

technical data



FTXG-EV1BW_FTXG-EV1BS

**Wall Mounted,
Inverter Controlled Unit**

air conditioning systems

Split Sky Air

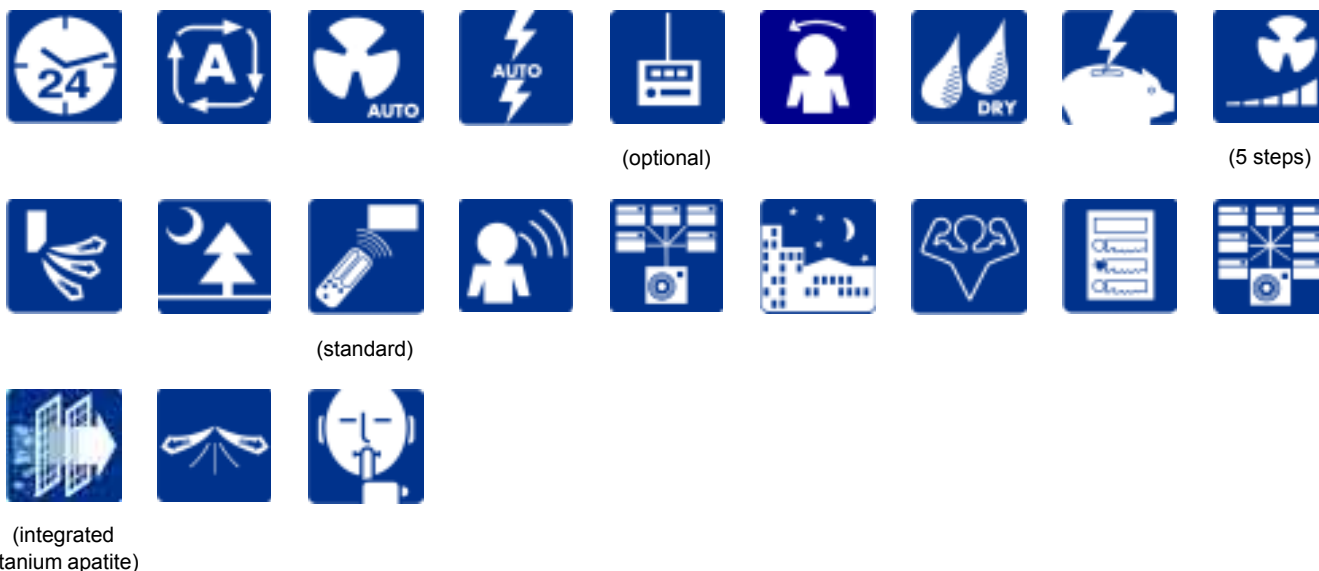
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1 Features

- State of the art design: sleek, compact and stylish outlook
- Superb energy efficiency
- Available in 2 colour variations: mat crystal white and mat crystal silver
- Newly designed air distribution flap prevents draft feeling by activating the 'comfort mode'
- The new titanium apatite photocatalytic air purification filter increases the active surface area for effective purification and deodorisation
- Horizontal and vertical auto-swing + 3D-air flow ensure efficient air and temperature distribution.
- Powerful mode can be selected for rapid cooling or heating
- The movement sensor saves power consumption in unoccupied rooms
- Indoor unit silent operation: "Silent" button on the remote control lowers the operation sound of the indoor unit by 3dB(A).



2 Specifications

2-1 FOR INDOOR UNITS ONLY			FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Nominal Input	Cooling	kW	0.030	0.030	0.030	0.030
	Heating	kW	0.030	0.030	0.030	0.030

