

1 Features

- Stylish design
- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Titanium apatite photocatalytic air purification filter
- Can be installed against a wall or recessed
- Dual air discharge flow for better air distribution
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Home leave operation saves energy during absence
- Lightweight but sturdy design



2 Specifications

2-1 FOR INDOOR UNITS ONLY			FVXS25FV1B	FVXS35FV1B	FVXS50FV1B
Nominal input (Indoor only)	Cooling	kW	0.015	0.015	0.027
	Heating	kW	0.017		

2-2 TECHNICAL SPECIFICATIONS				FVXS25FV1B		FVXS35FV1B		FVXS50FV1B	
Casing	Colour			White					
Dimensions	Packing	Height	mm	696		696		696	
		Width	mm	786		786		786	
		Depth	mm	286		286		286	
	Unit	Height	mm	600		600		600	
		Width	mm	700		700		700	
		Depth	mm	210		210		210	
Weight	Unit		kg	14		14		14	
	Packed Unit		kg	18		18		18	
Heat Exchanger	Dimensions	Length	mm	510		510		510	
		Nr of Rows		2		2		2	
		Fin Pitch	mm	1.2		1.2		1.2	
		Nr of Stages		22		22		22	
	Tube type			ø6.35 Hi-XU					
	Fin	Type		Multi slit fin					
Fan	Type			Turbo fan					
	Quantity			1		1		1	
Air Flow Rate	Cooling	High	m³/min	8.2		8.5		10.7	
		Medium	m³/min	6.5		6.7		9.2	
		Low	m³/min	4.8		4.9		7.8	
		Silent Operation	m³/min	4.1		4.5		6.6	
	Heating	High	m³/min	8.8					
		Medium	m³/min	6.9					
		Low	m³/min	5.0					
		Silent Operation	m³/min	4.4					
Fan	Motor	Quantity		1		1		1	
		Model		D48D-28					
		Number of steps		5		5		5	
Motor	Speed (cooling)	High	rpm	640		650		800	
		Medium	rpm	520		530		700	
		Low	rpm	400		410		600	
		Silent Operation	rpm	360		380		520	
	Speed (heating)	High	rpm	680					
		Medium	rpm	550					
		Low	rpm	420					
		Silent Operation	rpm	380					
Fan	Motor	Output (high)	W	48		48		48	
Cooling	Sound Power	High	dBA	54		55		56	
	Sound Pressure	High	dBA	38		39		44	
		Medium	dBA	32		33		40	
		Low	dBA	26		27		36	
		Silent Operation	dBA	23		24		32	
Heating	Sound Power	High	dBA	54					
	Sound Pressure	High	dBA	38					
		Medium	dBA	32					
		Low	dBA	26					
		Silent Operation	dBA	23					
Refrigerant	Type			R-410A					

