



Air Conditioners

Technical Data

Floor standing unit



EEDEN12-100

FVXS-F

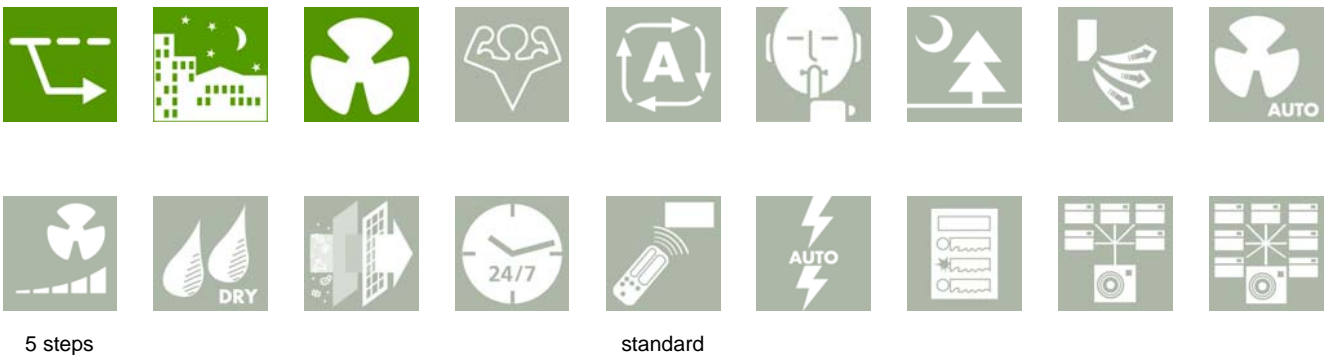
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FVXS-F

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1 Features

- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Ideal for installation beneath a window
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Whisper quiet operation: down to 23dBA sound pressure level
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Can be installed against a wall or recessed



5 steps

standard

2 Specifications

2-1 Technical Specifications				FVXS25F	FVXS35F	FVXS50F	
Power input - 50Hz	Cooling	Nom.	kW	0.015		0.027	
	Heating	Nom.	kW	0.017		0.034	
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth	mm	600/700/210			
	Packed unit	Height/Width/Depth	mm	696/786/286			
Weight	Unit		kg	14			
	Packed unit		kg	18			
Heat exchanger	Length		mm	510			
	Rows	Quantity		2			
	Fin pitch		mm	1.2			
	Stages	Quantity		22			
	Tube type		ø6.35 Hi-XU				
	Fin	Type		Multi slit fin			
Fan	Type			Turbo fan			
	Quantity			-	1		
	Air flow rate	Cooling	High	m³/min	8.2	8.5	10.7
				cfm	290	-	-
			Nom.	m³/min	6.5	6.7	9.2
				cfm	230	-	-
			Low	m³/min	4.8	4.9	7.8
				cfm	169	-	-
		Silent operation	m³/min	4.1	4.5	6.6	
			cfm	145	-	-	
		Heating	High	m³/min	8.8	9.4	11.8
				cfm	311	-	-
			Nom.	m³/min	6.9	7.3	10.1
				cfm	244	-	-
	Low		m³/min	5.0	5.2	8.5	
cfm			177	-	-		
Silent operation	m³/min	4.4	4.7	7.1			
	cfm	155	-	-			
Fan motor	Quantity			-	1		
	Model			D48D-28			
	Speed	Steps		5 + silent, + auto		5	
		Cooling	High/Medium/Low/Silent operation	rpm	640/520/400/360		650/530/410/380
					800/700/600/520		
		Heating	High/Medium/Low/Silent operation	rpm	680/550/420/380		700/560/420/390
850/740/630/540							
Output	High		W				
Sound power level	Cooling	High/Nom.	dBA	-/54	55/-	56/-	
	Heating	High/Nom.	dBA	-/54	55/-	57/-	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32	
	Heating	Super high/High/Nom./Low/Silent operation	dBA	-/38/32/26/23	-/39/33/27/24	-/45/40/36/32	
Refrigerant	Type			R-410A			

2 Specifications

2

2-1 Technical Specifications			FVXS25F	FVXS35F	FVXS50F
Piping connections	Liquid	OD	6.35		
	Gas	OD	9.5	9.52	12.7
	Drain		20		
	Heat insulation		Both liquid and gas pipes		
Temperature control			Microcomputer control		
Air direction control			Right, Left, Horizontal, Downward		
Air filter	Type			Removable / washable / mildew proof	

