DAIKIN

technical data

air conditioning systems

Ceiling Suspended Unit

FXHQ-MAVE

R-410A

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technical data

air conditioning systems

Ceiling Suspended Unit

FXHQ-MAVE

R-410A

TABLE OF CONTENTS

FXHQ-MAVE

1 Specifications

1-1 Technical Specifications				FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Capacity	Cooling		kW	3.6	7.1	11.2
	Heating		kW	4.0	8.0	12.5
Power Input (50Hz)	Cooling		kW	0.111	0.115	0.135
	Heating		kW	0.111	0.115	0.135
Power Input (60Hz)	Cooling		kW	0.142	0.145	0.199
	Heating		kW	0.142	0.145	0.199
Casing	Colour			White (10Y9/0,5)		
Dimensions	Unit	Height	mm	195	195	195
		Width	mm	960	1,160	1,400
		Depth	mm	680	680	680
Weight	Unit		kg	24	28	33
Heat Exchanger	Dimensions	Nr of Rows		2	3	3
		Fin Pitch	mm	1.75	1.75	1.75
		Face Area	m²	0.182	0.233	0.293
		Nr of Stages		12	12	12
Fan	Type			Sirocco fan		
Cooling	High	m³/min		12	17.5	25
	Low	m³/min		10	14	19.5
Fan	Motor	Model		3D12K1AA1	4D12K1AA1	3D12K2AA1
		Output (high)	W	62	62	130
		Drive		Direct drive		
Refrigerant	Name			R-410A		
Cooling	Sound Pressure	High	dBA	36	39	45
		Low	dBA	31	34	37
Piping connections	Liquid (OD)	Type		Flare connection		
		Diameter	mm	6.35	9.52	9.52
	Gas	Type		Flare connection		
		Diameter	mm	12.7	15.9	15.9
	Drain	Diameter	mm	VP20 (I.D. 20/O.D. 26)		
	Heat Insulation			Glass wool		
Air Filter				Resin net with mold resistance		
Refrigerant control				Electronic expansion valve		
Temperature control				Microprocessor thermostat for cooling and heating		
Safety devices				Fuse		
				Fan motor thermal protector		
Standard Accessories				Operation manual		
				Installation manual		
				Drain hose		
				Paper pattern for installation		
				Clamp metal		
				Insulation for fitting		
				Clamps		
				Washer		
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m (horizontal)		
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m (horizontal)		
				Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.		

1 Specifications

1-2 Electrical Specifications (50Hz)			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power Supply	Name		VE		
	Phase		1~		
	Frequency	Hz	50		
	Voltage	V	220-240		
Current	Minimum circuit amps (MCA)	A	0.8	0.8	0.9
	Maximum fuse amps (MFA)	A	15	15	15
	Full load amps (FLA)	A	0.6	0.6	0.7
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 15A		
			Select wire size based on the MCA		
			Instead of a fuse, use a circuit breaker		

1-3 Electrical Specifications (60Hz)			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power Supply	Name		VE		
	Phase		1~		
	Frequency	Hz	60		
	Voltage	V	220		
Current	Minimum circuit amps (MCA)	A	0.9	0.9	1.3
	Maximum fuse amps (MFA)	A	15	15	15
	Full load amps (FLA)	A	0.7	0.7	1.0
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 15A		
			Select wire size based on the MCA		
			Instead of a fuse, use a circuit breaker		

2 Safety device settings

		FXHQ32MA	FXHQ63MA	FXHQ100MA
PC BOARD FUSE		250V 5A		
FAN MOTOR THERMAL PROTECTOR	°C	OFF: $130^{\pm5}$ / ON: $80^{\pm20}$		

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3 Options

		FXHQ32MA	FXHQ63MA	FXHQ100MA
DRAIN PUMP KIT		KDU50M60VE	KDU50M125VE	KDU50M125VE
REPLACEMENT LONG-LIFE FILTER	Resin net	KAFJ501D56	KAFJ501D80	KAFJ501D112
L-TYPE PIPING KIT FOR UPWARD DIRECTION		KHFP5M35	KHFP5M63	KHFP5M63