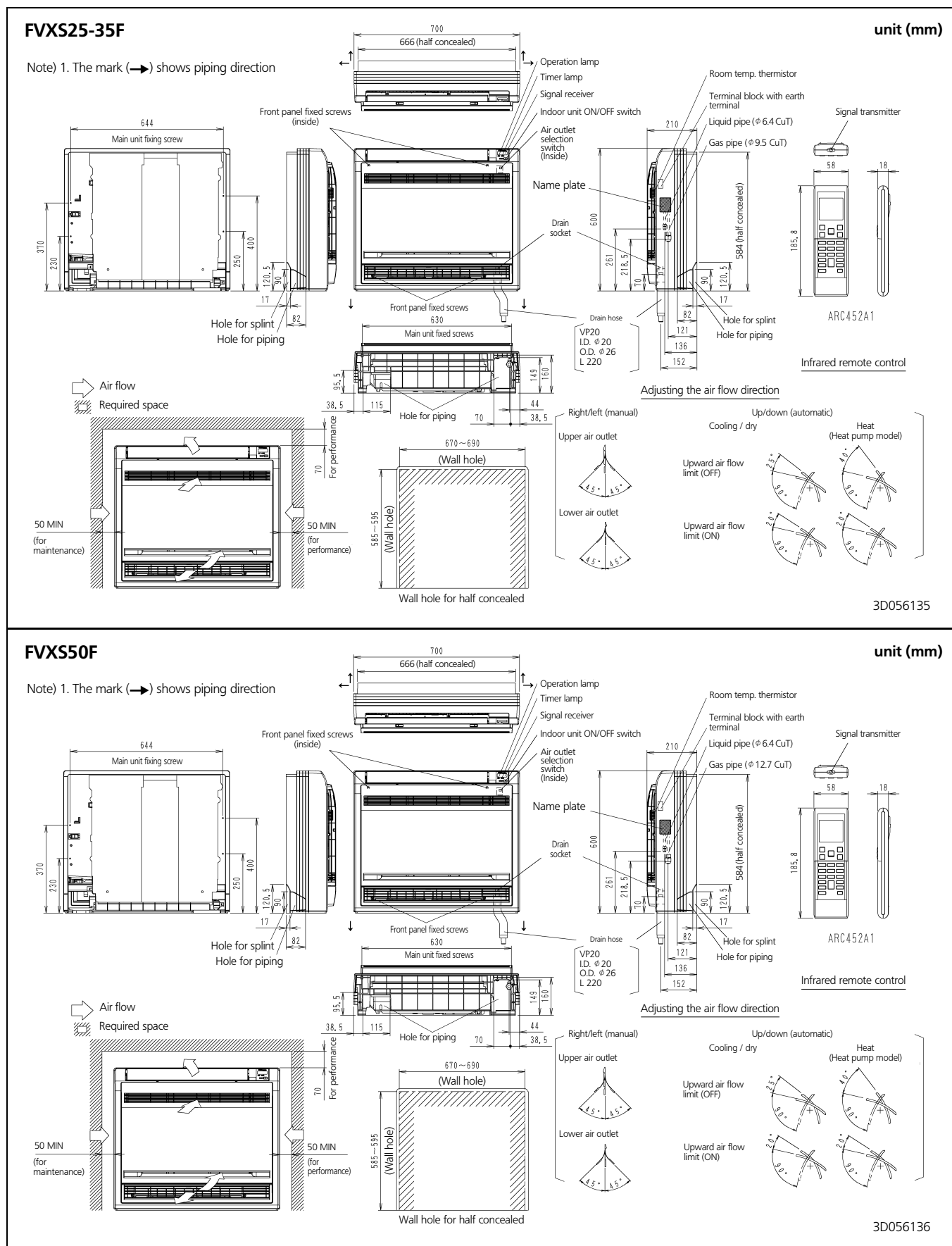
2 Specifications

2-2 TECHNICAL SPECIFICATIONS				FVXS25FV1B	FVXS35FV1B	FVXS50FV1B
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4	6.4	6.4
	Gas	Diameter (OD)	mm	9.5	9.5	12.7
	Drain	Diameter (OD)	mm	20	20	20
	Heat Insulation			Both liquid and gas pipes		
Air Filter				Removable/washable/Mildew proof		
Air direction control				Right, Left, Horizontal, Downward		
Temperature control				Microcomputer control		
Standard Accessories	Item			Installation manual		
	Quantity			1	1	1
	Item			Operation manual		
	Quantity			1	1	1
	Item			Wireless remote control		
	Quantity			1	1	1
	Item			Batteries		
	Quantity			2	2	2
	Item			Remote control holder		
	Quantity			1	1	1
	Item			Drain hose		
	Quantity			1	1	1
	Item			Air supply filter		
	Quantity			1	1	1
	Item			Thermal insulation tape		
	Quantity			2	2	2

2-3 ELECTRICAL SPECIFICATIONS				FVXS25FV1B	FVXS35FV1B	FVXS50FV1B
Power Supply	Name			V1		
	Phase			1	1	1
	Frequency	Hz		50	50	50
	Voltage	V		220-240		
Current	Nominal running current (RLA)	Cooling	A	0.13	0.13	0.17
		Heating	A	0.14		
	Maximum Running Current		A	0.15	0.14	0.18
Wiring connections	For Power Supply	Quantity		3	3	3
		Remark		4 for interunit wiring (including earth wiring)		

