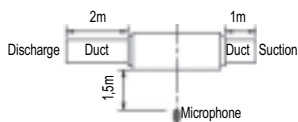


Octave band center frequency (Hz)

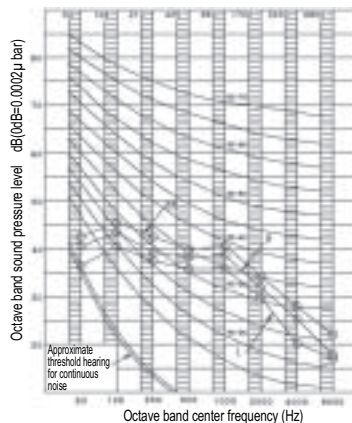
4D060448

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
 - External static Pressure: 100Pa
- Measuring place: Anechoic chamber
- Location of microphone



FXMQ125P

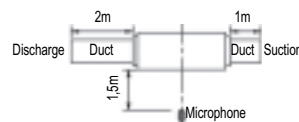


Octave band center frequency (Hz)

4D060449

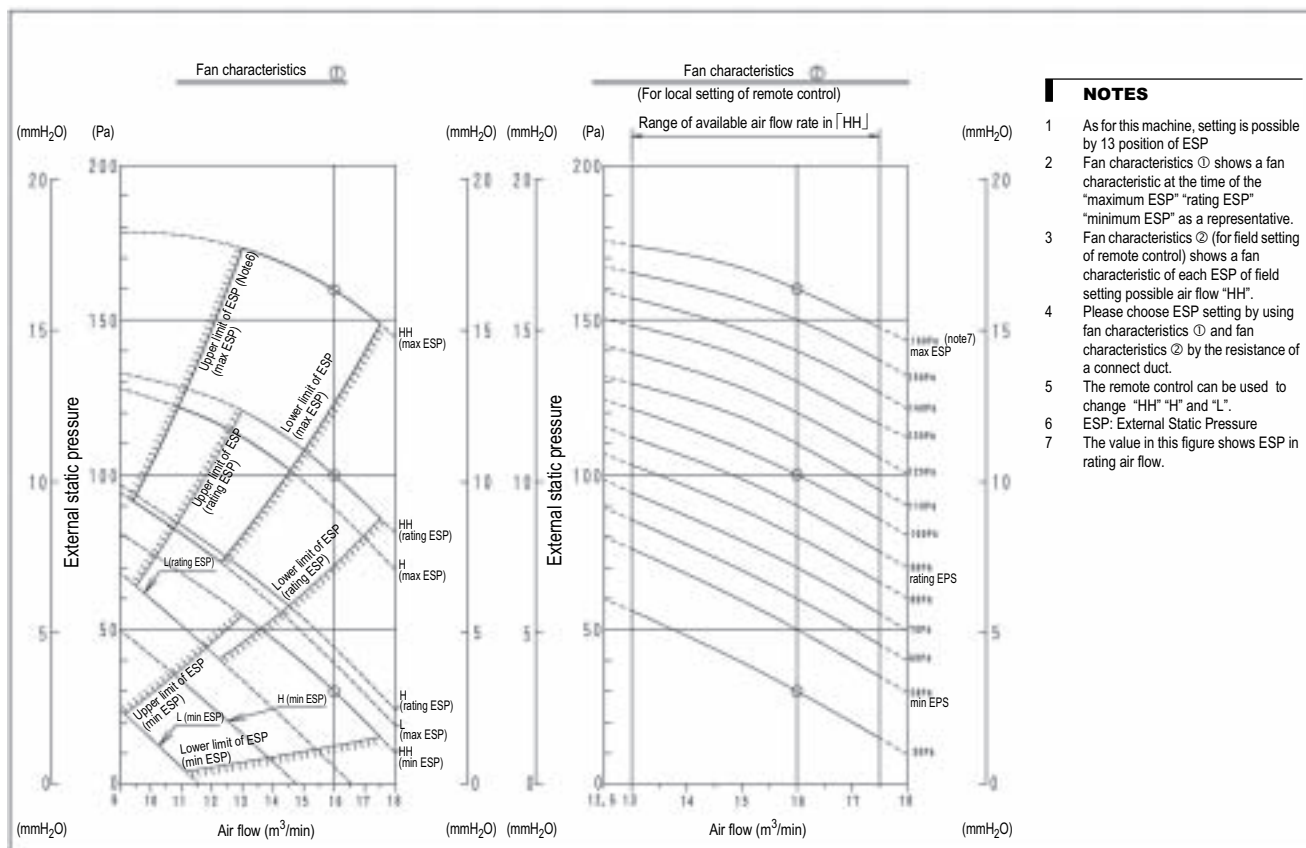
NOTES

- 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
 - External static Pressure: 100Pa
- Measuring place: Anechoic chamber
- Location of microphone