2-2 TECHNICAL SPECIFICATIONS				FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Casing	Colour			Mat Crystal White	Mat Crystal Silver	Mat Crystal White	Mat Crystal Silver
Dimensions	Packing	Height	mm	345	345	345	345
		Width	mm	894	894	894	894
		Depth	mm	222	222	222	222
	Unit	Height	mm	275	275	275	275
		Width	mm	840	840	840	840
		Depth	mm	150	150	150	150
Weight	Unit		kg	9.0	9.0	9.0	9.0
	Packed Unit		kg	13.0	13.0	13.0	13.0
Heat Exchanger	Dimensions	Length	mm	660	660	660	660
		Nr of Rows		1	1	1	1
		Fin Pitch	mm	1.10	1.10	1.10	1.10
		Nr of Stages		4	4	4	4
	Tube type			Grooved tube (7)			
	Fin	Type		Slit fin			
Fan	Type			Cross flow fan			
Air Flow Rate	Cooling	High	m³/min	7.7	7.7	8.1	8.1
		Medium	m³/min	6.1	6.1	6.5	6.5
		Low	m³/min	4.7	4.7	4.9	4.9
		Silent Operation	m³/min	3.8	3.8	4.1	4.1
	Heating	High	m³/min	9.0	9.0	9.6	9.6
		Medium	m³/min	7.9	7.9	8.2	8.2
		Low	m³/min	6.7	6.7	6.7	6.7
		Silent Operation	m³/min	5.4	5.4	5.9	5.9
Fan	Motor	Quantity		1	1	1	1
		Model		KFD-280-40-8B			
		Number of steps		5 steps, silent and auto			
Motor	Speed (cooling)	High	rpm	1400	1400	1470	1470
		Medium	rpm	1170	1170	1220	1220
		Low	rpm	940	940	980	980
		Silent Operation	rpm	810	810	850	850
	Speed (heating)	High	rpm	1470	1470	1550	1550
		Medium	rpm	1310	1310	1350	1350
		Low	rpm	1150	1150	1150	1150
		Silent Operation	rpm	980	980	1040	1040
Fan	Motor	Output (high)	W	40	40	40	40
Cooling	Sound Power	High	dBA	56.0	56.0	57.0	57.0
	Sound Pressure	High	dBA	38.0	38.0	39.0	39.0
		Medium	dBA	32.0	32.0	33.0	33.0
		Low	dBA	25.0	25.0	26.0	26.0
		Silent Operation	dBA	22.0	22.0	23.0	23.0
Heating	Sound Power	High	dBA	56.0	56.0	57.0	57.0
	Sound Pressure	High	dBA	38.0	38.0	39.0	39.0
		Medium	dBA	33.0	33.0	34.0	34.0
		Low	dBA	28.0	28.0	29.0	29.0
		Silent Operation	dBA	25.0	25.0	29.0	29.0
Refrigerant	Type			R-410A			