Standard Accessories : Thermal insulation tape; Quantity : 2;

Standard Accessories : Air purification filter; Quantity : 2;

Standard Accessories : Drain hose; Quantity : 1;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Batteries; Quantity : 2;

Standard Accessories : Wireless remote control; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Air supply filter; Quantity : 1;

2-2 Electrical Specifications				FVXS25F	FVXS35F	FVXS50F
Power supply	Name		V1			
	Phase		1~			
	Frequency	Hz	50			
	Voltage		V			
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.14 (1) / 0.13 (2) / 0.12 (3)	0.13	0.17
		Heating	A	0.15 (1) / 0.14 (2) / 0.13 (3)	0.14	0.19
Current - 50Hz	Zmax	List	-			
	Maximum running current	A	-	0.15	0.20	
Current - 60Hz	Nominal running current		A	-		
Wiring connections - 50Hz	For power supply	Quantity	-			
		Remark	3 for power supply, 4 for interunit wiring (Earth wire included)		3	
				4 for interunit wiring (earth wire included)		

Notes

(1) 220V

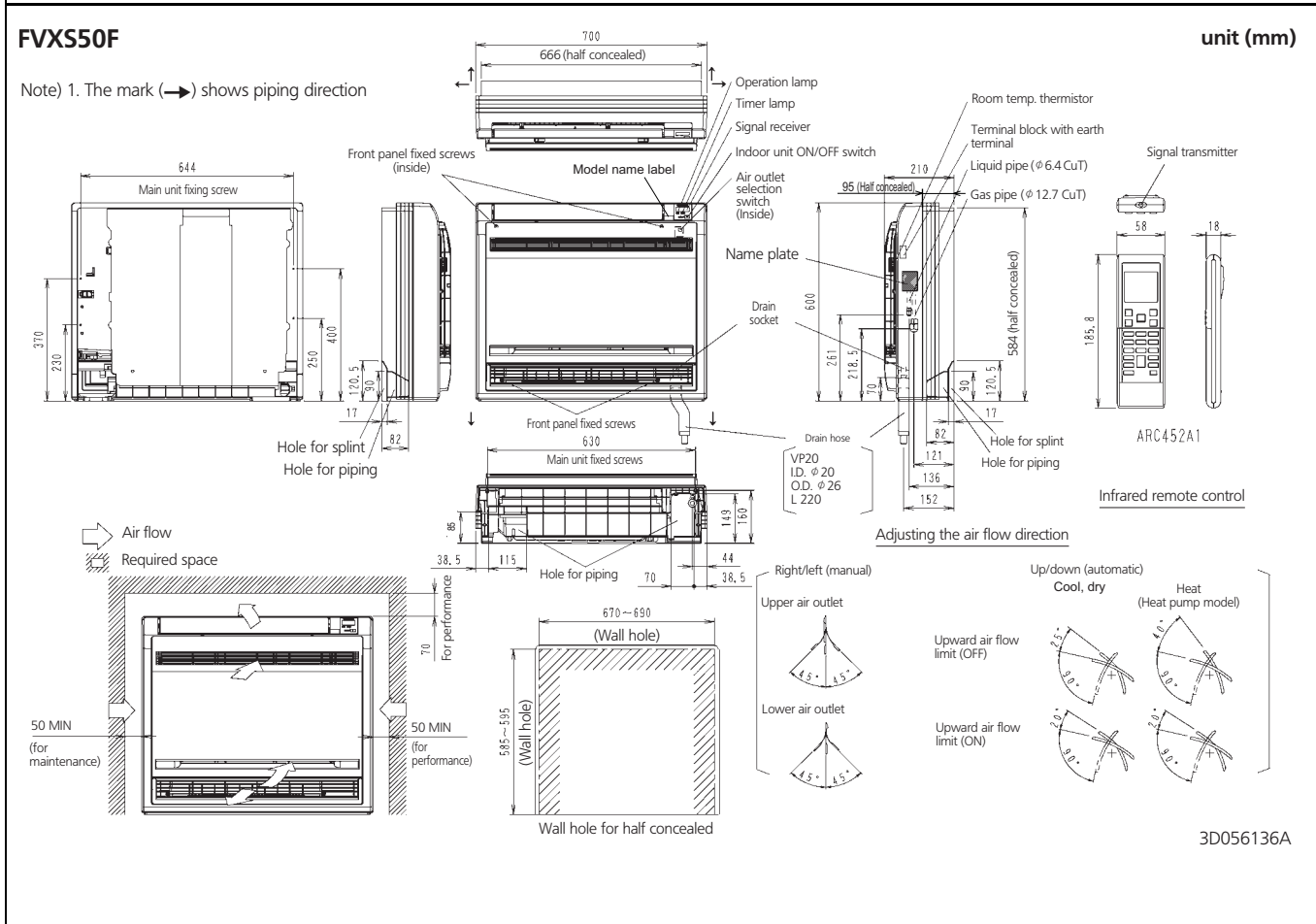
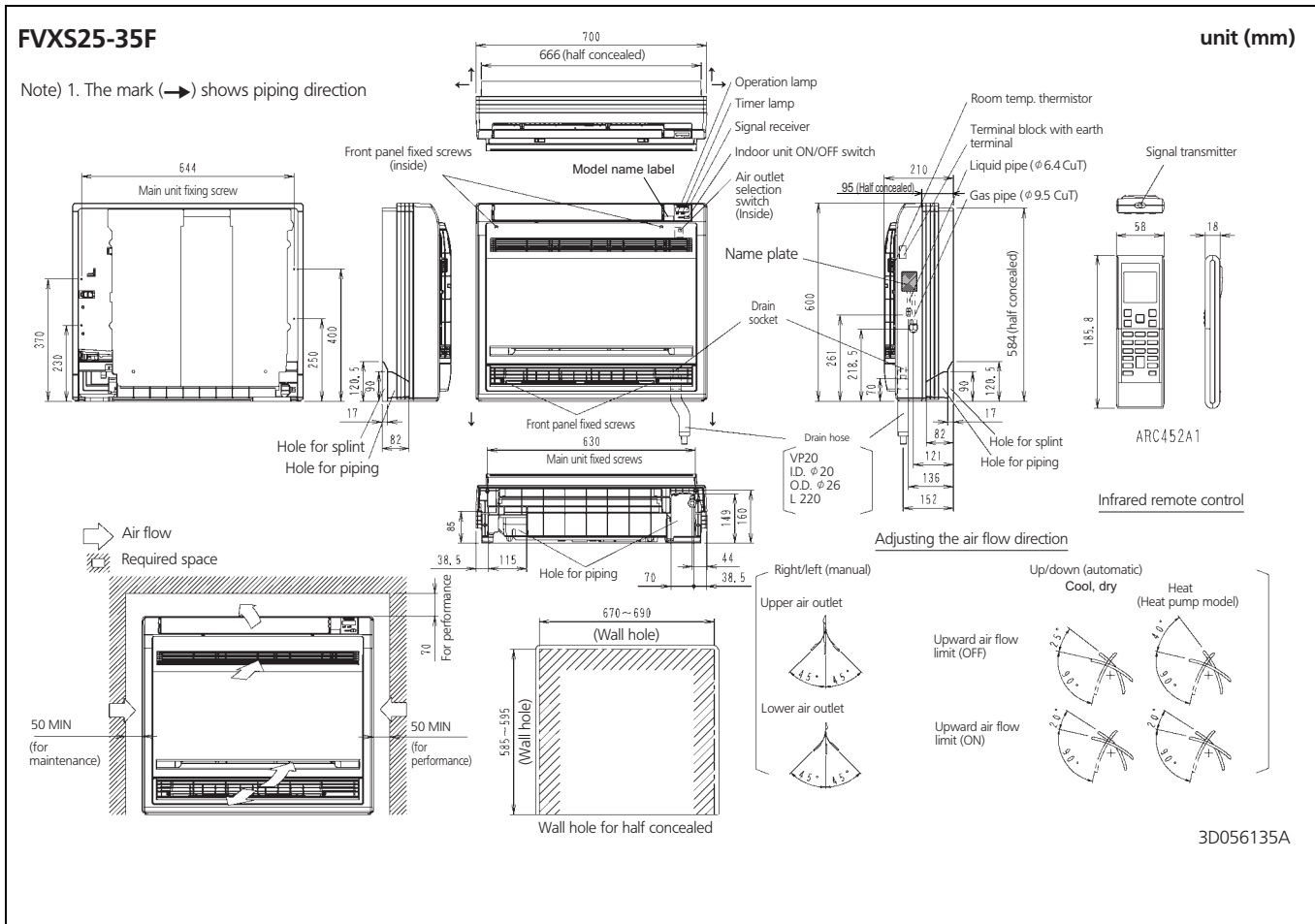
(2) 230V

(3) 240V

(4) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.