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4 Control systems

Individual control systems

		FXHQ32MA	FXHQ63MA	FXHQ100MA
WIRED REMOTE CONTROL		BRC1D52 / BRC1D61 (3)		
INFRARED REMOTE CONTROL	Heat pump	BRC7E63W		
	Cooling only	BRC7E66		

Centralised control systems

	FXHQ32MA	FXHQ63MA	FXHQ100MA
CENTRALISED REMOTE CONTROL	DCS302C51 / DCS302CA61 (3)		
UNIFIED ON/OFF CONTROL	DCS301B51 / DCS301BA61 (3)		
SCHEDULE TIMER	DST301B51 / DST301BA61 (3)		
RESIDENTIAL CENTRAL REMOTE CONTROL	DCS303A51 (3)(4)		

Others

	FXHQ32MA	FXHQ63MA	FXHQ100MA
WIRING ADAPTER	KRP1B3		
WIRING ADAPTER FOR ELECTRICAL APPENDICES (1)	KRP2A62 #		
WIRING ADAPTER FOR ELECTRICAL APPENDICES (2)	KRP4A52 #		
REMOTE SENSOR	KRCS01-1		
INSTALLATION BOX FOR ADAPTER PCB	KRP1C93 (2)		
ELECTRICAL BOX WITH EARTH TERMINAL (3 BLOCKS)	KJB311A		
ELECTRICAL BOX WITH EARTH TERMINAL (2 BLOCKS)	KJB212A		
NOISE FILTER (FOR ELECTROMAGNETIC INTERFACE USE ONLY)	KEK26-1A		
EXTERNAL CONTROL ADAPTER FOR OUTDOOR UNITS (INSTALLATION ON INDOOR UNIT)	DTA104A62 #		

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NOTES

1 Installation box is necessary for each adapter marked with #
2 Only 1 installation box can be installed per indoor unit
3 For DAME only
4 For residential use only. Cannot be used with other centralised control equipment

5 Capacity tables

5 - 1 Cooling capacity tables

FXHQ-MA

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

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5 Capacity tables

5 - 2 Heating capacity tables

FXHQ-MA

Unit Size	Nominal capacity	Outdoor air temperature		Indoor air temperature °CDB					
				16.0	18.0	20.0	21.0	22.0	24.0
		°CDB	°CWB	kW	kW	kW	kW	kW	kW
32	4.0	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
		-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
		-16.7	-17.0	2.6	2.6	2.6	2.6	2.6	2.5
		-14.7	-15.0	2.7	2.7	2.7	2.7	2.7	2.7
		-12.6	-13.0	2.9	2.8	2.8	2.8	2.8	2.8
		-10.5	-11.0	3.0	3.0	3.0	3.0	3.0	3.0
		-9.5	-10.0	3.1	3.1	3.1	3.1	3.0	3.0
		-8.5	-9.1	3.1	3.1	3.1	3.1	3.1	3.1
		-7.0	-7.6	3.2	3.2	3.2	3.2	3.2	3.2
		-5.0	-5.6	3.4	3.4	3.4	3.4	3.4	3.4
		-3.0	-3.7	3.5	3.5	3.5	3.5	3.5	3.5
		0.0	-0.7	3.7	3.7	3.7	3.7	3.7	3.5
		3.0	2.2	3.9	3.9	3.9	3.9	3.7	3.5
		5.0	4.1	4.1	4.1	4.0	3.9	3.7	3.5
		7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
		9.0	7.9	4.3	4.3	4.0	3.9	3.7	3.5
		11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
		13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
		15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5
63	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
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

