

technical data



FVXS-FV1B

R-410A

air conditioning systems

Split Sky Air

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FVXS-FV1B

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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

1



optional

5 steps



standard

Titanium apatite
photocatalytic
air purification
filter



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					
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					

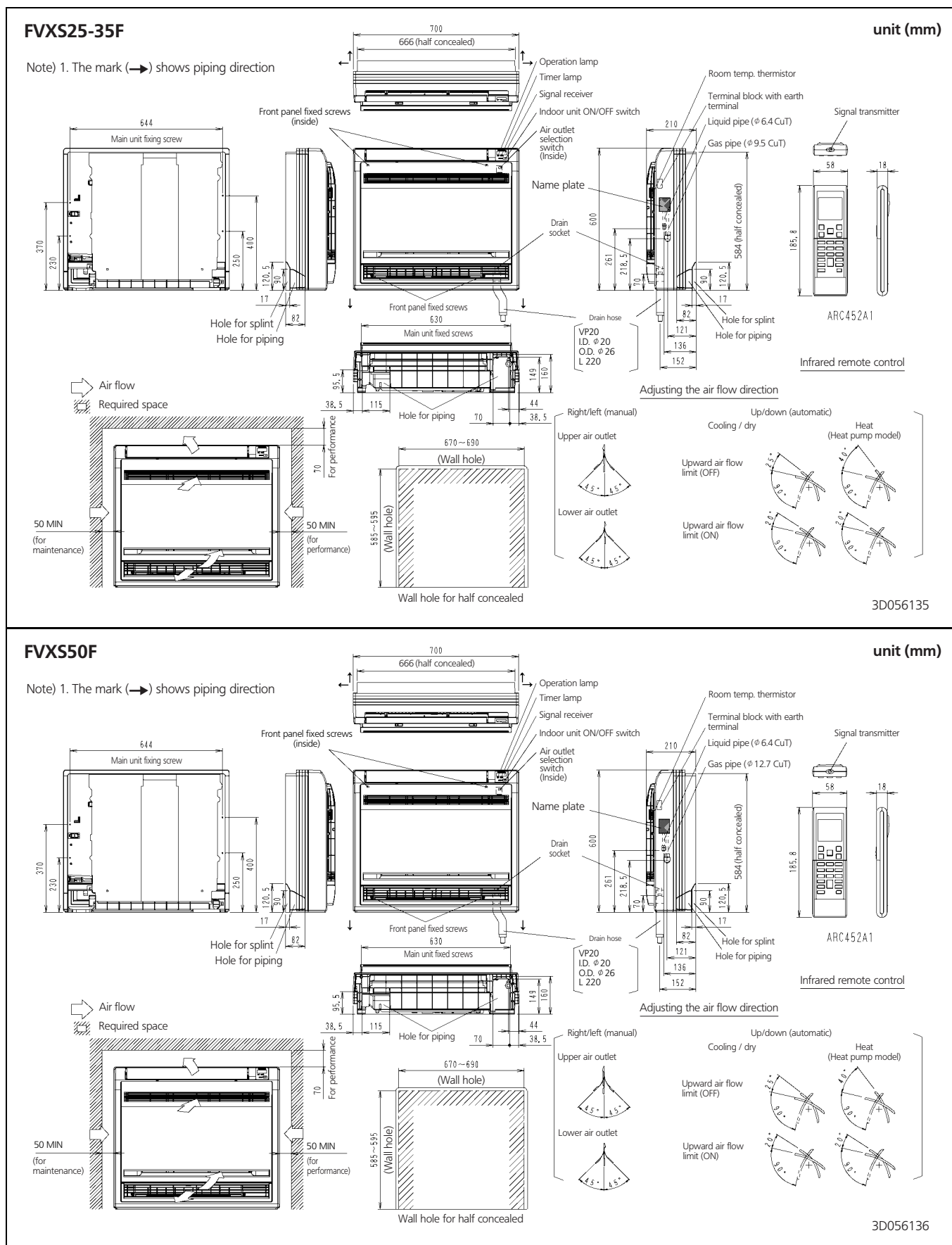
2 Specifications

2-2 TECHNICAL SPECIFICATIONS				FVXS25FV1B	FVXS35FV1B	FVXS50FV1B
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

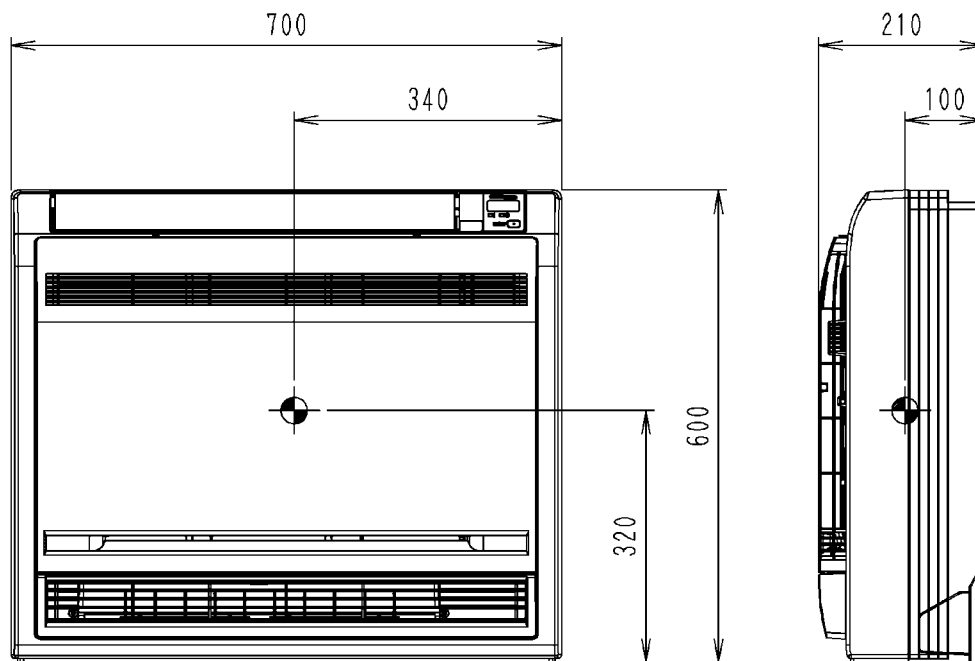
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