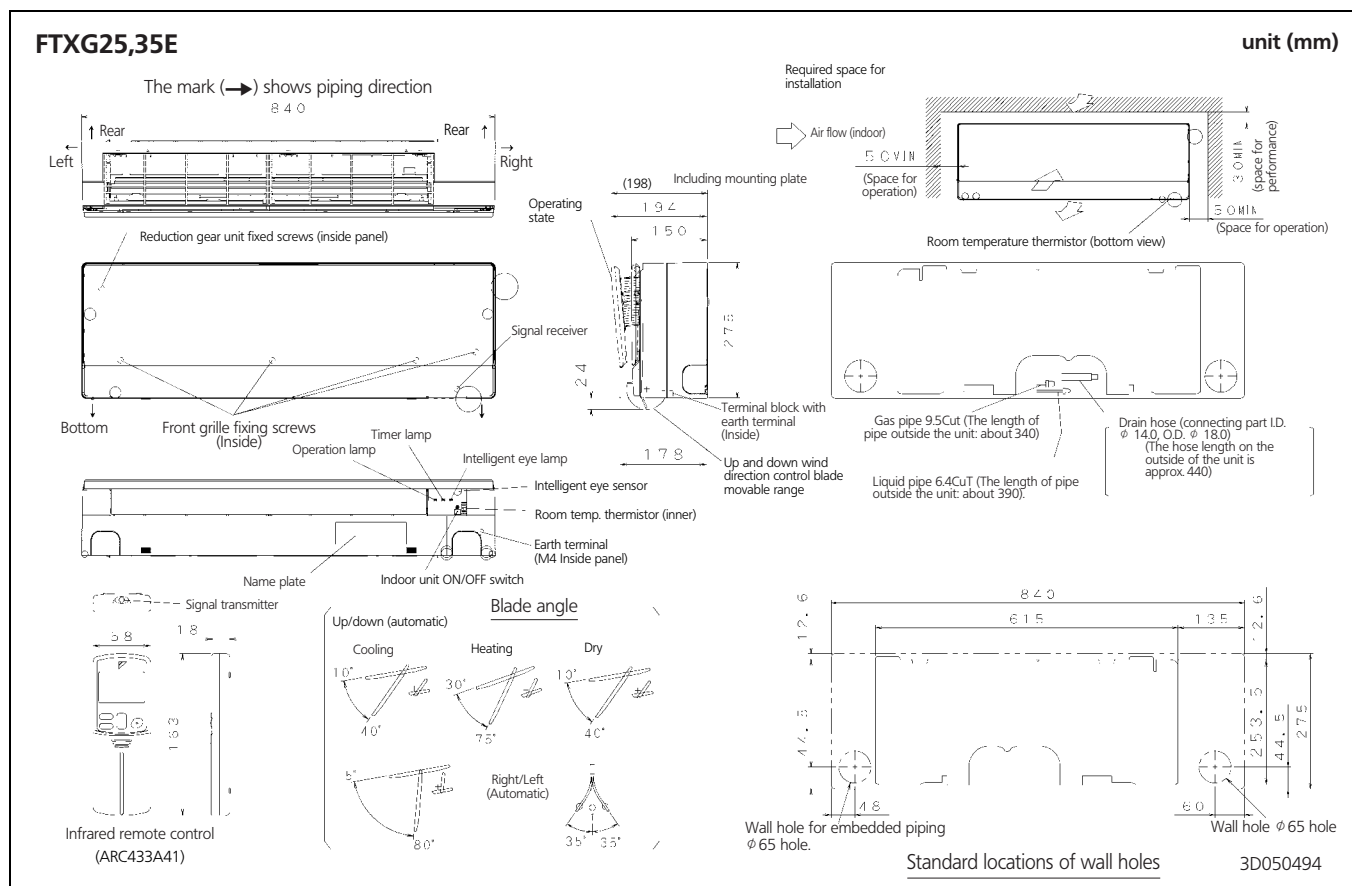
2 Specifications

2-2 TECHNICAL SPECIFICATIONS				FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4	6.4	6.4	6.4
	Gas	Diameter (OD)	mm	9.5	9.5	9.5	9.5
	Drain	Diameter (OD)	mm	18	18	18	18
	Heat Insulation			Both liquid and gas pipes			
Air Filter				Removable/washable/Mildew proof			
Air direction control				Left, right, up and downwards			
Temperature control				Microcomputer control			
Standard Accessories	Item			Installation manual			
	Quantity			1	1	1	1
	Item			Operationmanual	Operation manual	Operation manual	Operation manual
	Quantity			1	1	1	1
	Item			Infrared remote control			
	Quantity			1	1	1	1
	Item			Batteries			
	Quantity			2	2	2	2
	Item			Remote control holder			
	Quantity			1	1	1	1
	Item			Titanium apatite photocatalytic air purification filter			
	Quantity			2	2	2	2
	Item			Indoor unit fixing screws			
	Quantity			1	1	1	1
	Item			Mounting plate			
	Quantity			1	1	1	1
Notes				Sound values are measured in an anechoic room.			
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings of this chapter.			
				The sound power level is an absolute value indicating the power which a sound source generates.			