3 Dimensional drawing & centre of gravity

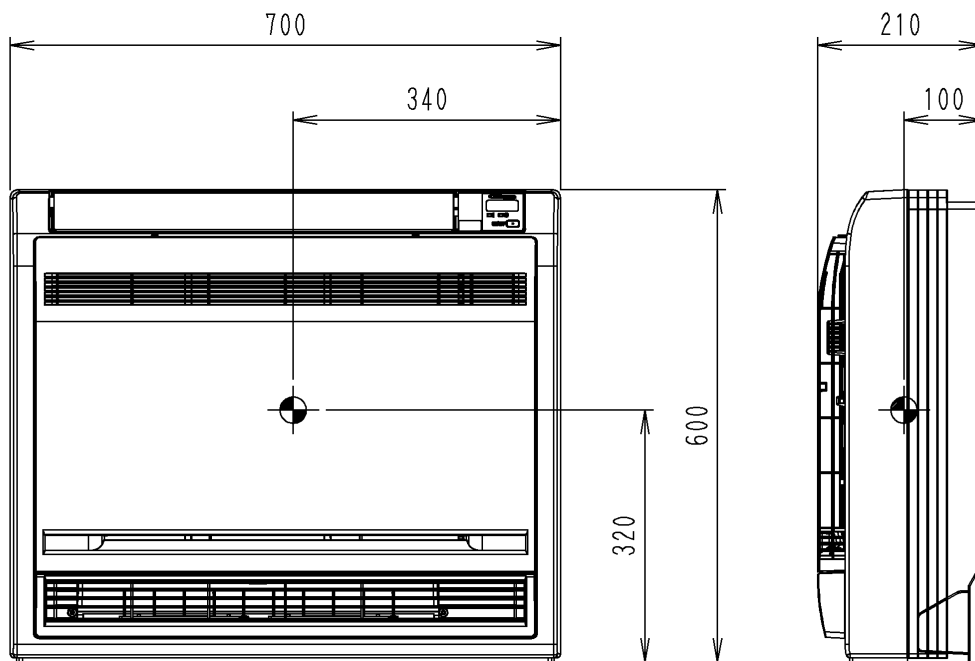
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