10 Fan characteristics

FXMQ40P

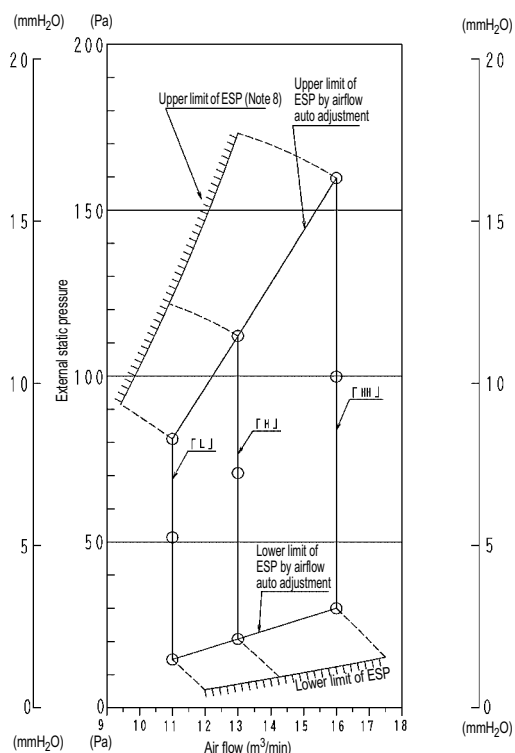


NOTES

- 1 As for this machine, setting is possible by 13 position of ESP
- 2 Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
- 3 Fan characteristics ② (for field setting of remote control) shows a fan characteristic of each ESP of field setting possible air flow "HH".
- 4 Please choose ESP setting by using fan characteristics ① and fan characteristics ② by the resistance of a connect duct.
- 5 The remote control can be used to change "HH" "H" and "L".
- 6 ESP: External Static Pressure
- 7 The value in this figure shows ESP in rating air flow.