2-3 ELECTRICAL SPECIFICATIONS				FTXG25EV1BW	FTXG25EV1BS	FTXG35EV1BW	FTXG35EV1BS
Power Supply	Name			V1			
	Phase			1	1	1	1
	Frequency		Hz	50	50	50	50
	Voltage		V	220-240			
Current	Nominal running current (RLA)	Cooling	A	0.14	0.14	0.14	0.14
		Heating	A	0.14	0.14	0.14	0.14
Wiring connections	For Power Supply	Quantity		3	3	3	3
		Remark		4 for interunit wiring (included earth wiring)			
Voltage range	Minimum			-10%			
	Maximum			+10%			
Power Supply Intake				Outdoor unit only			

3 Dimensional drawing & centre of gravity

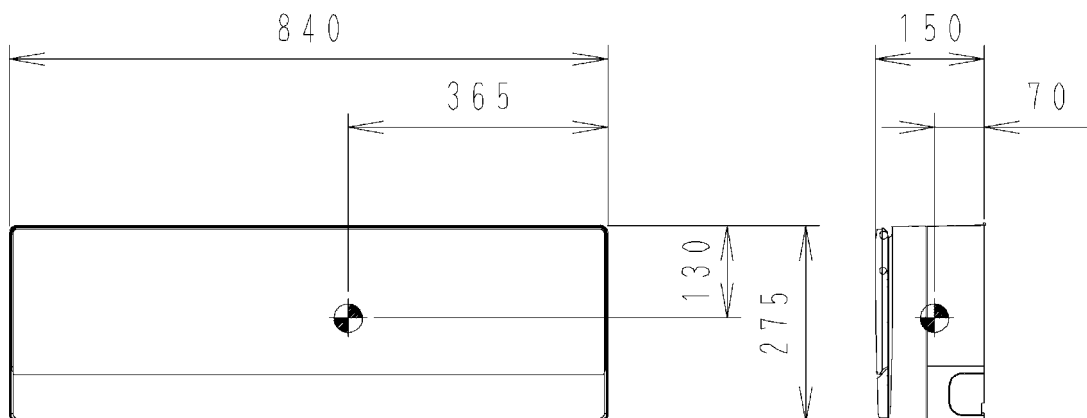
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

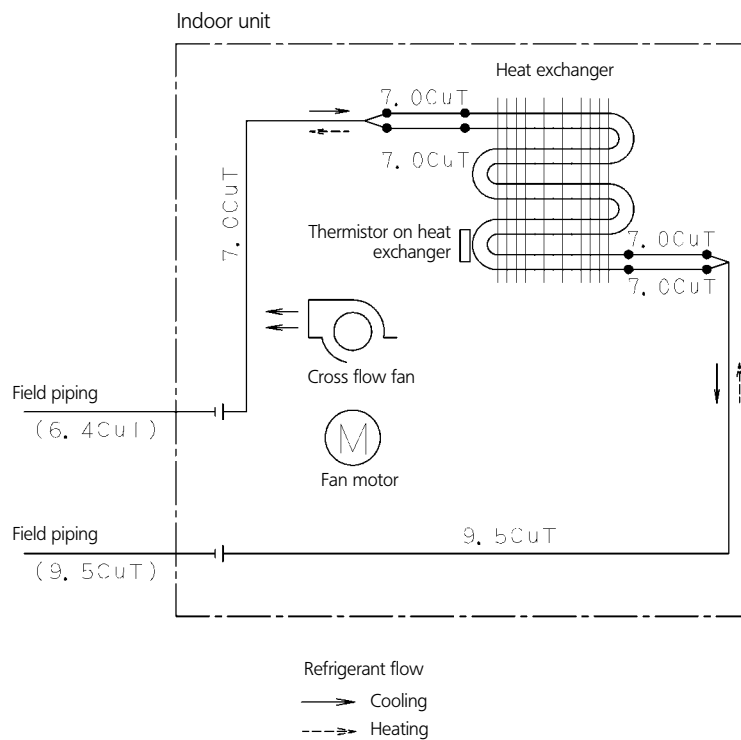
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4 Piping diagram