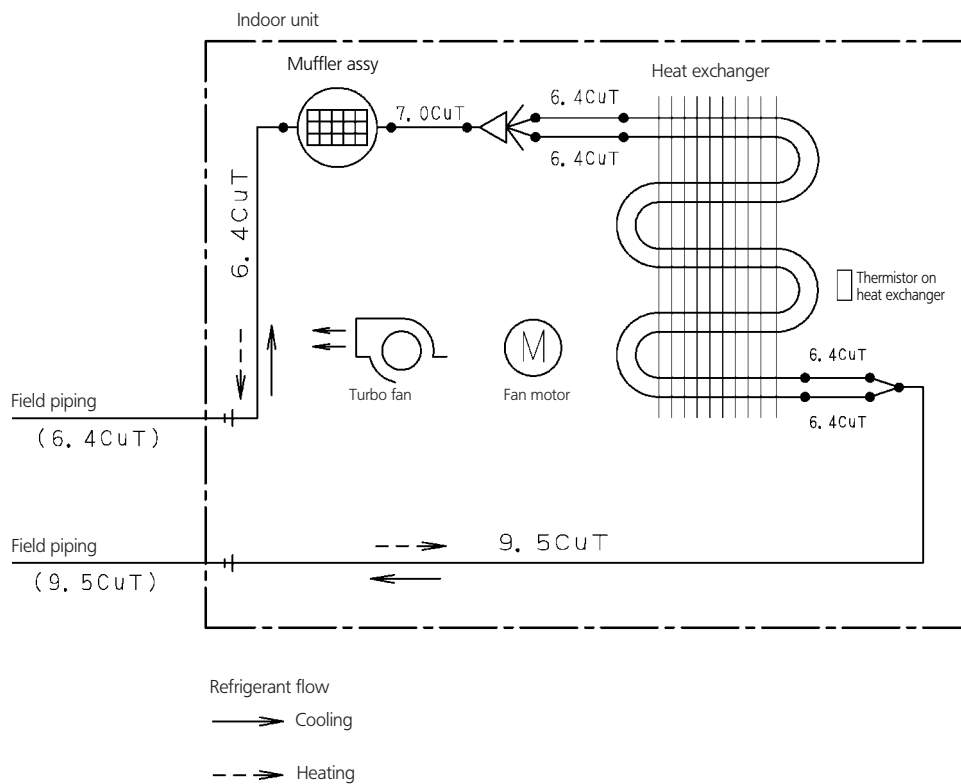
FVXS25-50F



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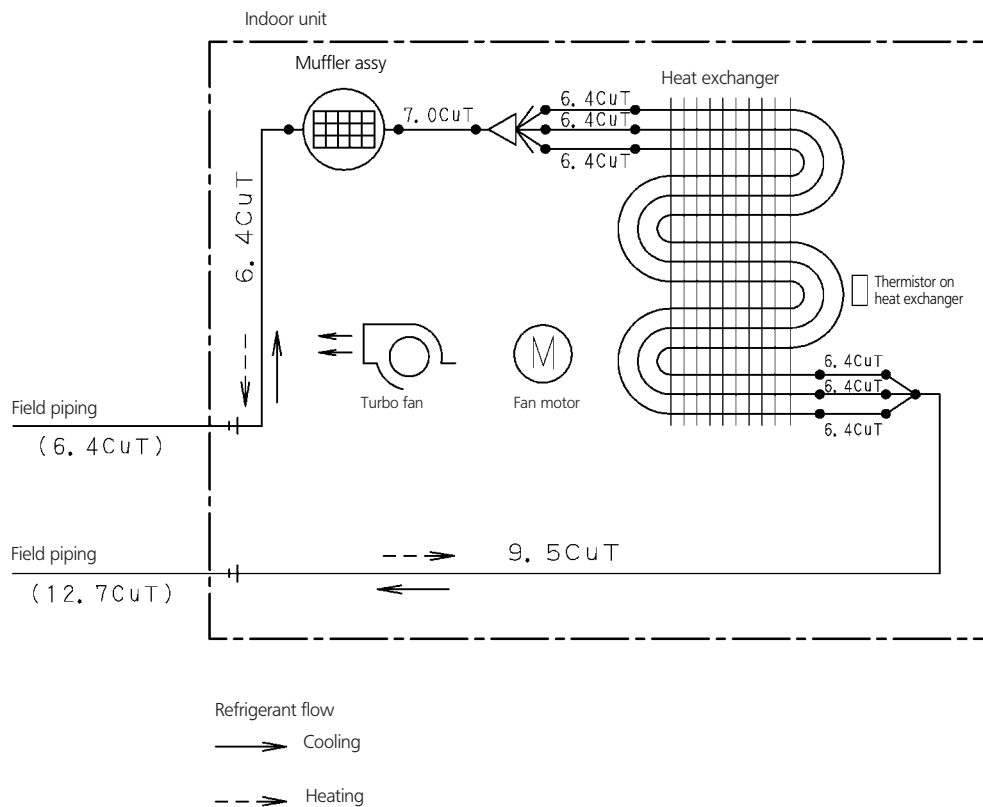
4 Piping diagram