3D060456

FXMQ40P



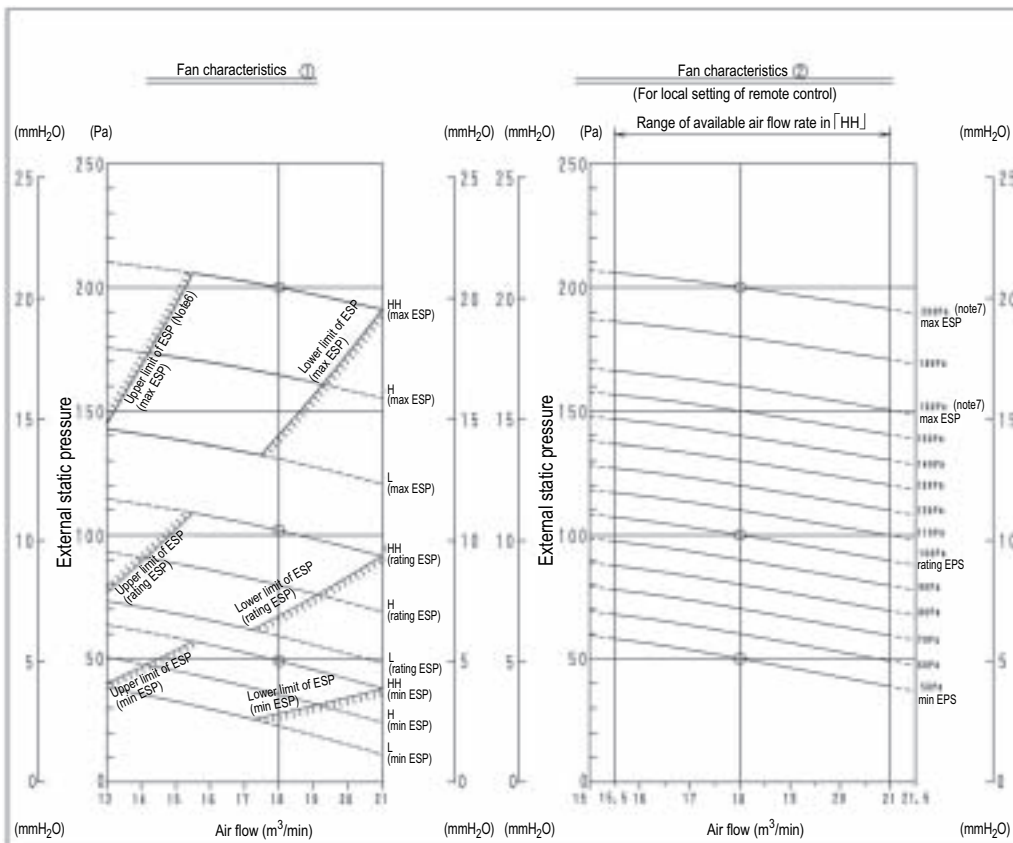
NOTES

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

3D060577

10 Fan characteristics

FXMQ50P

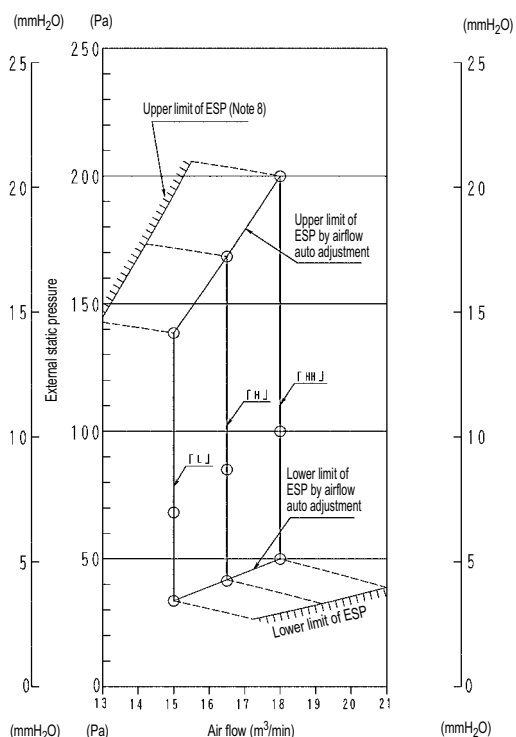


NOTES

- 1 As for this machine, setting is possible by 14 position of ESP
- 2 Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
- 3 Fan characteristics ② (for field setting of remote control) shows a fan characteristic of each ESP of field setting possible air flow "HH".
- 4 Please choose ESP setting by using fan characteristics ① and fan characteristics ② by the resistance of a connect duct.
- 5 The remote control can be used to change "HH" "H" and "L".
- 6 ESP: External Static Pressure
- 7 The value in this figure shows ESP in rating air flow.