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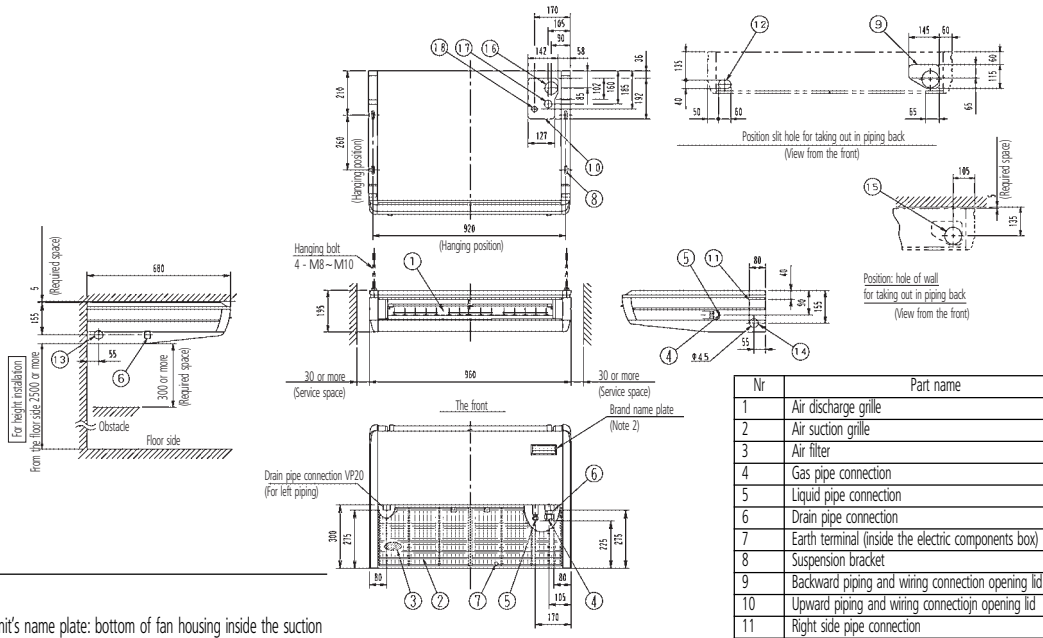
6 Dimensional drawing & centre of gravity

6 - 1 Dimensional drawing

FXHQ32MA



NOTES

1 Location of unit's name plate: bottom of fan housing inside the suction grille.

2 In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.

3 The remote control code is standard (about 3m outside the machine) attached. (0.5mm^2 x 2 wicks x O.D. ø 5.4) (It is not attached to VRV)

Nr	Part name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	ø 12.7 flare
5	Liquid pipe connection	ø 6.4 flare
6	Drain pipe connection	VP20
7	Earth terminal (inside the electric components box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connectiojn opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	ø 100
16	Upward drain pipe connection	ø 60
17	Upward gas pipe connection	ø 36
18	Upward liquid pipe connection	ø 26

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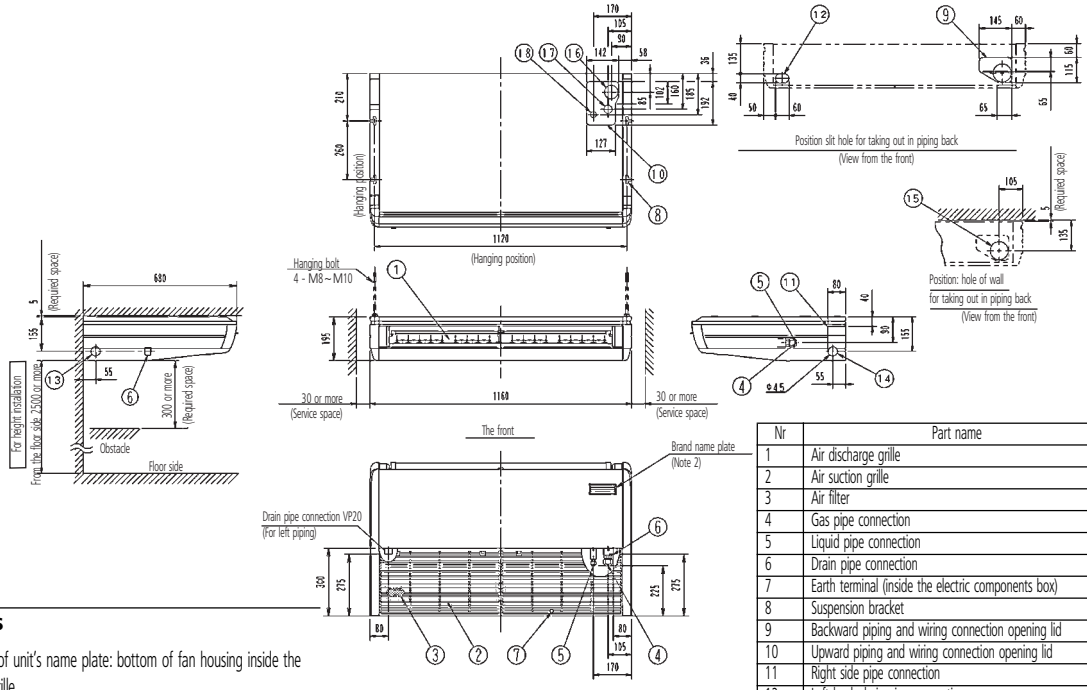
FXHQ63MA