FVXS25-35F



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FVXS50F

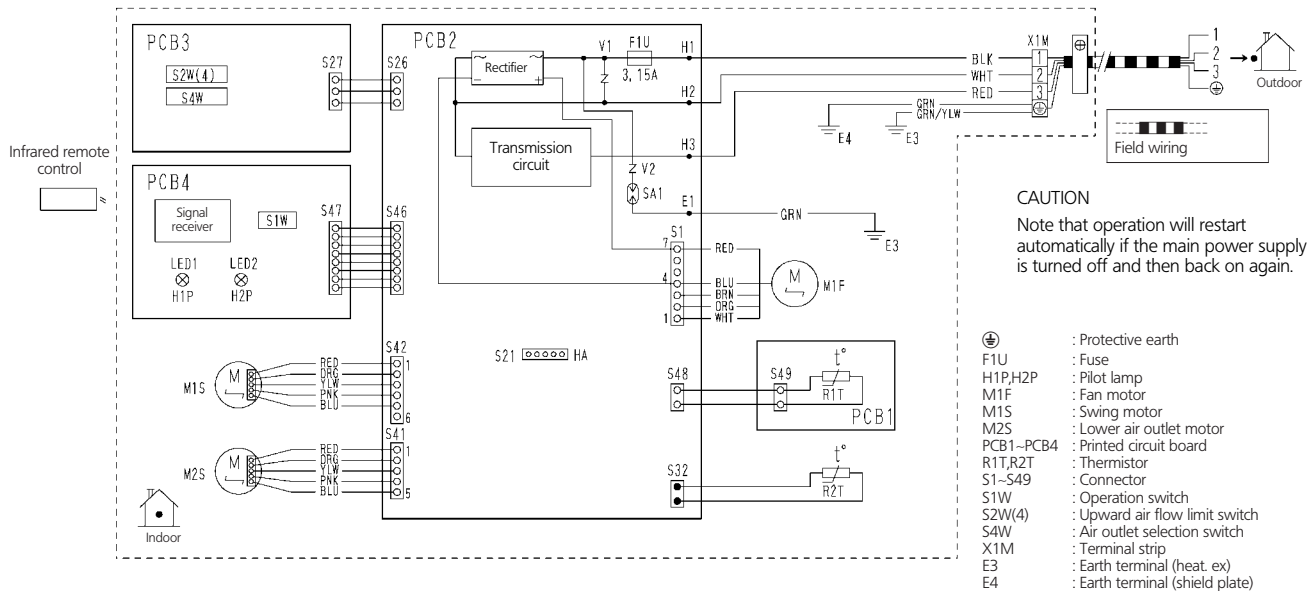