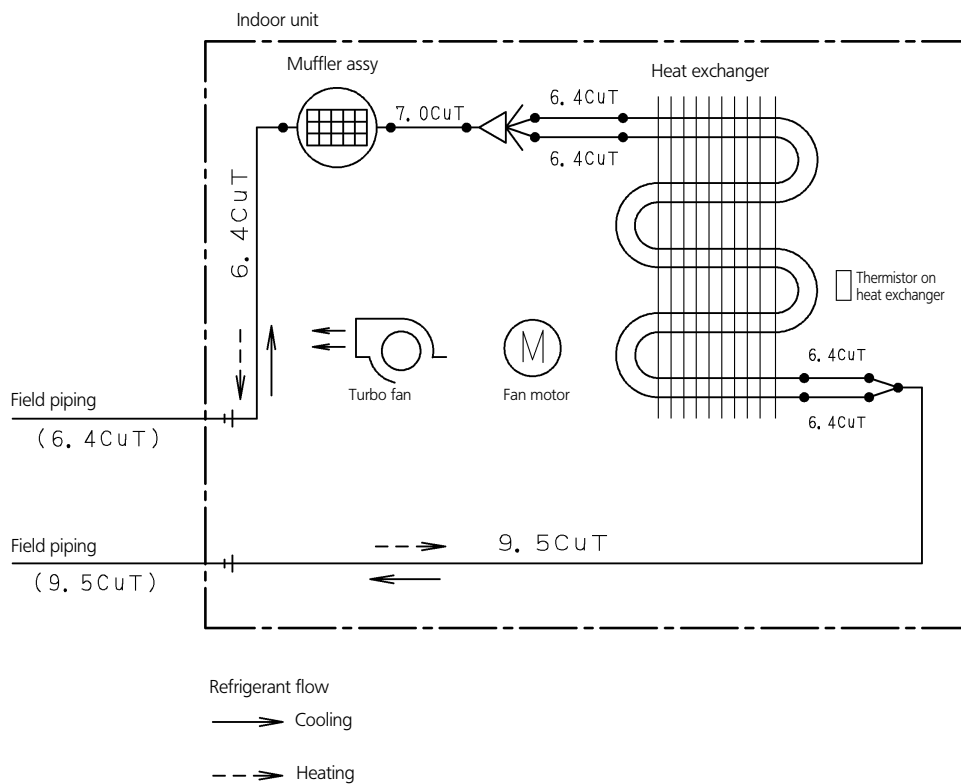
FVXS25-50F



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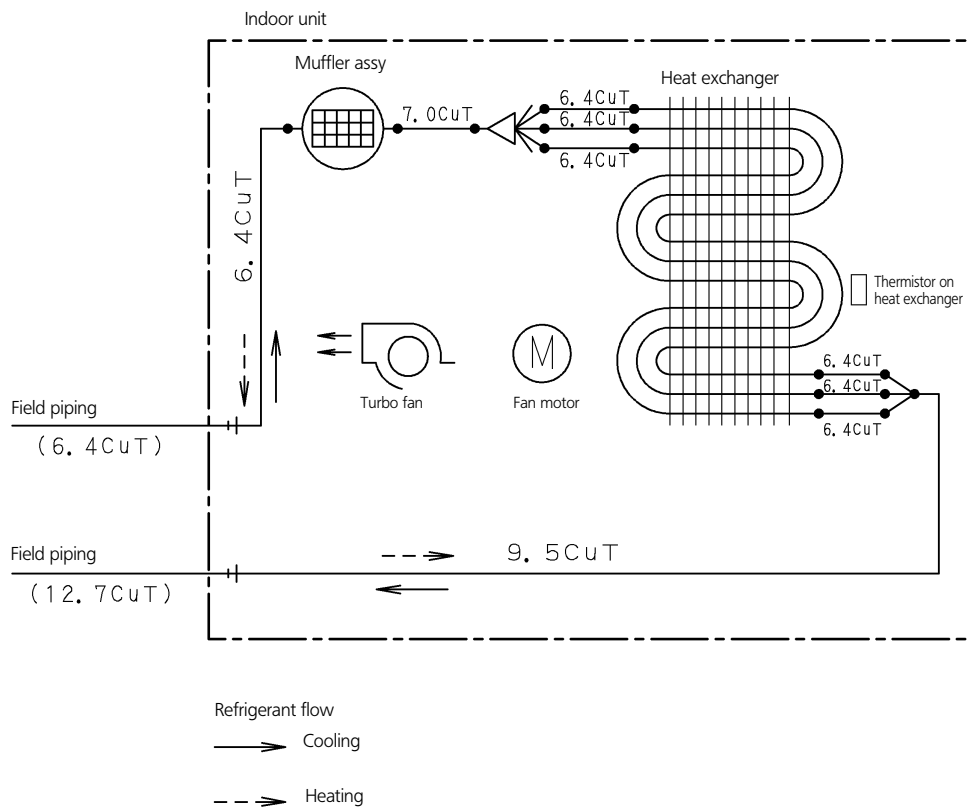
4 Piping diagram

