



technical data

Ceiling Suspended Unit
FXHQ-MAVE

air conditioning systems

VRV[®] III-S

VRV[®] III

VRV[®] II

VRV[®]-WII

TABLE OF CONTENTS

FXHQ-MAVE

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	4
3	Safety device settings	5
4	Options	6
5	Control systems	7
6	Capacity tables	8
	Cooling capacity tables	8
	Heating capacity tables	9
7	Dimensional drawing	10
	Dimensional drawing	10
8	Piping diagram	12
9	Wiring diagram	13
	Wiring diagram	13
10	Sound data	14
	Sound level data	14
	Sound pressure spectrum	15
11	Air flow pattern	16

1 Features

- Quiet operation: down to 31 dBA sound pressure level
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Can be installed in both new and existing buildings.
- Use of W-shaped Coanda flap enhances horizontal and vertical air circulation characteristics
- Wider air discharge thanks to Coanda effect: up to 100 degrees
- Long life filter fitted as standard
- Drain-up pump with 600mm lift fitted as standard
- Easy installation and maintenance

1



2 Specifications

2-1 TECHNICAL SPECIFICATIONS				FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Nominal Capacity	Cooling	kW		3.60	7.10	11.20
	Heating	kW		4.00	8.00	12.50
Power input (Nominal)	Cooling	kW		0.111	0.115	0.135
	Heating	kW		0.111	0.115	0.135
Casing	Colour	White (10Y9/0,5)				
Dimensions	Unit	Height	mm	195	195	195
		Width	mm	960	1160	1400
		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	m ²	0.182	0.233	0.293
		Nr of Stages		12	12	12
Fan	Type			Sirocco fan		
	Quantity			1	1	1
Air Flow Rate	Cooling	High	m ³ /min	12.00	17.50	25.00
		Low	m ³ /min	10.00	14.00	19.50
Fan	Motor	Quantity		1	1	1
		Model		3D12K1AA1	4D12K1AA1	3D12K2AA1
		Output (high)	W	62	62	130
		Drive		Direct drive		
Refrigerant	Name			R-410A		
Cooling	Sound Pressure	High	dBA	36.0	39.0	45.0
		Low	dBA	31.0	34.0	37.0
Piping connections	Liquid (OD)	Type		Flare connection		
		Diameter	mm	6.4	9.5	9.5
	Gas	Type		Flare connection		
		Diameter	mm	12.7	15.9	15.9
	Drain	Diameter	mm	26	26	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				PC board fuse		
				Fan motor thermal protector		
Standard Accessories	Standard Accessories			Installation and operation 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.		

2 Specifications

2-2 ELECTRICAL SPECIFICATIONS			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power Supply	Name		VE		
	Phase		1	1	1
	Frequency	Hz	50	50	50
	Voltage	V	220-240		
Current	Minimum circuit amps (MCA)	A	0.80	0.80	0.90
	Maximum fuse amps (MFA)	A	15.00	15.00	15.00
	Full load amps (FLA)	A	0.60	0.60	0.70
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 <= 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		
			For more details concerning conditional connections, see http://www.daikineurope.com/extranet , select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally click on the document title of your choice		

2

3 Safety device settings

		FXHQ32MA	FXHQ63MA	FXHQ100MA
PC BOARD FUSE		250V 5A		
FAN MOTOR THERMAL PROTECTOR	°C	OFF: 130 ^{±5} / ON: 80 ^{±20}		
				3D034597C

3

4 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
				4D040446A

4

5 Control systems

Individual control systems

		FXHQ32MA	FXHQ63MA	FXHQ100MA
WIRED REMOTE CONTROL			BRC1D52	
INFRARED REMOTE CONTROL	Heat pump		BRC7E63W	
	Cooling only		BRC7E66	

Centralised control systems

		FXHQ32MA	FXHQ63MA	FXHQ100MA
CENTRALISED REMOTE CONTROL			DCS302C51	
UNIFIED ON/OFF CONTROL			DCS301B51	
SCHEDULE TIMER			DST301B51	