3D060457

FXMQ50P



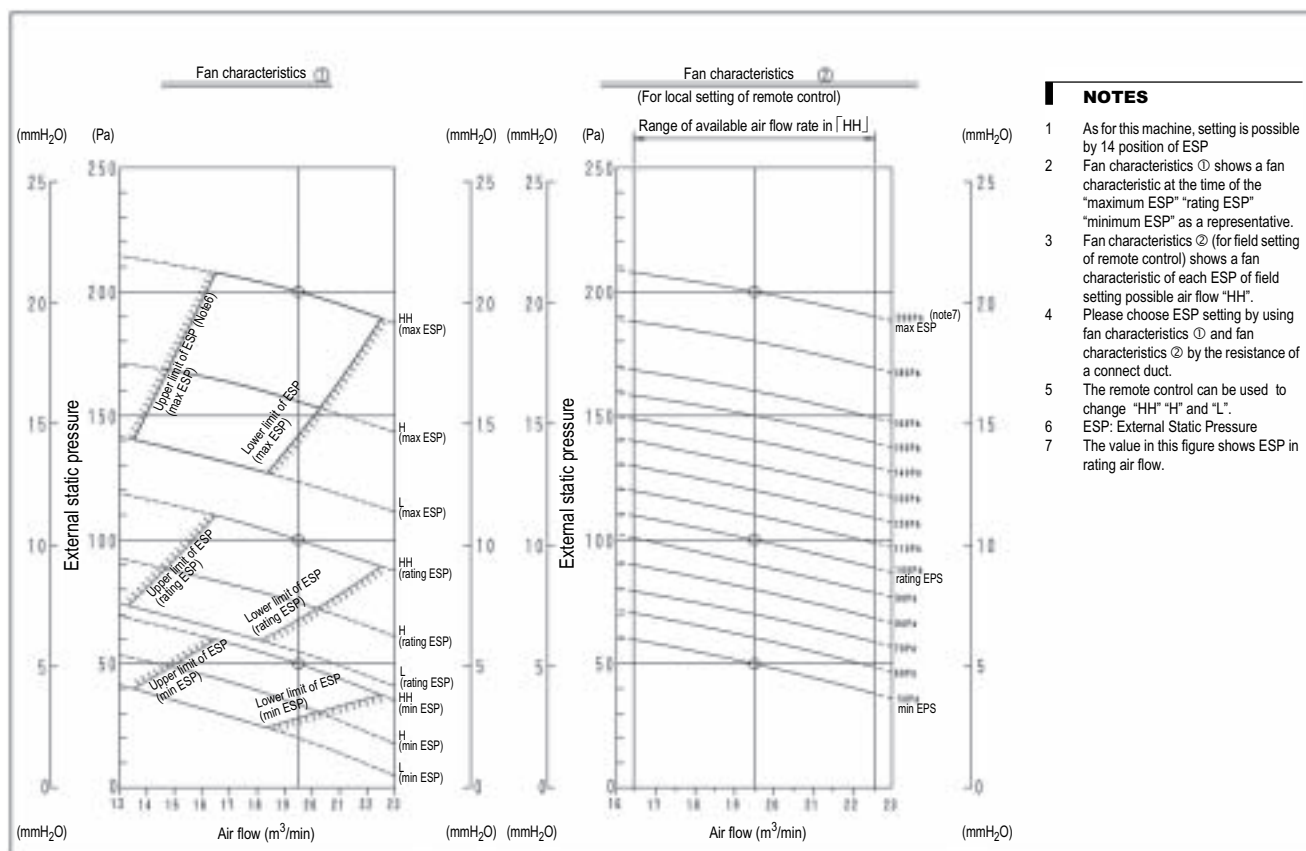
NOTES

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

3D060578

10 Fan characteristics

FXMQ63P

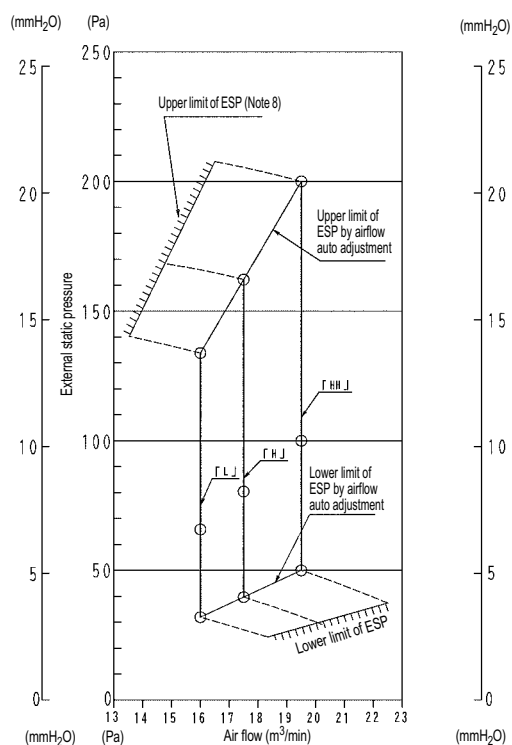


NOTES

- 1 As for this machine, setting is possible by 14 position of ESP
- 2 Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
- 3 Fan characteristics ② (for field setting of remote control) shows a fan characteristic of each ESP of field setting possible air flow "HH".
- 4 Please choose ESP setting by using fan characteristics ① and fan characteristics ② by the resistance of a connect duct.
- 5 The remote control can be used to change "HH" "H" and "L".
- 6 ESP: External Static Pressure
- 7 The value in this figure shows ESP in rating air flow.