FVXS25-35F



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FVXS50F

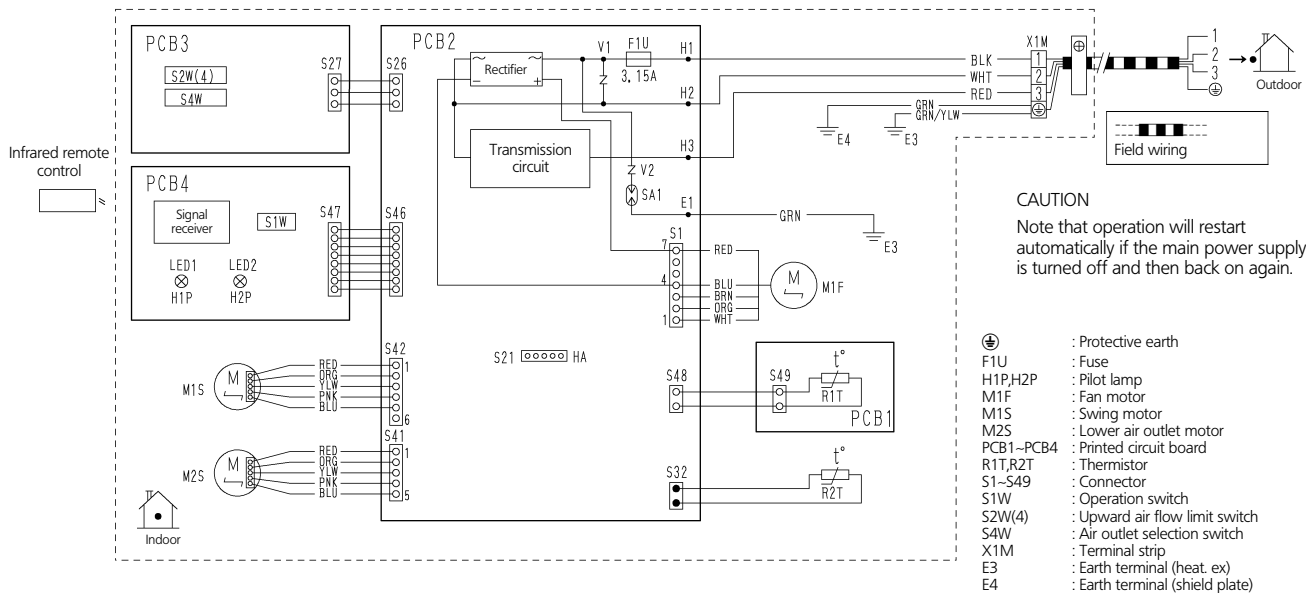


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5 Wiring diagram