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)			KEK26-1	
EXTERNAL CONTROL ADAPTER FOR OUTDOOR UNITS (INSTALLATION ON INDOOR UNIT)			DTA104A62 #	

3D034600C

NOTES

- 1 Installation box is necessary for each adapter marked with #
- 2 Only 1 installation box can be installed per indoor unit

6 Capacity tables

6 - 1 Cooling capacity tables

6

FXHQ-MA

TC: Total capacitykW - SHC: Sensible capacitykW

Unit size	Nominal capacity	Outdoor air temp.	Indoor air temperature													
			14.OWB		16.OWB		18.OWB		19.OWB		20.OWB		22.OWB		24.OWB	
			20.ODB		23.ODB		26.ODB		27.ODB		28.ODB		30.ODB		32.ODB	
			°CDB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC
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
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
		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

CA03A095

6 Capacity tables

6 - 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		

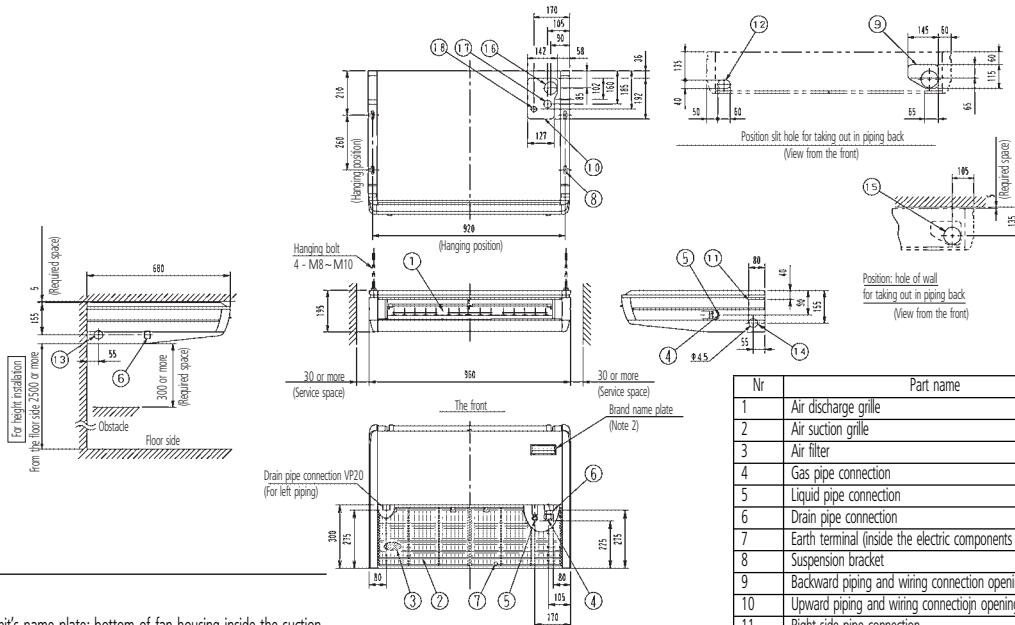
CA03A095

7 Dimensional drawing

7 - 1 Dimensional drawing

7

FXHQ32MA



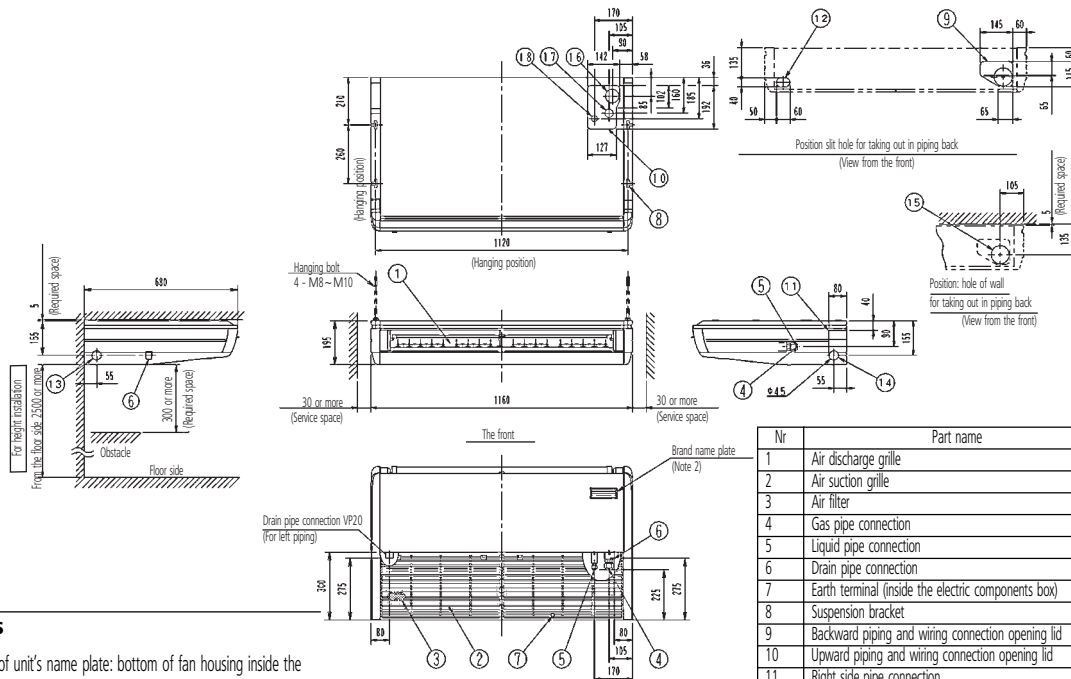
NOTES

- 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. (0.5mm² 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 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

3D038855

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. (0.5mm² 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

3D038856

7 Dimensional drawing

7 - 1 Dimensional drawing

FXHQ100MA

NOTES

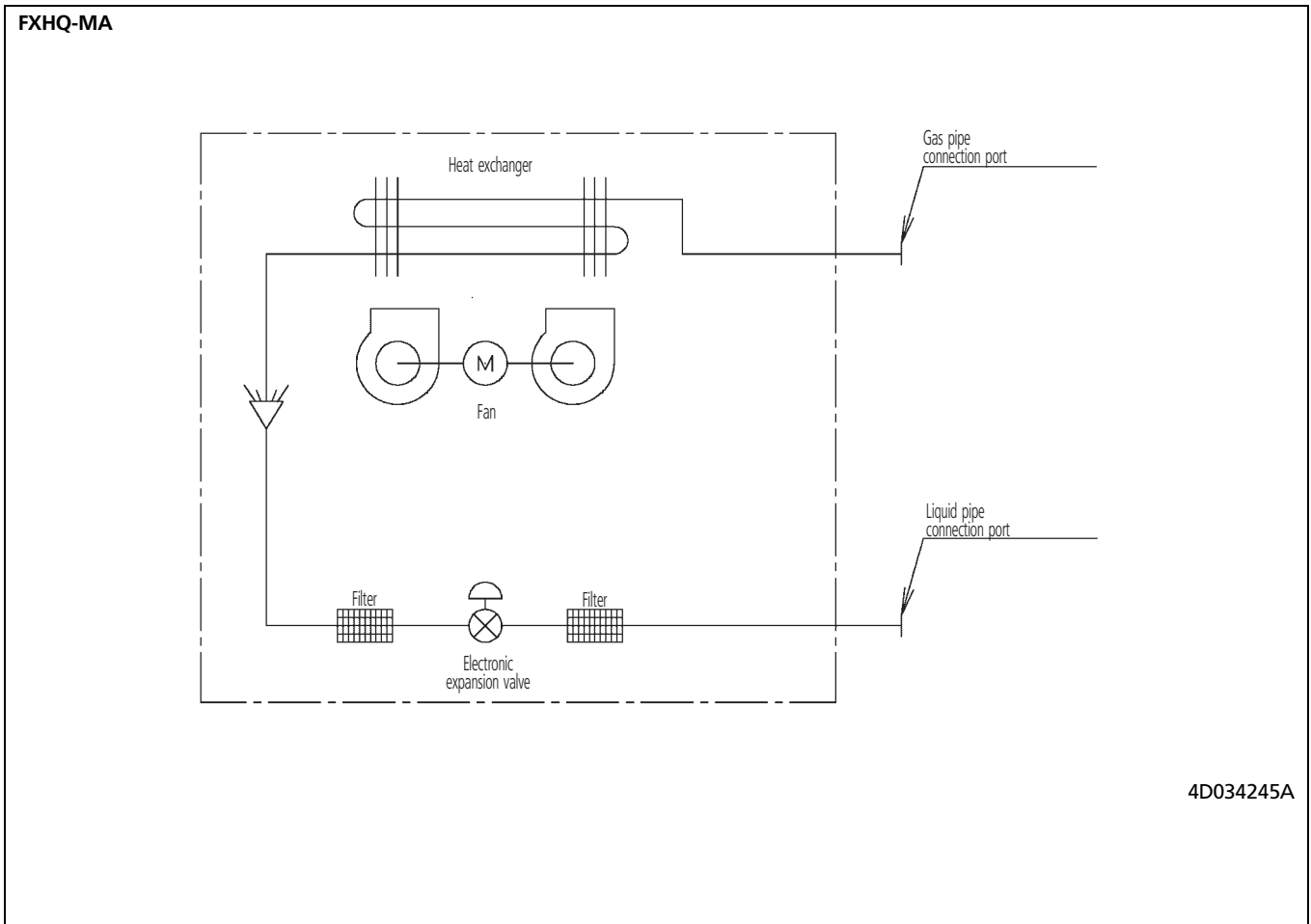
- 1 Location of unit's name plate: bottom of fan housing inside the suction grille.
- 2 In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control, in detail.
- 3 The remote control code is standard (about 3m outside the machine) attached. (0.5mm² x 2wicks 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