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5 Wiring diagram

5 - 1 Wiring diagram

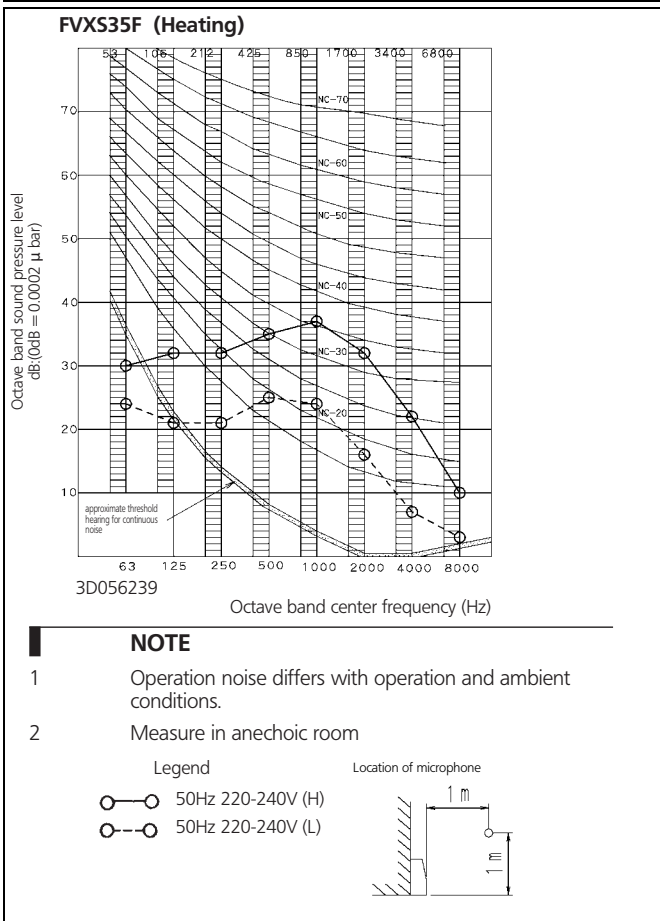