3D060458

FXMQ63P



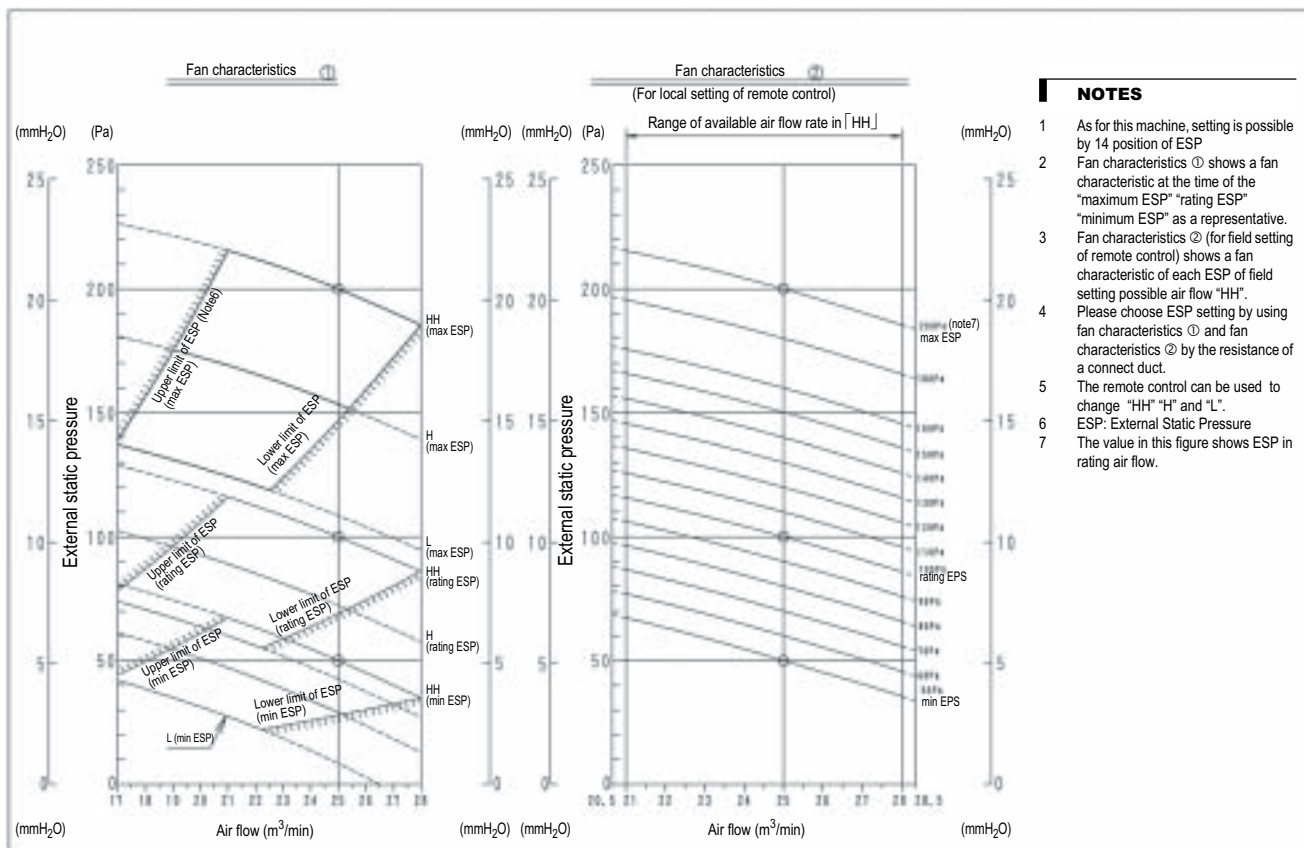
NOTES

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

3D060579

10 Fan characteristics

FXMQ80P

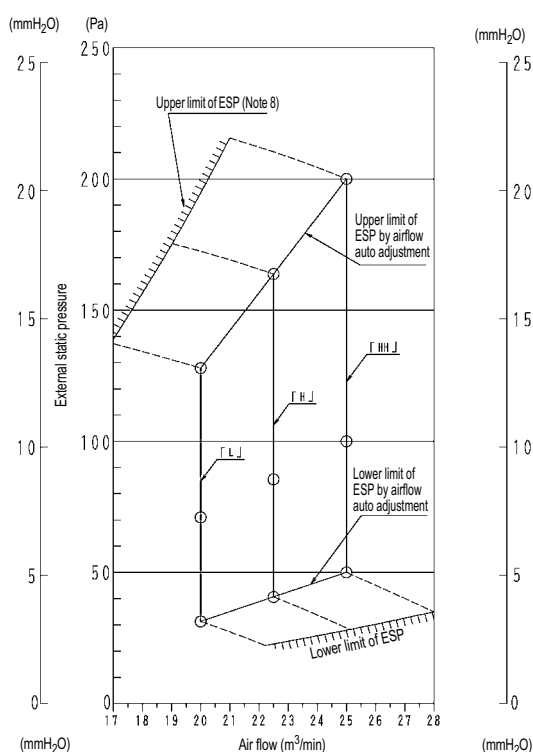


NOTES

- 1 As for this machine, setting is possible by 14 position of ESP
- 2 Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
- 3 Fan characteristics ② (for field setting of remote control) shows a fan characteristic of each ESP of field setting possible air flow "HH".
- 4 Please choose ESP setting by using fan characteristics ① and fan characteristics ② by the resistance of a connect duct.
- 5 The remote control can be used to change "HH" "H" and "L".
- 6 ESP: External Static Pressure
- 7 The value in this figure shows ESP in rating air flow.