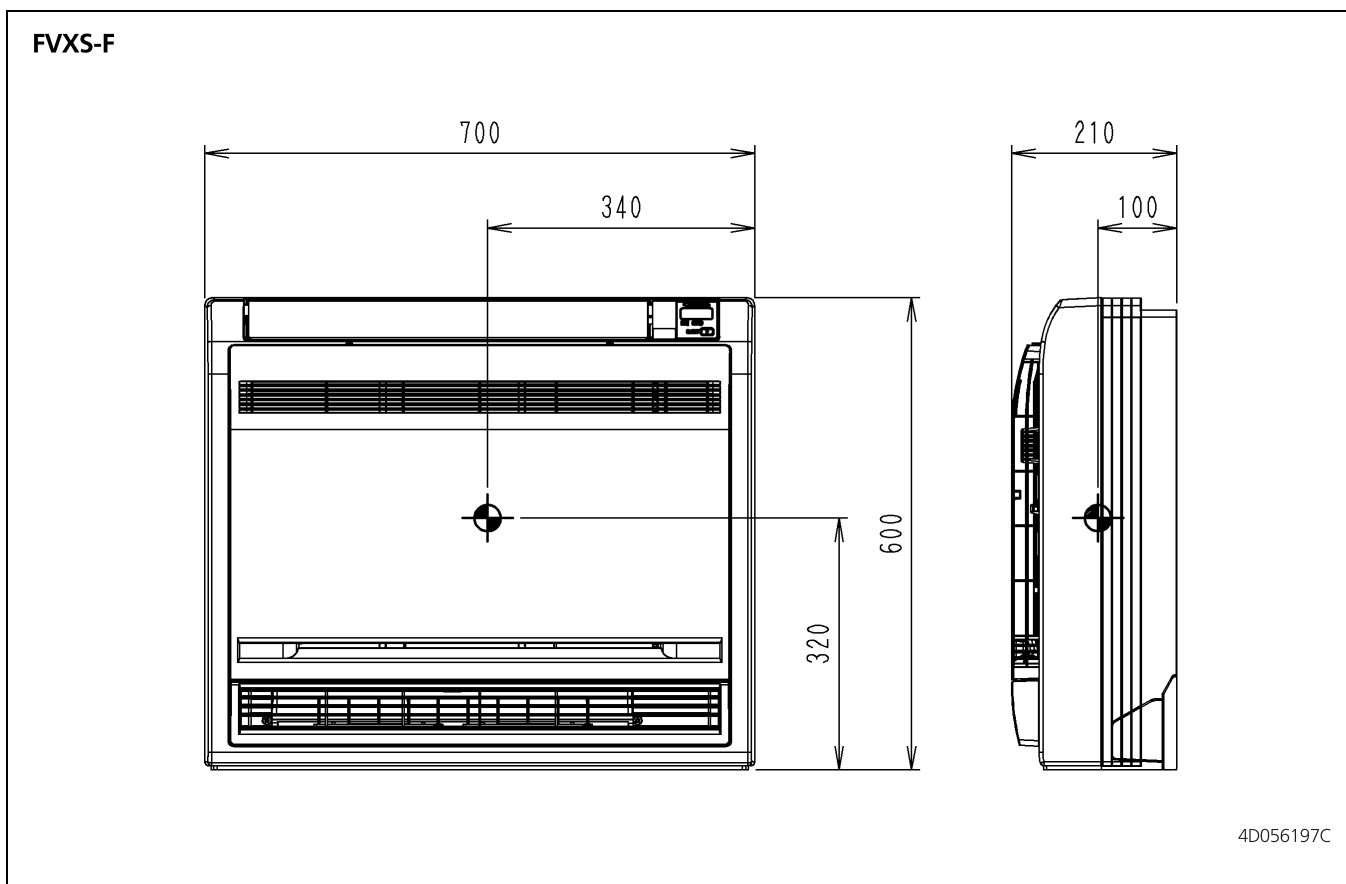
3 Dimensional drawings

3 - 1 Dimensional Drawings



4 Centre of gravity

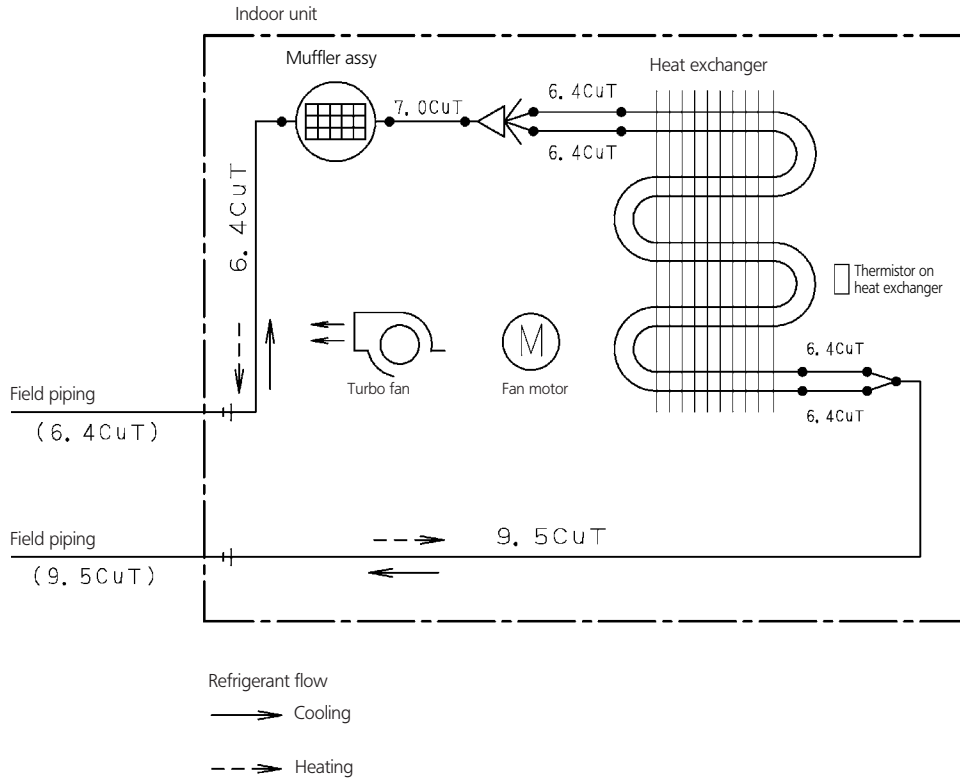