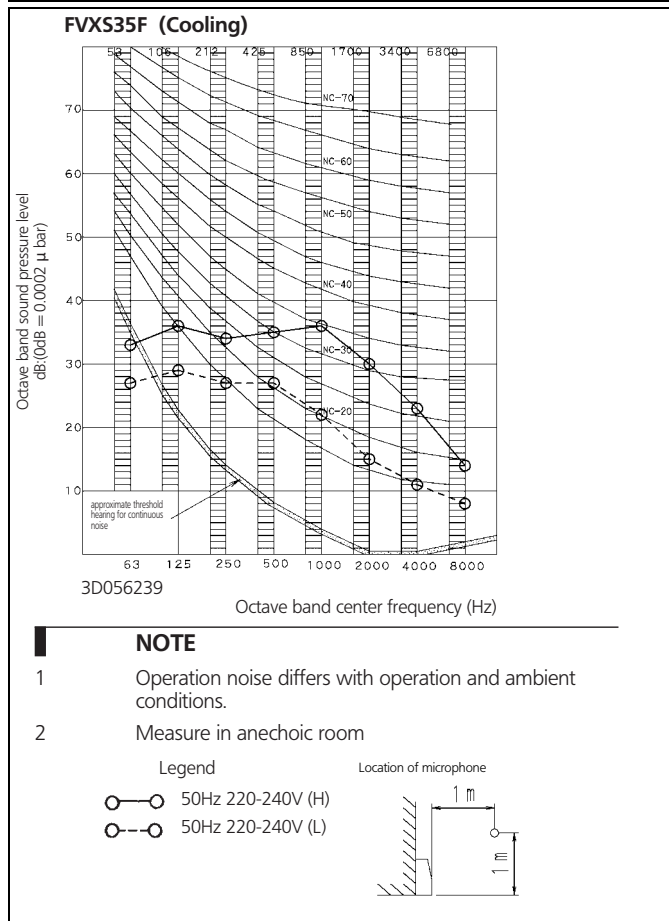
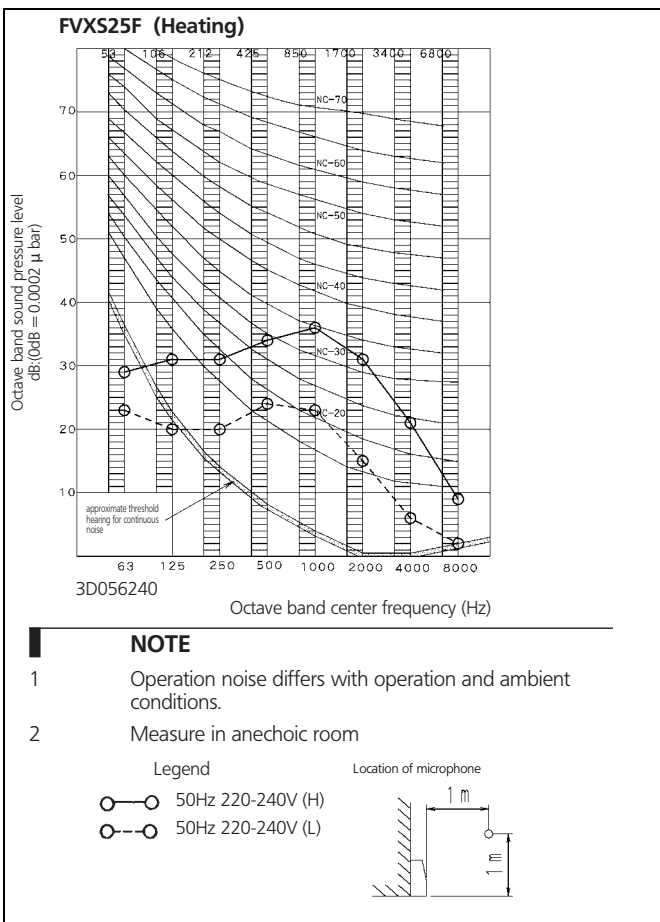
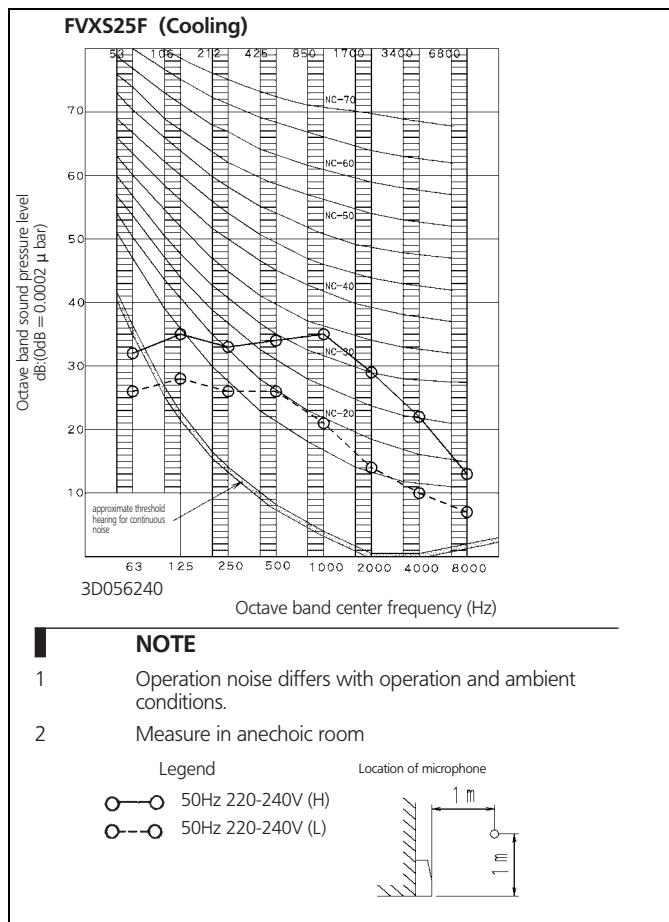
FVXS25-50F