3D060459

FXMQ80P



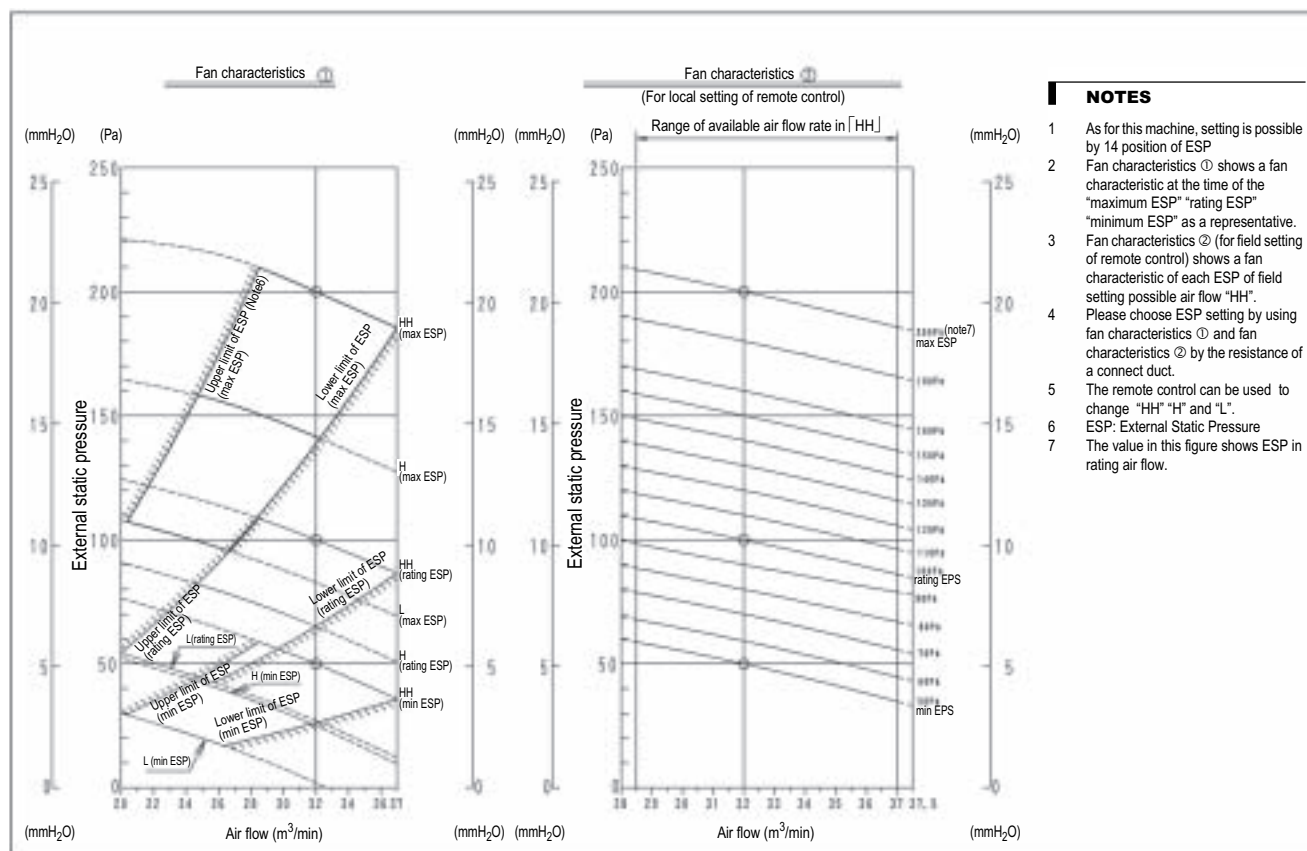
NOTES

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

3D060580

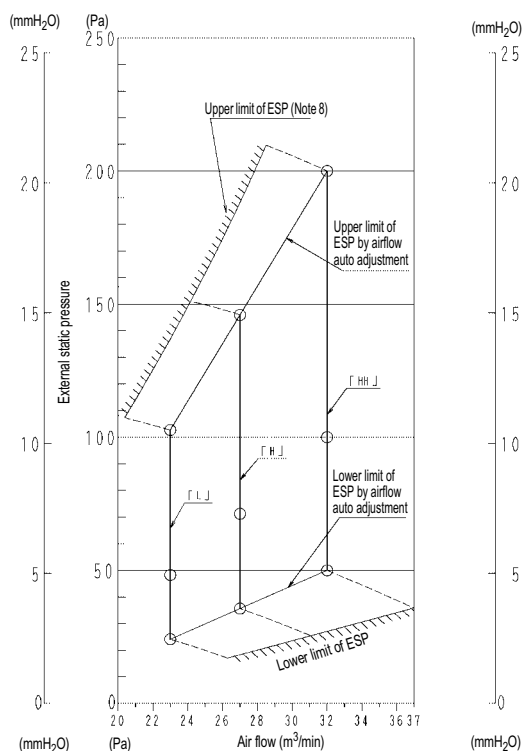
10 Fan characteristics

FXMQ100P



3D060460

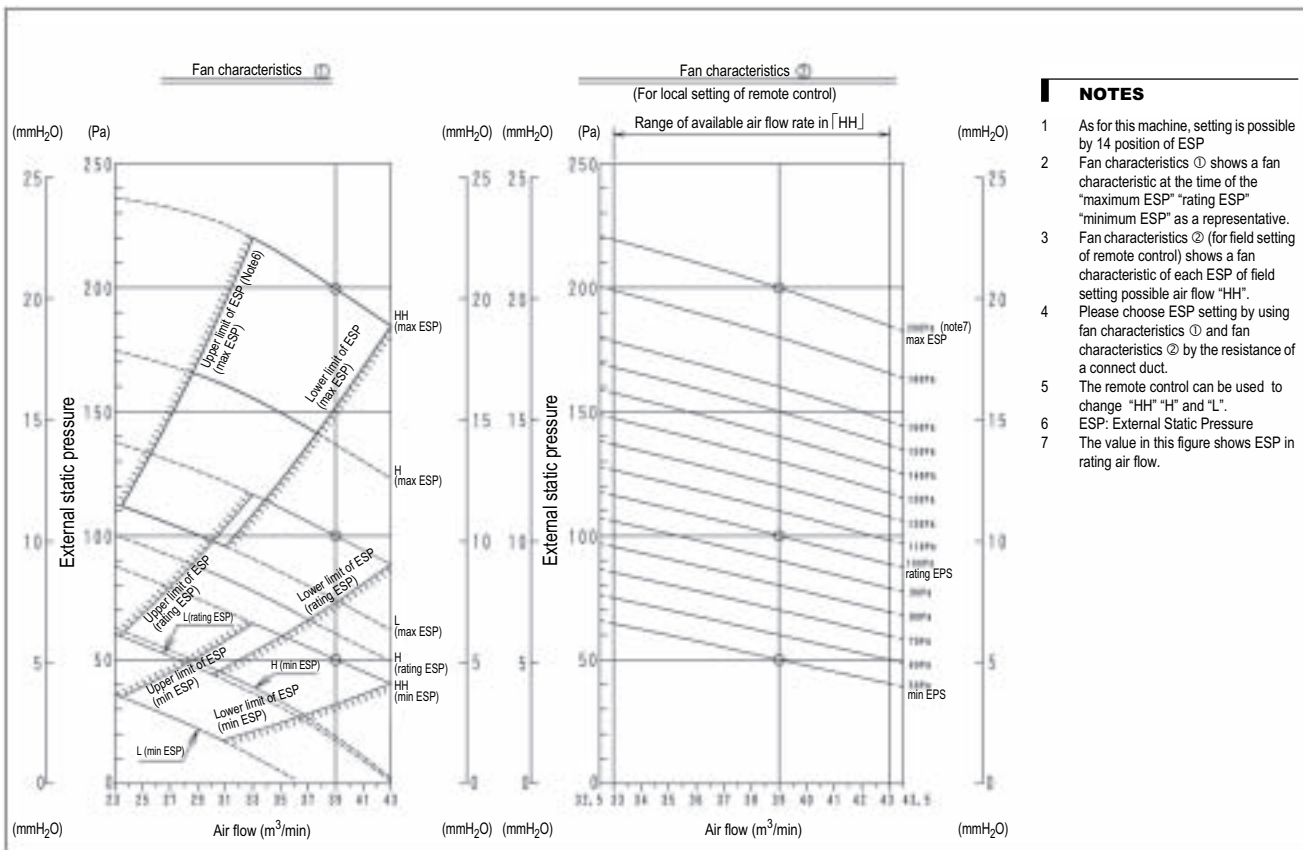
FXMQ100P



3D060581

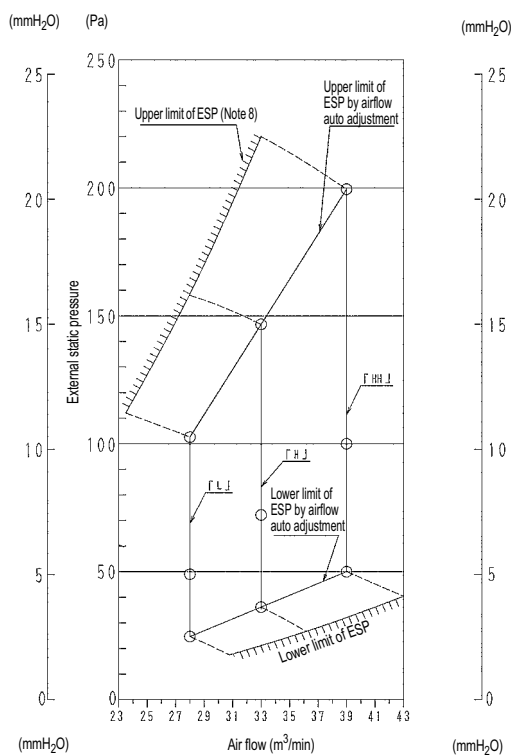
10 Fan characteristics

FXMQ125P



3D060461

FXMQ125P



NOTES

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

3D060582



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



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



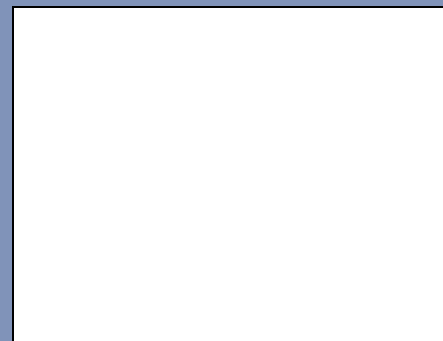
ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.

VRV® products are not within the scope of the Eurovent certification programme.

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DAIKIN EUROPE N.V.

Naamloze Vennootschap
Zandvoordestraat 300
B-8400 Oostende, Belgium
www.daikin.eu
BTW: BE 0412 120 336
RPR Oostende