3D038857

8 Piping diagram

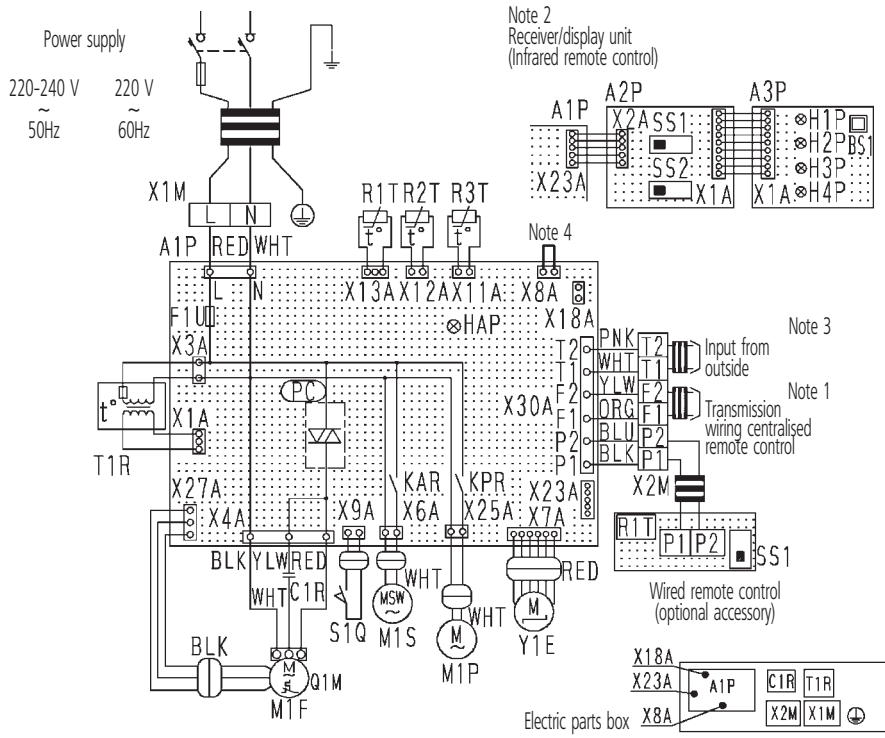
8



9 Wiring diagram

9 - 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)			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)				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
 : Connector
 : Short circuit connector
 : Field wiring
- COLORS : BLK : Black RED : Red
 BLU : Blue WHT : White
 ORG : Orange YLW : Yellow
 PNK : Pink

NOTES

- In case of using centralised remote control, connect it to the unit in accordance with the attached instruction manual.
- X23A is connected when the infrared remote control kit is being used.
- 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.
- 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.
- Use copper conductors only.