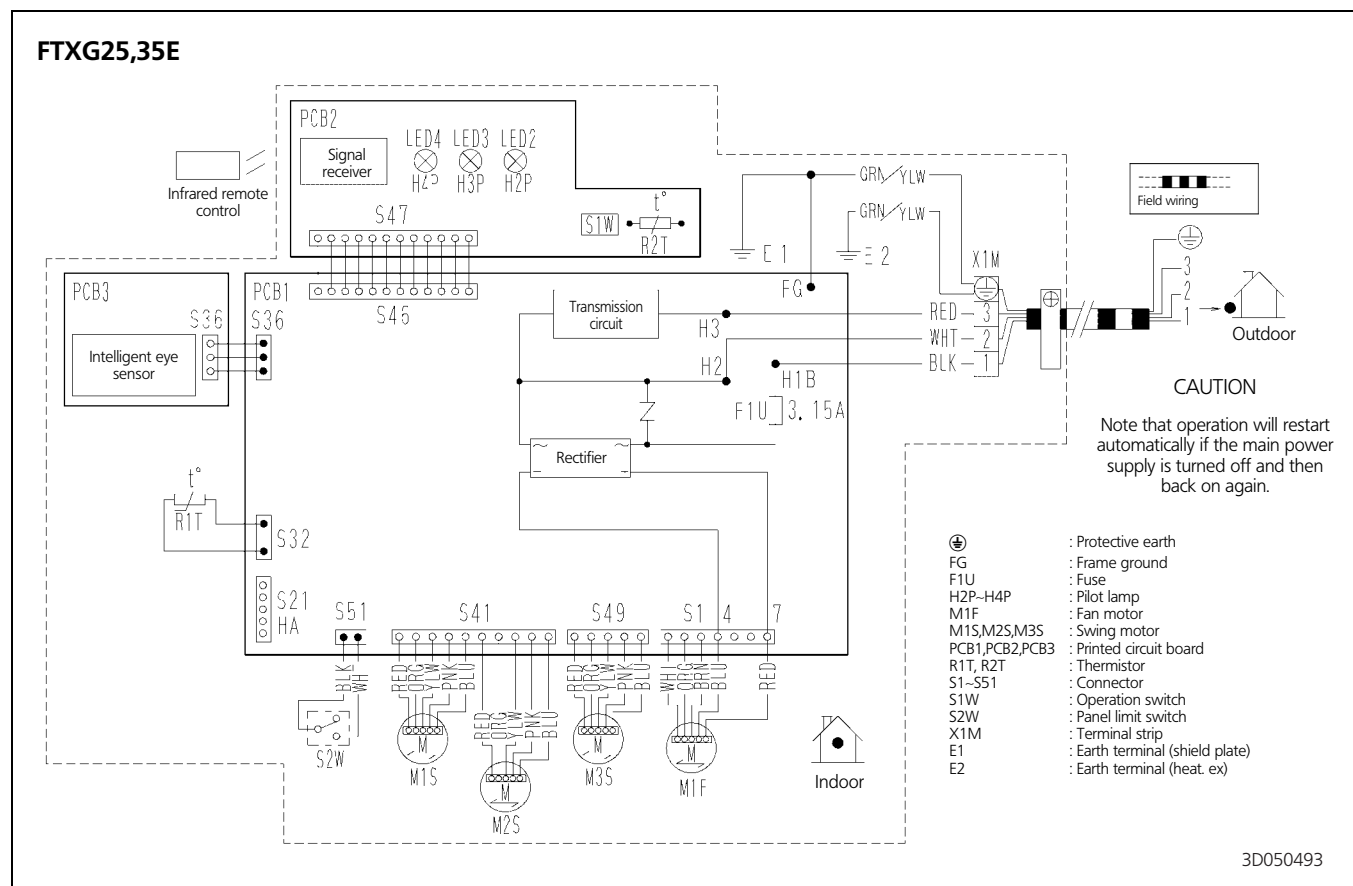
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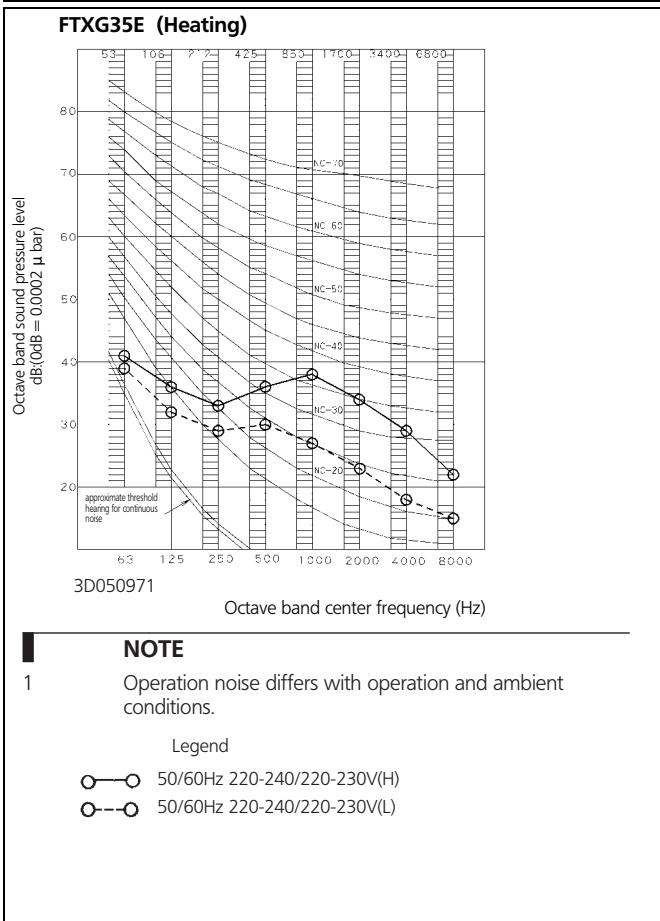