NOTES

1 Location of unit's name plate: bottom of fan housing inside the suction grille.

2 In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.

3 The remote control code is standard (about 3m outside the machine) attached. (0.5mm^2 x 2 wicks x O.D. ø 5.4) (It is not attached to VRV)

Nr	Part name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	ø 15.9 flare
5	Liquid pipe connection	ø 9.5 flare
6	Drain pipe connection	VP20
7	Earth terminal (inside the electric components box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	ø 100
16	Upward drain pipe connection	ø 60
17	Upward gas pipe connection	ø 36
18	Upward liquid pipe connection	ø 26

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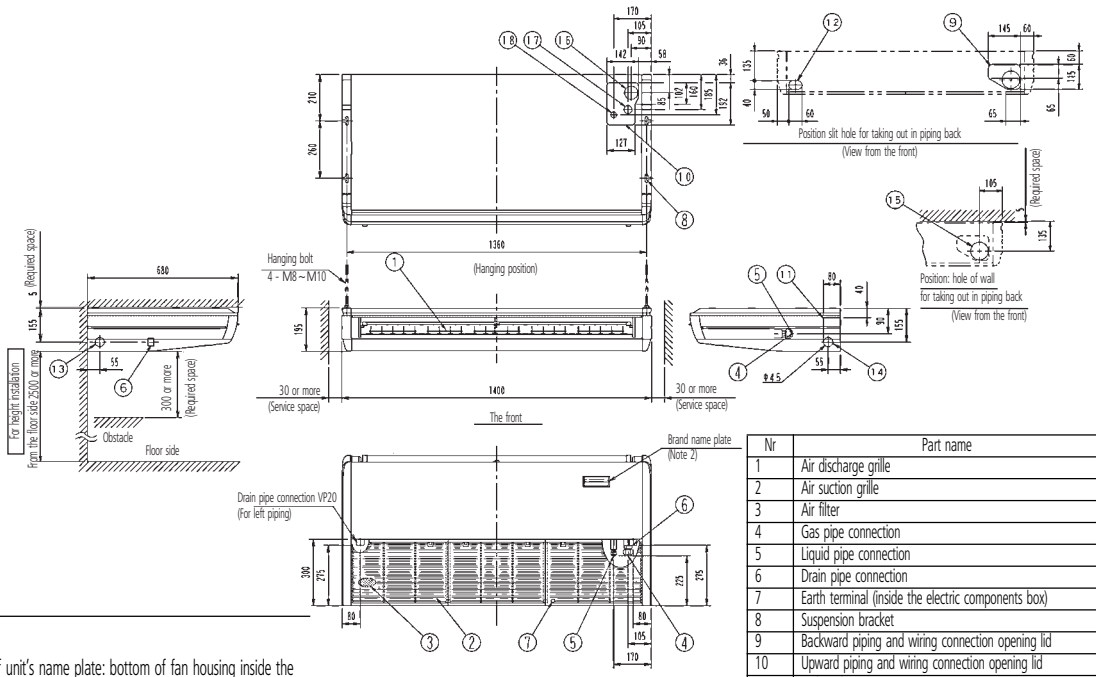
6 Dimensional drawing & centre of gravity

6 - 1 Dimensional drawing

FXHQ100MA



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16	Upward drain pipe connection	ø 60
17	Upward gas pipe connection	ø 36
18	Upward liquid pipe connection	ø 26