4 - 1 Centre of Gravity



5 Piping diagrams

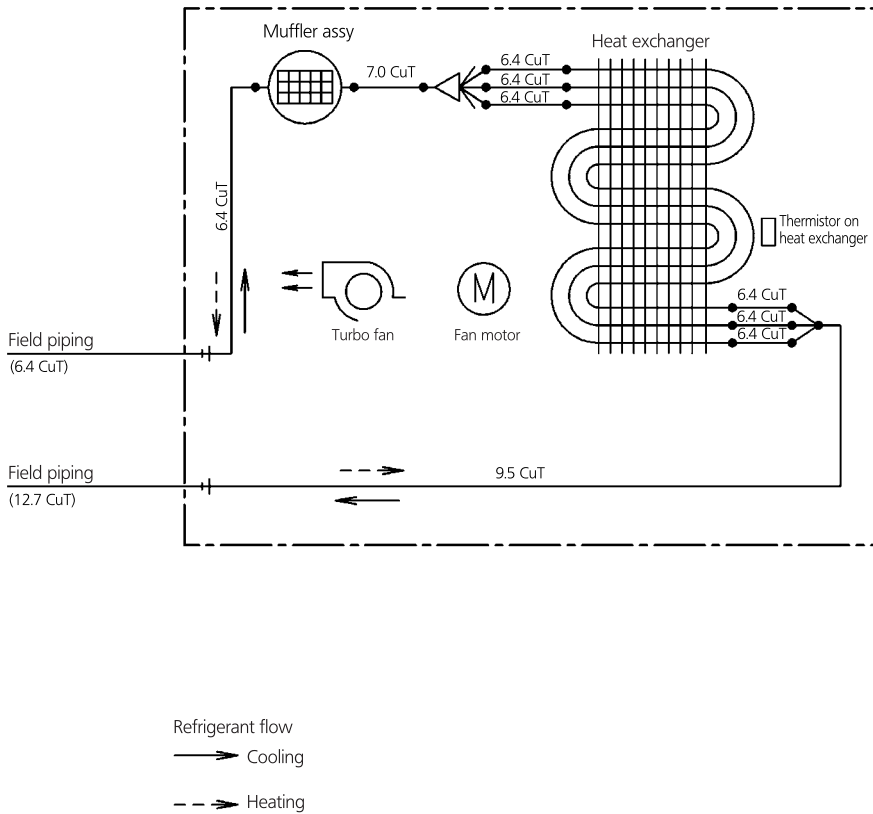
5 - 1 Piping Diagrams

FVXS25-35F



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FVXS50F