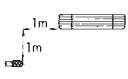
3D039801D

10 Sound data

10 - 1 Sound level data

10

FXHQ-MA

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

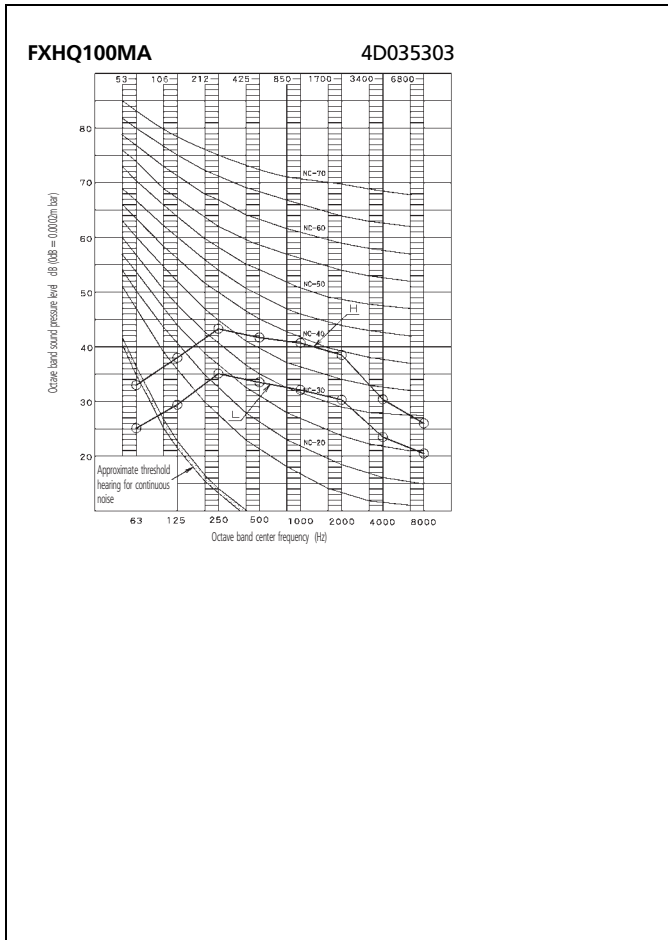
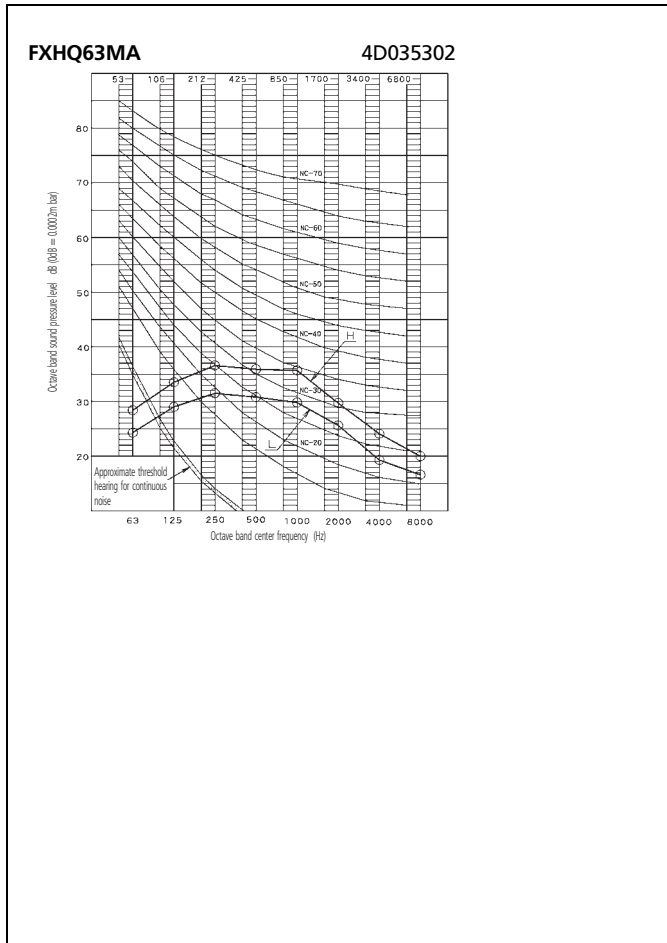
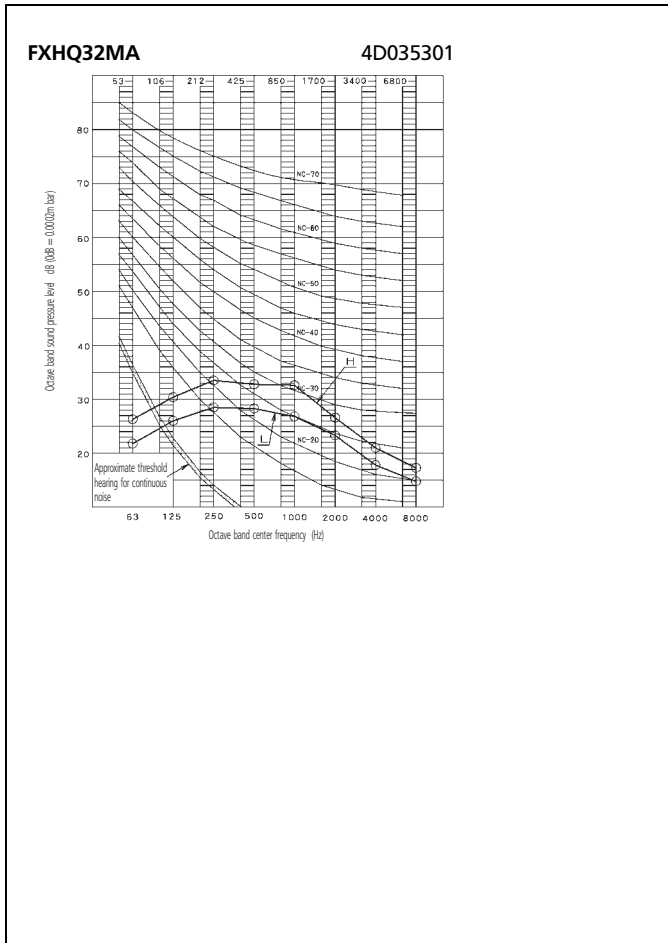
NOTES