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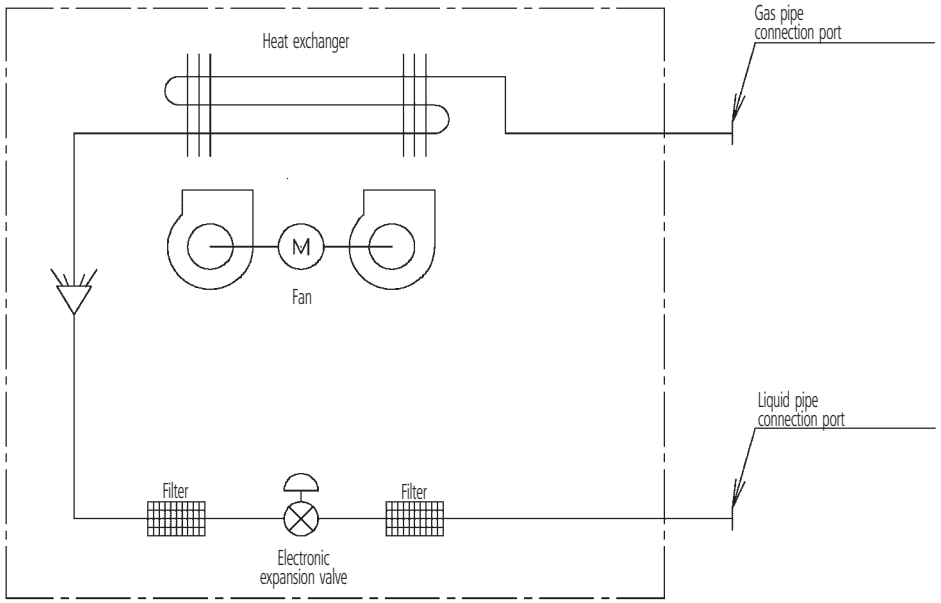
7 Piping diagram

FXHQ-MA



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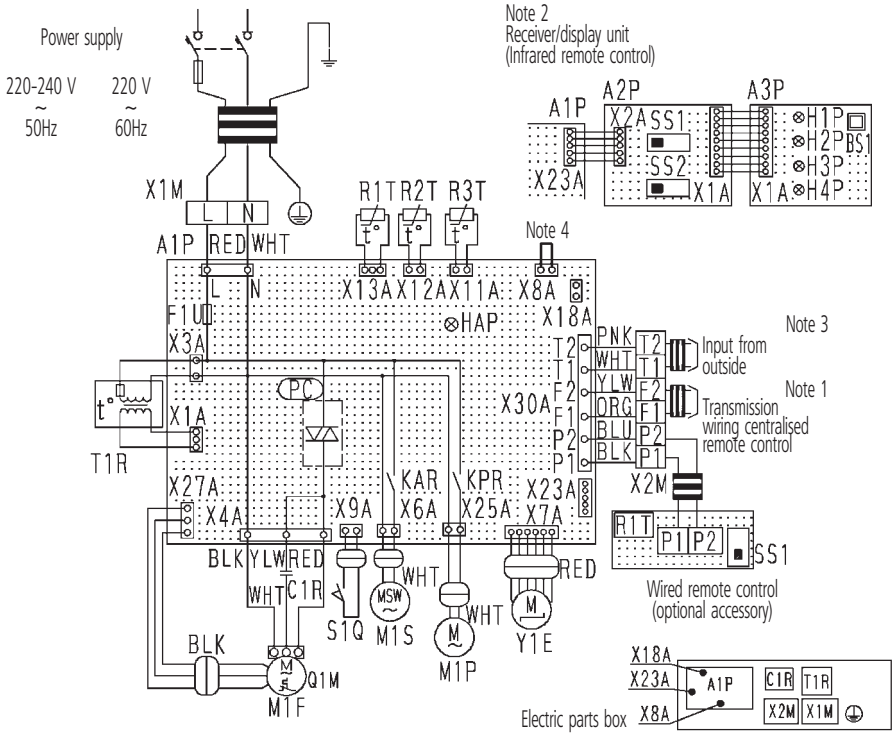
8 Wiring diagram