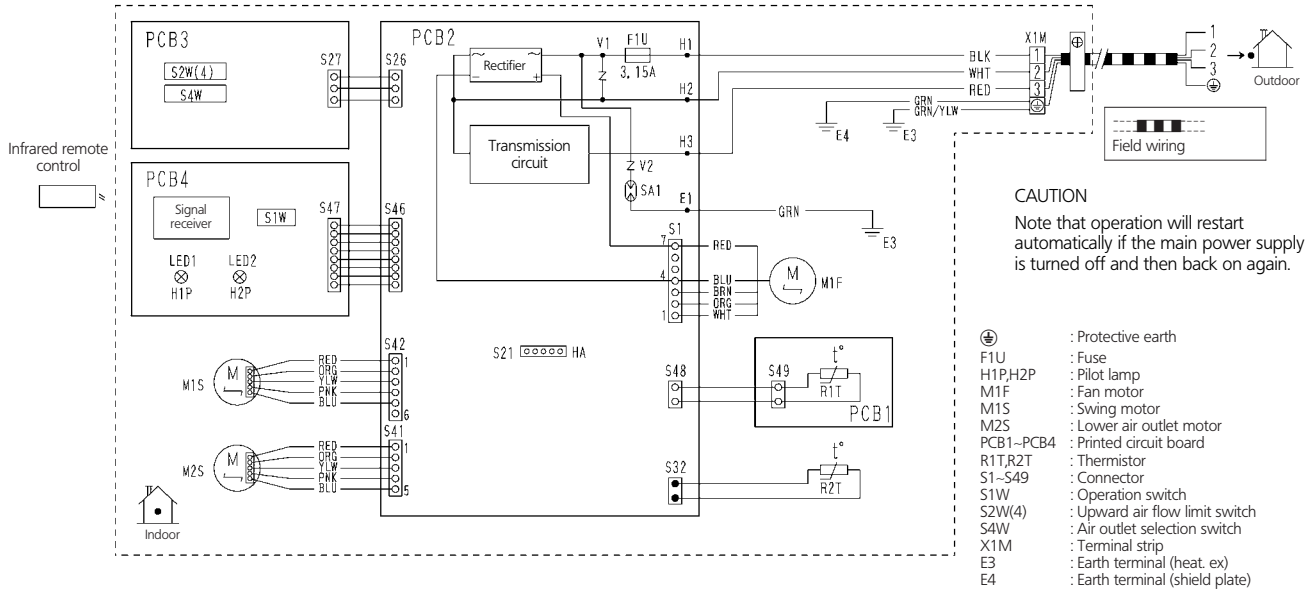
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6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