5 - 1 Wiring diagram

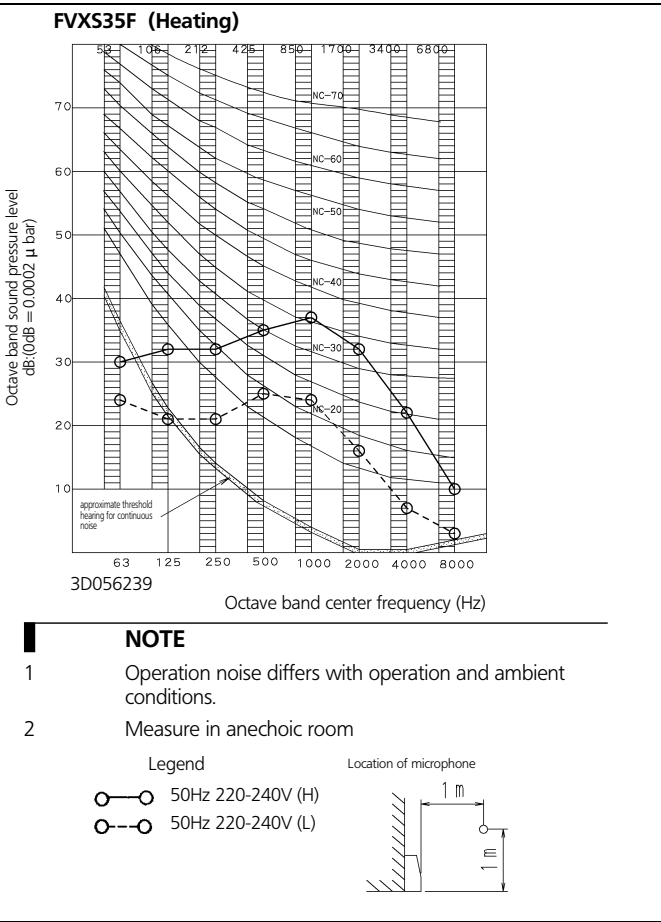
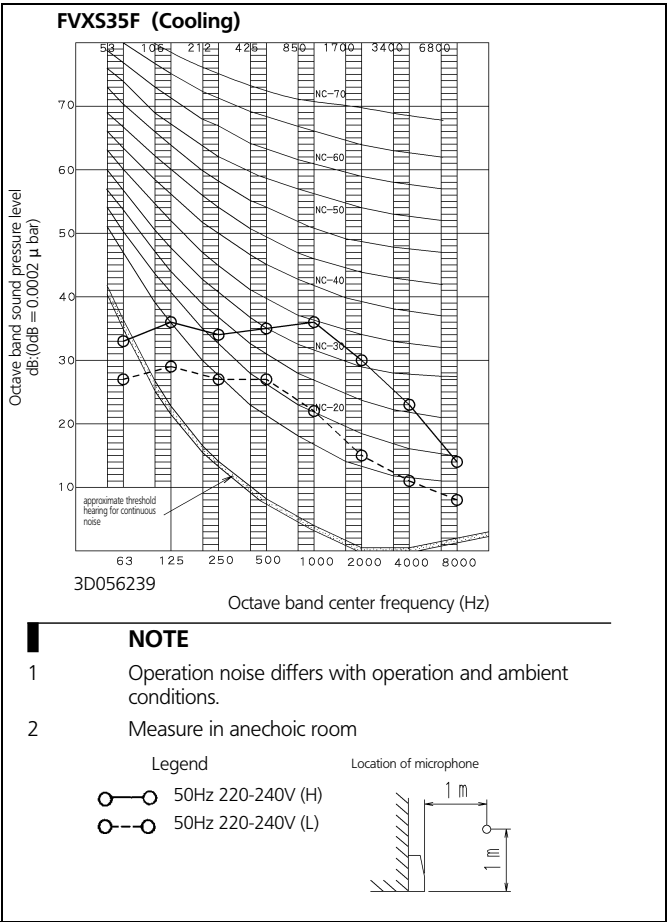
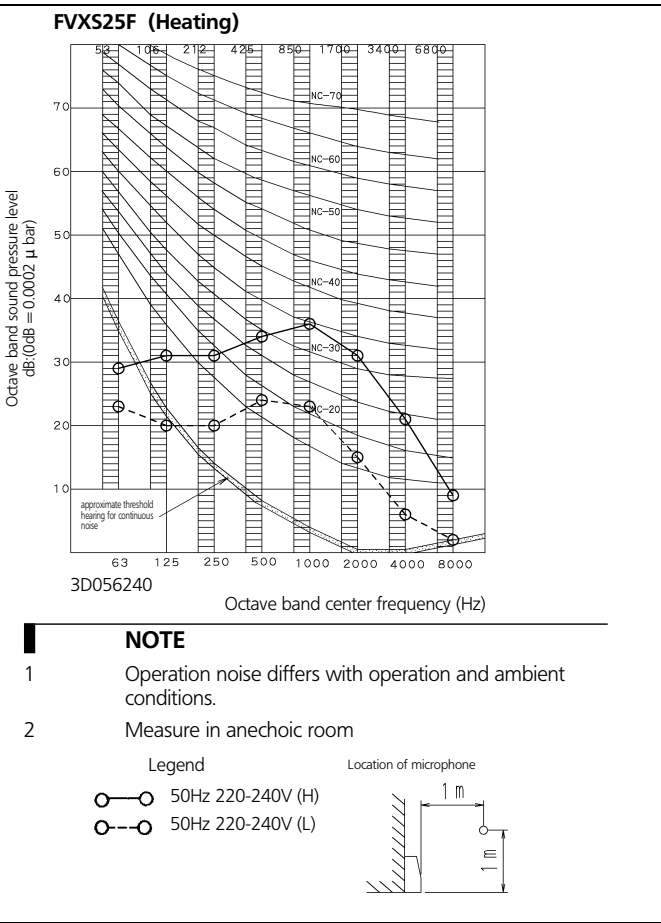
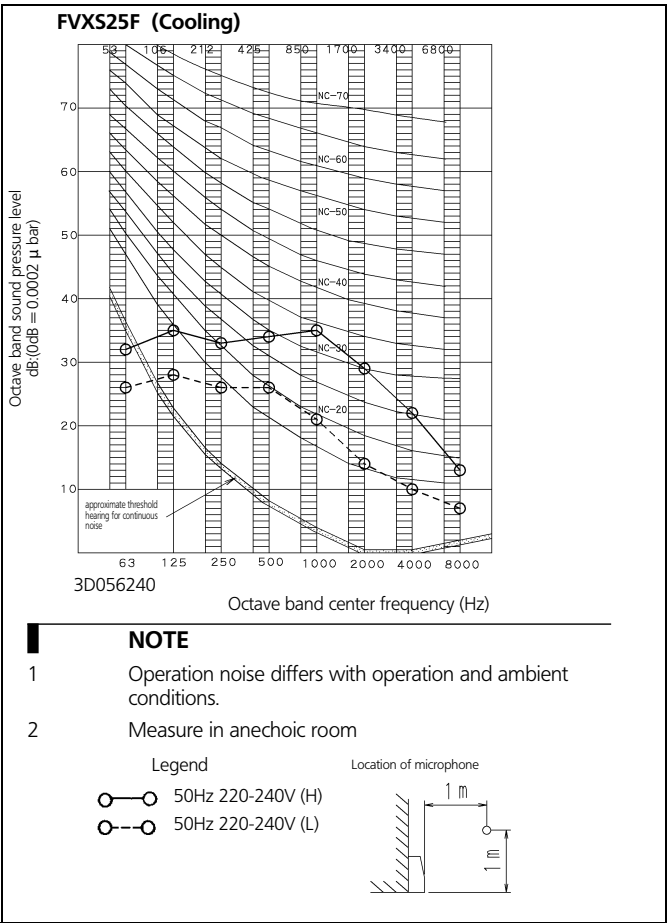
FVXS25-50F