8 - 1 Wiring diagram

FXHQ-MA



Indoor unit				Receiver/display unit (Attached to infrared remote control)	
A1P	Printed circuit board	T1R	Transformer (220-240V/22V)	A2P	Printed circuit board
C1R	Capacitor (M1F)	X1M	Terminal block (Power)	A3P	Printed circuit board
F1U	Fuse (Ⓑ, 5A, 250V)	X2M	Terminal block (Control)	BS1	Push button (On/off)
HAP	Light emitting diode (Service monitor-green)	Y1E	Electronic expansion valve	H1P	Light emitting diode (On red)
KAR	Magnetic relay (M1S)	PC	Phase control circuit	H2P	Light emitting diode (Timer green)
KPR	Magnetic relay (M1P)			H3P	Light emitting diode (Filter sign-red)
M1F	Motor (Indoor fan)	Optional parts		H4P	Light emitting diode (Defrost orange)
M1S	Motor (Swing flap)	M1P	Motor (Drain pump)	SS1	Selector switch (Main/sub)
Q1M	Thermo switch (M1F embedded)			SS2	Selector switch (Wireless address set)
R1T	Thermistor (Air)	Wired remote control		Connector for optional parts	
R2T	Thermistor (Coil liquid)	R1T	Thermistor (Air)	X8A	Connector (Float switch)
R3T	Thermistor (Coil gas)	SS1	Selector switch (Main/sub)	X18A	Connector (Wiring adapter for electrical appendices)
S1Q	Limit switch (Swing flap)			X23A	Connector (Infrared remote control)

: Terminal
, D– : Connector
: Short circuit connector
: Field wiring

COLORS : BLK : Black RED : Red
BLU : Blue WHT : White
ORG : Orange YLW : Yellow
PNK : Pink

NOTES

1 In case of using centralised remote control, connect it to the unit in accordance with the attached instruction manual.

2 X23A is connected when the infrared remote control kit is being used.

3 When connecting the input wires from the outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached to the unit.

4 In case of installing the drain pump, remove the short circuit connector of X8A and execute the additional wiring for float switch and drain pump.

5 Use copper conductors only.

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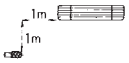
9 Sound data

9 - 1 Sound level data

FXHQ-MA

Model	Sound pressure level - 220V			Sound power level
	H	L	Measuring location	
FXHQ32MA	36	31		*
FXHQ63MA	39	34		*
FXHQ100MA	45	37		*

NOTES

1 Reference acoustic pressure 0 dB = 0.0002 μbar.

2 Measuring place: anechoic chamber.

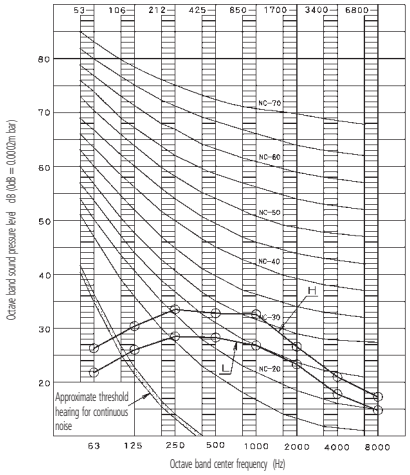
3 Operating noise differs with operation and ambient conditions.

* Data were not available at time of publication.