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FVXS25-50F

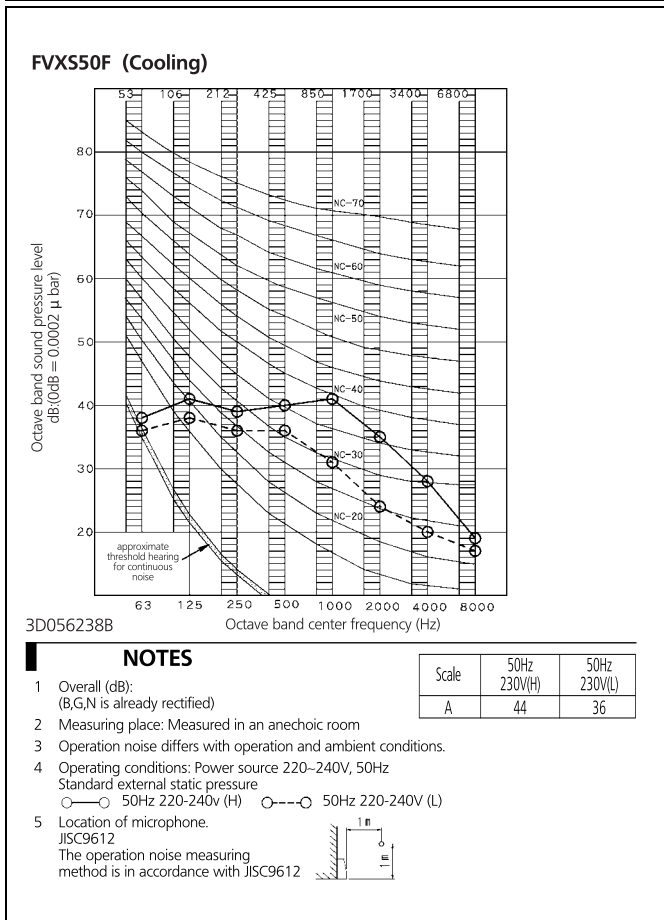
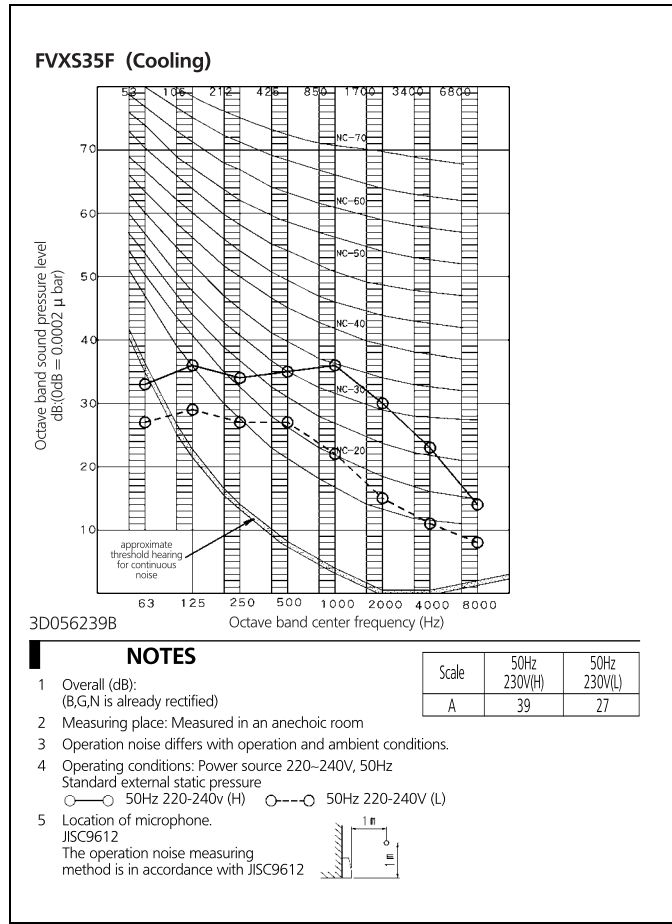
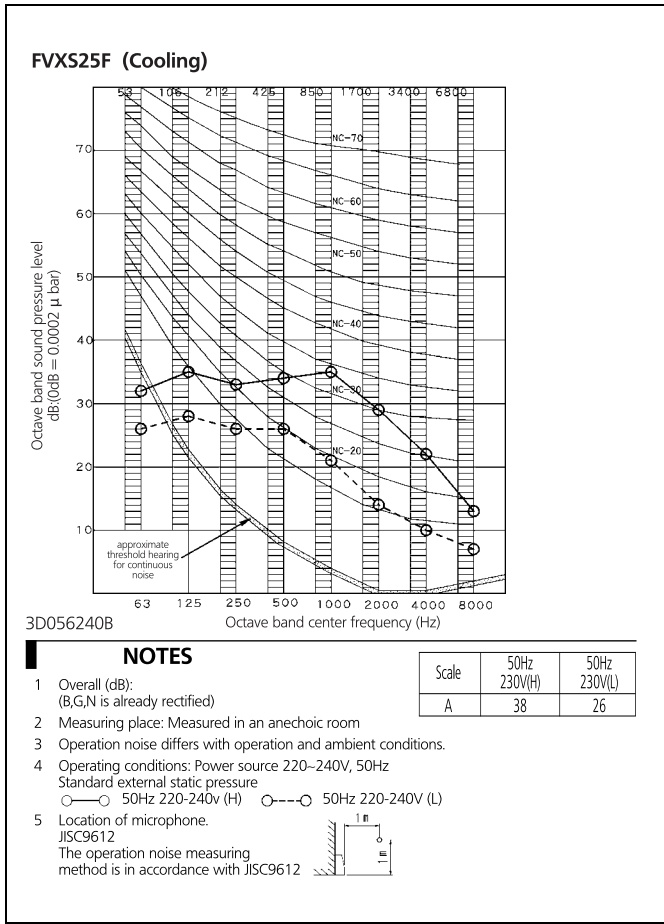