- 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.

10 Sound data

10 - 2 Sound pressure spectrum

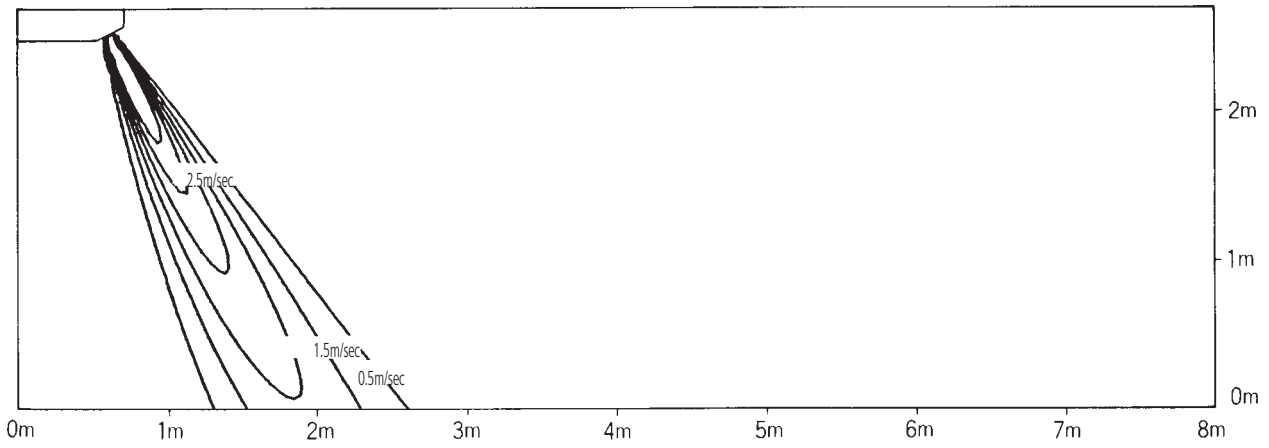


11 Air flow pattern

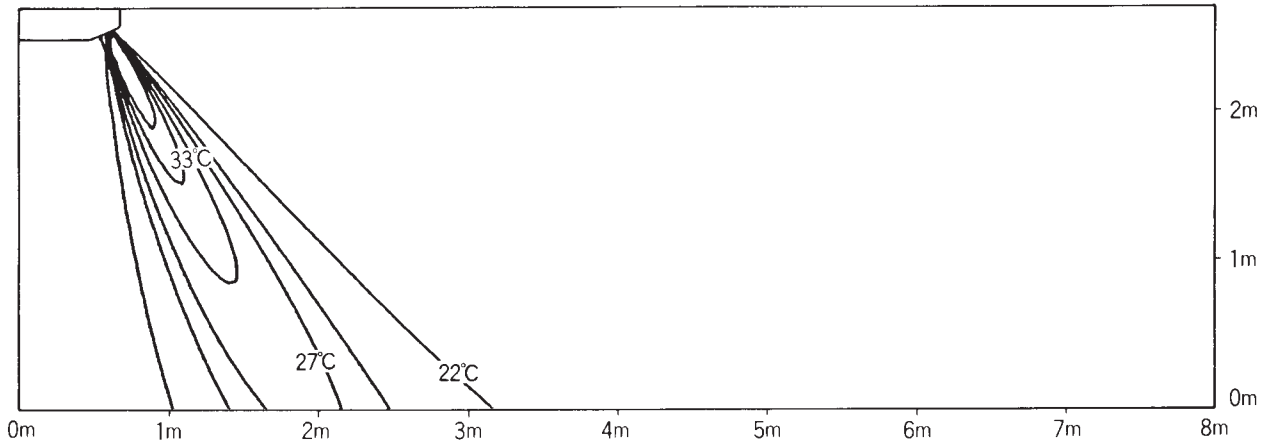
11

FXHQ100MA

Heating Air velocity distribution
center air blow



Heating Temperature distribution
center air blow



2

VRV III-S
VRV III
VRV II
VRV-WII

"The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.."



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 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.



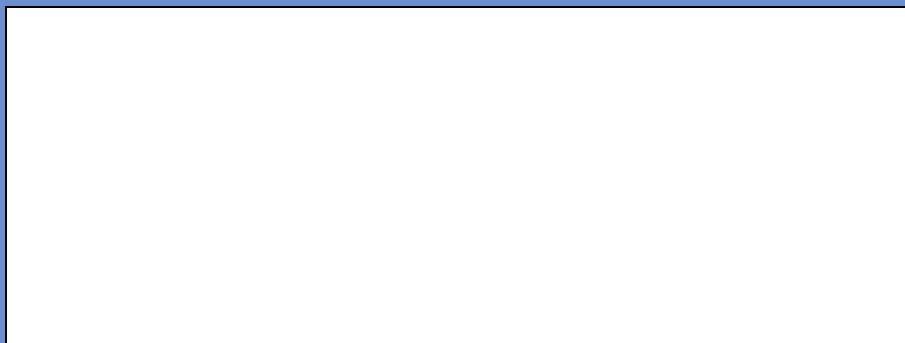
Daikin units comply with the European regulations that guarantee the safety of the product.

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

Daikin equipment is designed for comfort applications. For use in other applications, please contact your local Daikin representative.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B-8400 Ostend - Belgium
www.daikineurope.com



EEDE06-2