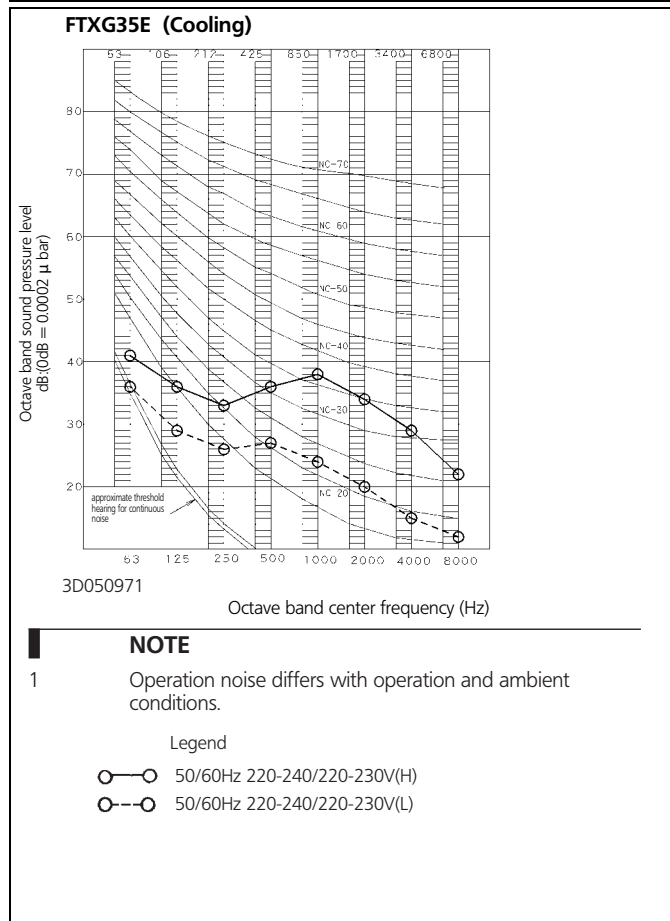
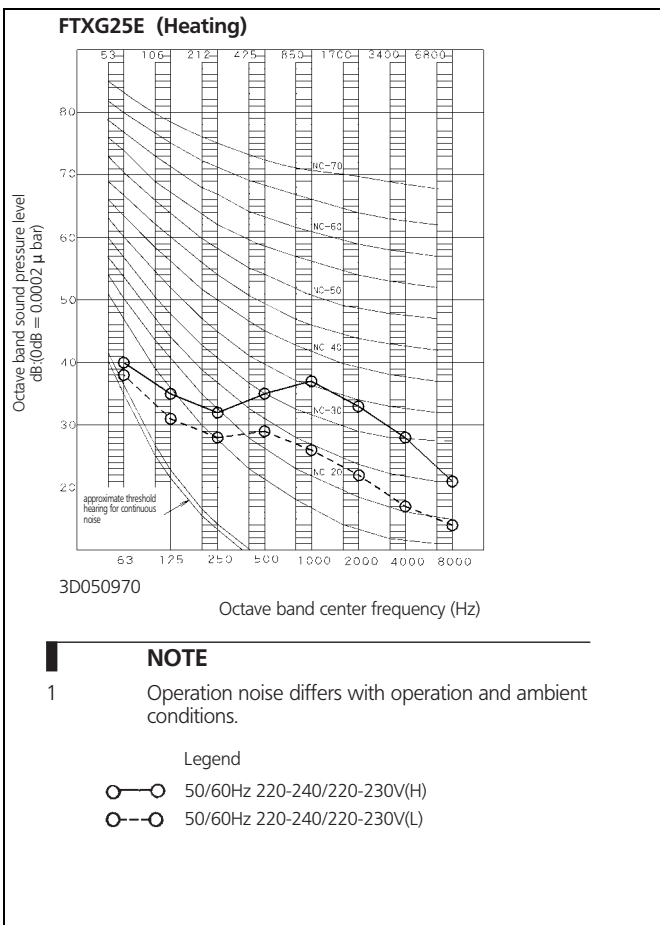
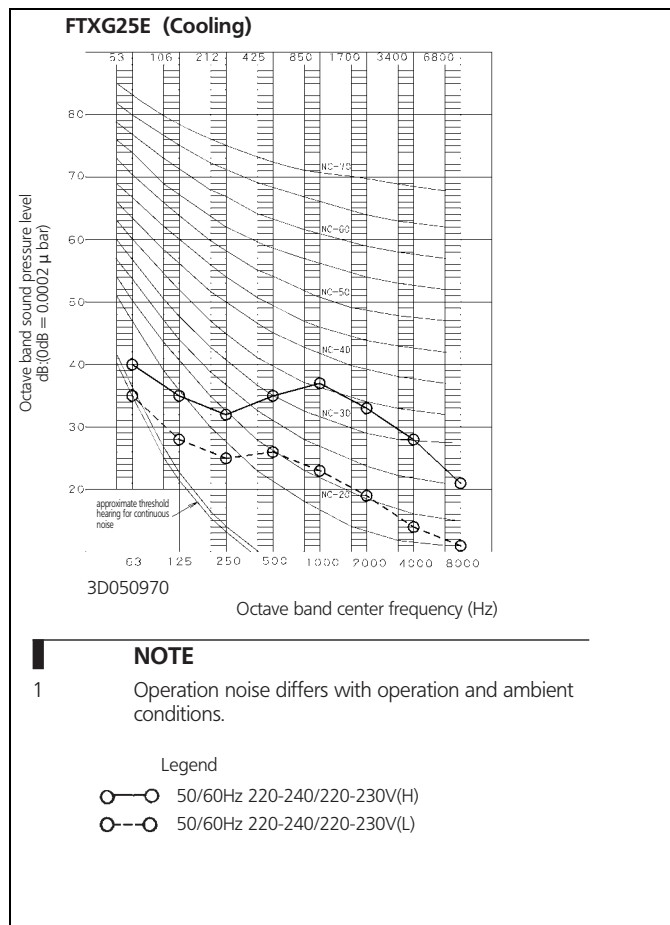
5 Wiring diagram

5 - 1 Wiring diagram



6 Sound data

6 - 1 Sound pressure spectrum



Split - Sky Air

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