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7 Sound data

7 - 1 Sound Pressure Spectrum - Cooling

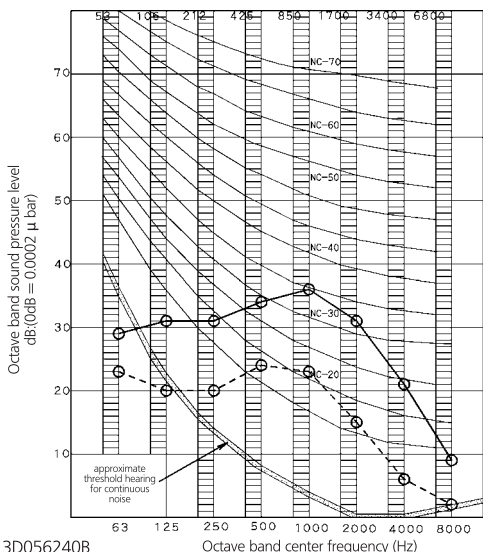


7 Sound data

7 - 2 Sound Pressure Spectrum - Heating

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FVXS25F (Heating)



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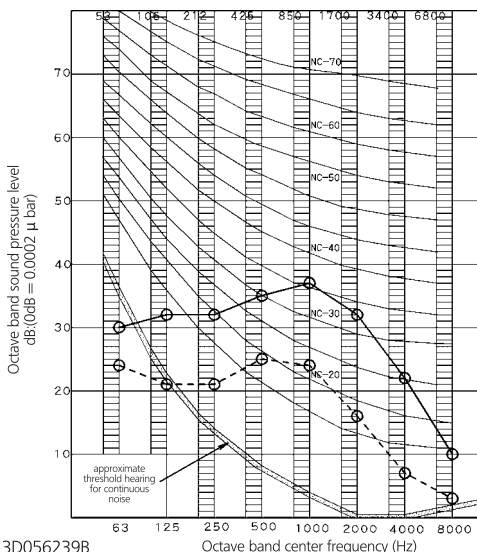
NOTES

- Overall (dB): (B,G,N is already rectified)
- Measuring place: Measured in an anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V, 50Hz Standard external static pressure
 ○—○ 50Hz 220-240v (H) ○---○ 50Hz 220-240v (L)
- Location of microphone. JISC9612
 The operation noise measuring method is in accordance with JISC9612

Scale	50Hz 230V(H)	50Hz 230V(L)
A	38	26



FVXS35F (Heating)



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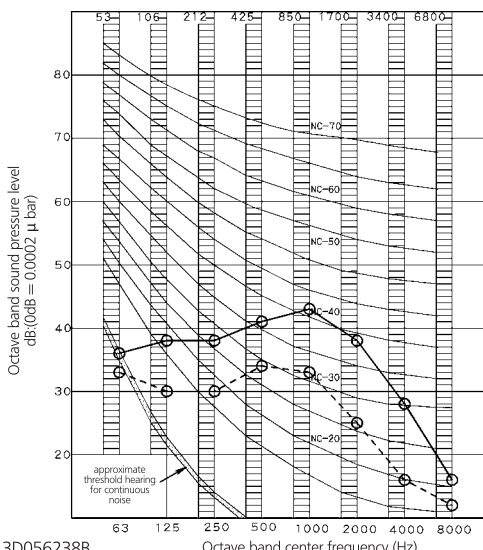
NOTES

- Overall (dB): (B,G,N is already rectified)
- Measuring place: Measured in an anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V, 50Hz Standard external static pressure
 ○—○ 50Hz 220-240v (H) ○---○ 50Hz 220-240v (L)
- Location of microphone. JISC9612
 The operation noise measuring method is in accordance with JISC9612

Scale	50Hz 230V(H)	50Hz 230V(L)
A	39	27



FVXS50F (Heating)



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NOTES

- Overall (dB): (B,G,N is already rectified)
- Measuring place: Measured in an anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V, 50Hz Standard external static pressure
 ○—○ 50Hz 220-240v (H) ○---○ 50Hz 220-240v (L)
- Location of microphone. JISC9612
 The operation noise measuring method is in accordance with JISC9612

Scale	50Hz 230V(H)	50Hz 230V(L)
A	45	36



In all of us,
a green heart



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