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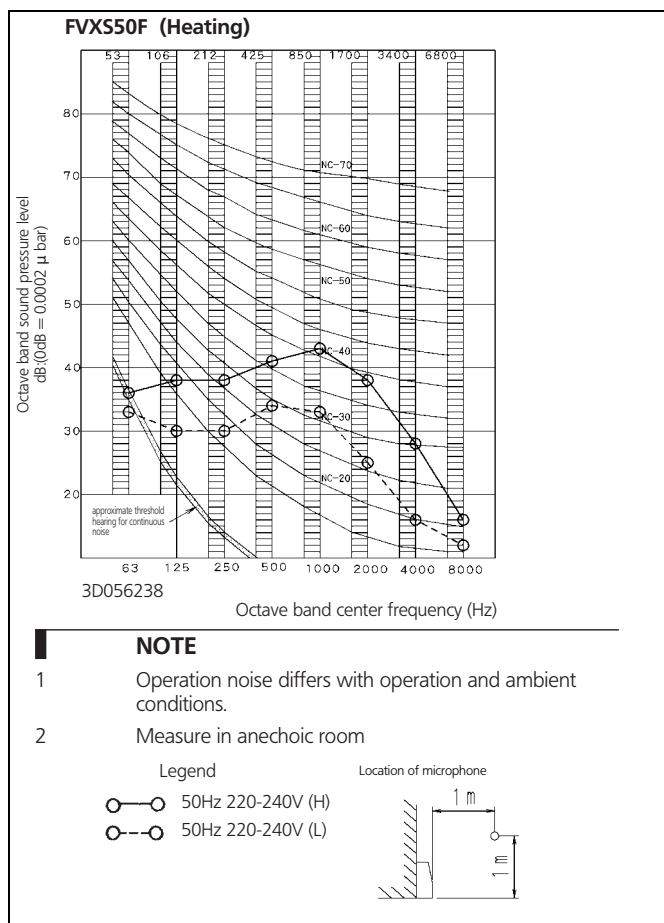
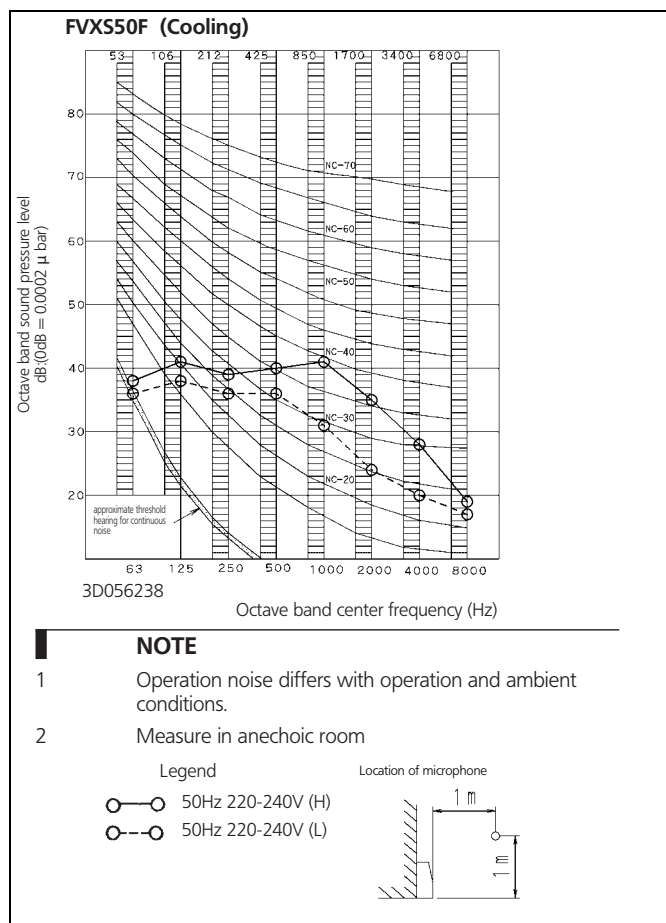
6 Sound data

6 - 1 Sound pressure spectrum



6 Sound data

6 - 1 Sound pressure spectrum



Split - Sky Air

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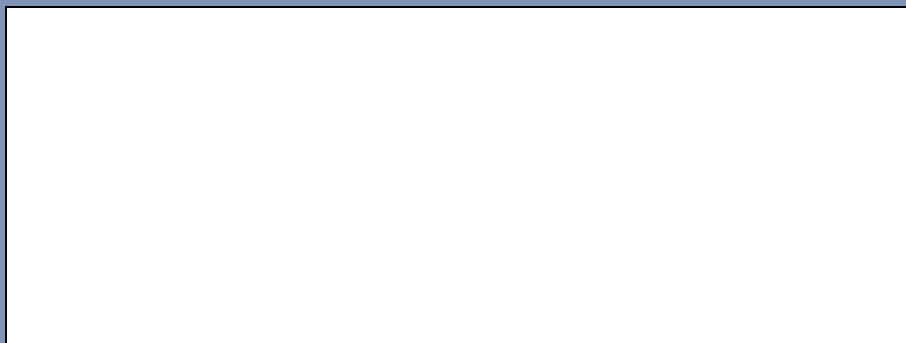
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