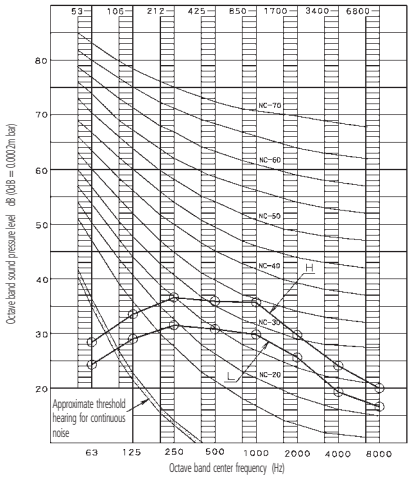
9 Sound data

9 - 2 Sound pressure spectrum

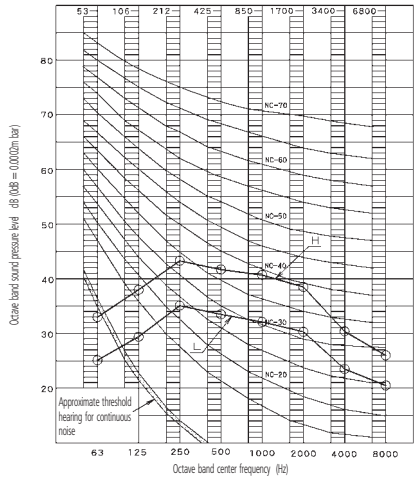
FXHQ32MA 4D035301



FXHQ63MA 4D035302



FXHQ100MA 4D035303

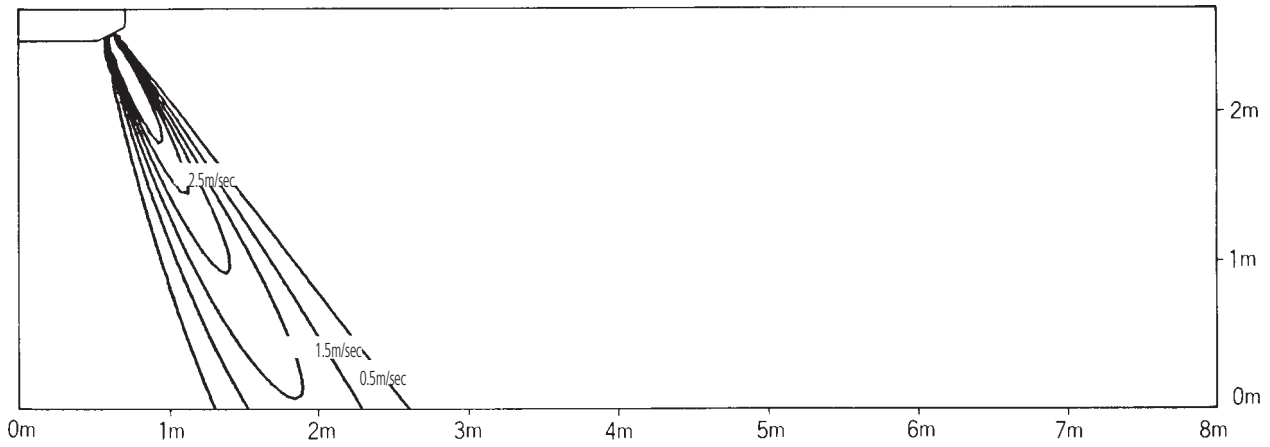


10 Air flow pattern

FXHQ100MA

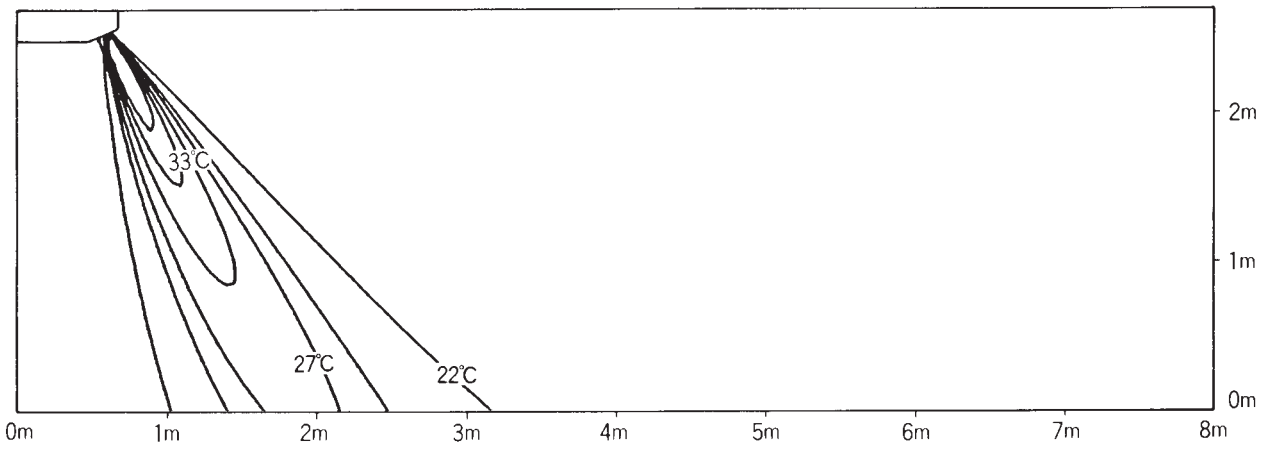
Heating Air velocity distribution

center air blow



Heating Temperature distribution

center air blow



In all of us, a green heart

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 intension 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.

CE 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.

DAIKIN EUROPE N.V.

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