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6 Sound data

6 - 1 Sound pressure spectrum

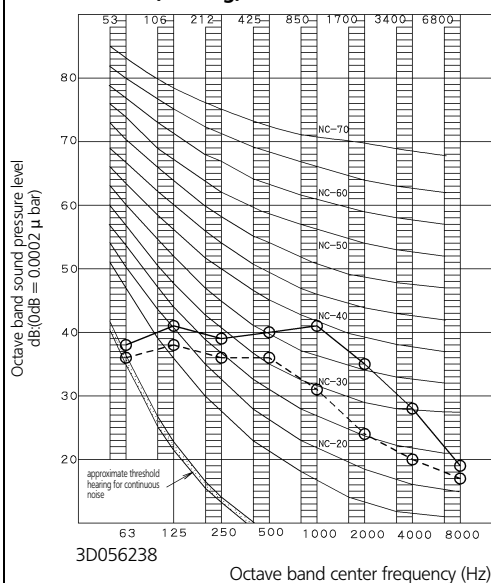


6 Sound data

6 - 1 Sound pressure spectrum

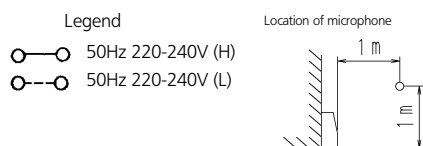
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FVXS50F (Cooling)

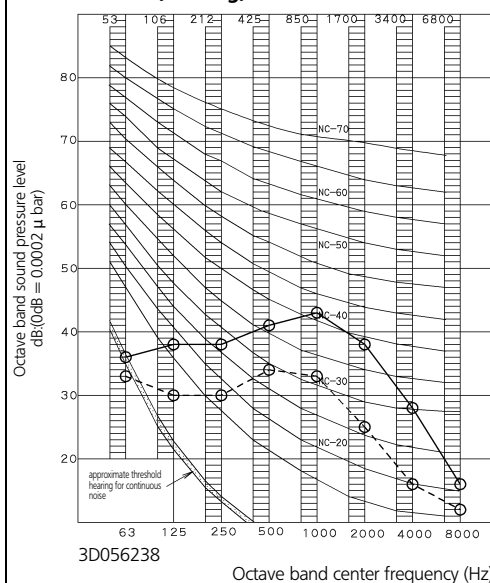


NOTE

- 1 Operation noise differs with operation and ambient conditions.
- 2 Measure in anechoic room



FVXS50F (Heating)



NOTE

- 1 Operation noise differs with operation and ambient conditions.
- 2 Measure in anechoic room

