

technical data



FTXS-D3VML_D2VML

Wall Mounted Unit

air conditioning systems

Split Sky Air

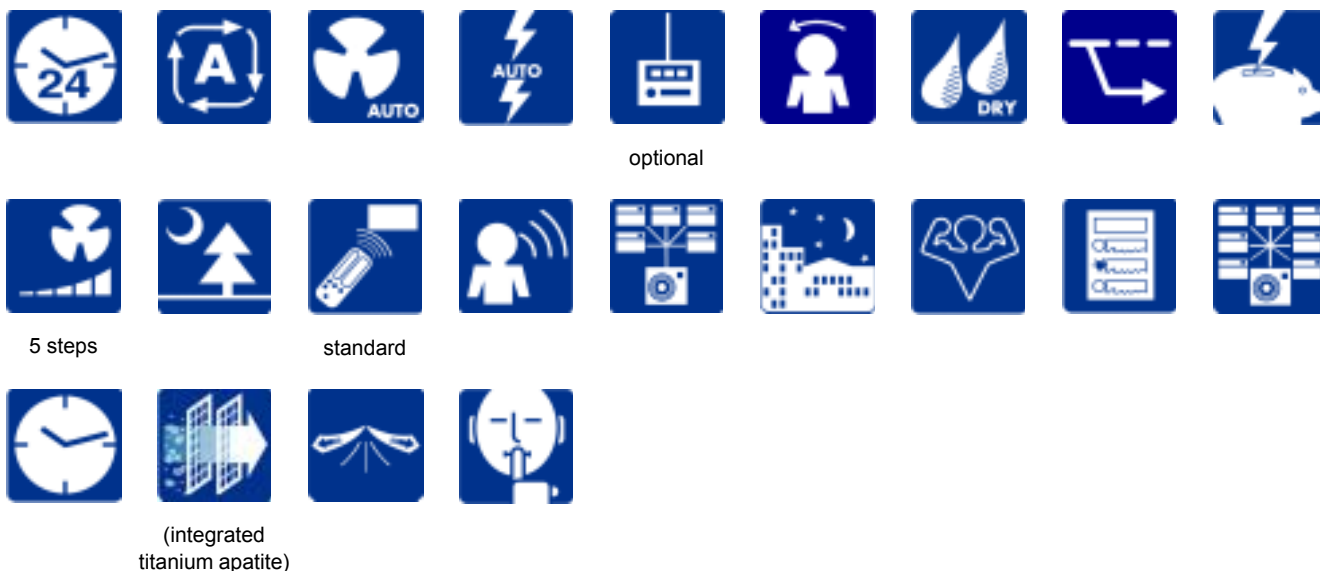
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FTXS-D3VML_D2VML

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1 Features

- Comfort mode reassures draught-free operation
- Vertical auto-swing function moves the discharge flaps up and down for efficient air distribution throughout the room
- You have the choice out of 5 fan speeds to select
- Daikin's special dry programme reduces humidity in the room without variation in room temperature
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid cooling or heating
- Indoor unit silent operation: "Silent" button on the remote control lowers the operation sound of the indoor unit by 3dB(A).
- The new titanium apatite photocatalytic air purification filter increases the active surface area for effective purification and deodorisation
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- The movement sensor saves power consumption in unoccupied rooms
- Daikin remote controls give you easy control at your fingertips.



2 Specifications

2-1 FOR INDOOR UNITS ONLY			FTXS20D3VML	FTXS25D3VML	FTXS35D3VML	FTXS50D2V1L
Nominal Input	Cooling	kW	0.035	0.035	0.040	0.048
	Heating	kW	0.035	0.035	0.040	0.048

2-2 TECHNICAL SPECIFICATIONS				FTXS20D3VML	FTXS25D3VML	FTXS35D3VML	FTXS50D2V1L
Casing	Colour			White + silver line	White + silver line	White + silver line	White + silver line
Dimensions	Packing	Height	mm	340	340	340	340
		Width	mm	855	855	855	855
		Depth	mm	265	265	265	265
	Unit	Height	mm	283	283	283	283
		Width	mm	800	800	800	800
		Depth	mm	195	195	195	195
Weight	Unit		kg	9.0	9.0	9.0	9.0
	Packed Unit		kg	12.0	12.0	12.0	12.0
Heat Exchanger	Dimensions	Length	mm	610	610	610	610
		Nr of Rows		2	2	2	2
		Fin Pitch	mm	1.40	1.40	1.40	1.40
		Nr of Stages		12	12	12	14
	Tube type			Hi-XA (7)			
	Fin	Type		ML fin (Multi louver)			
Fan	Type			Cross flow fan			
Air Flow Rate	Cooling	High	m³/min	8.7	8.7	8.9	11.4
		Medium	m³/min	6.7	6.7	6.9	9.3
		Low	m³/min	4.7	4.7	4.8	7.1
		Silent Operation	m³/min	3.9	3.9	4.0	6.2
	Heating	High	m³/min	9.4	9.4	9.7	11.4
		Medium	m³/min	7.6	7.6	7.9	9.4
		Low	m³/min	5.8	5.8	6.0	7.4
		Silent Operation	m³/min	5.0	5.0	5.2	6.3
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	1250	1250	1270	1580
		Medium	rpm	1030	1030	1050	1330
		Low	rpm	810	810	830	1090
		Silent Operation	rpm	710	710	730	980
	Speed (heating)	High	rpm	1280	1280	1320	1520
		Medium	rpm	1090	1090	1120	1290
		Low	rpm	900	900	920	1060
		Silent Operation	rpm	820	820	840	960
Fan	Motor	Output (high)	W	40	40	40	40
Cooling	Sound Power	High	dBA	56.0	56.0	57.0	62.0
	Sound Pressure	High	dBA	38.0	38.0	39.0	46.0
		Medium	dBA				41.0
		Low	dBA	25.0	25.0	26.0	35.0
		Silent Operation	dBA	22.0	22.0	23.0	32.0
Heating	Sound Power	High	dBA	56.0	56.0	57.0	62.0
	Sound Pressure	High	dBA	38.0	38.0	39.0	46.0
		Medium	dBA				40.0
		Low	dBA	28.0	28.0	29.0	34.0
		Silent Operation	dBA	25.0	25.0	26.0	31.0
Refrigerant	Type			R-410A			

2 Specifications

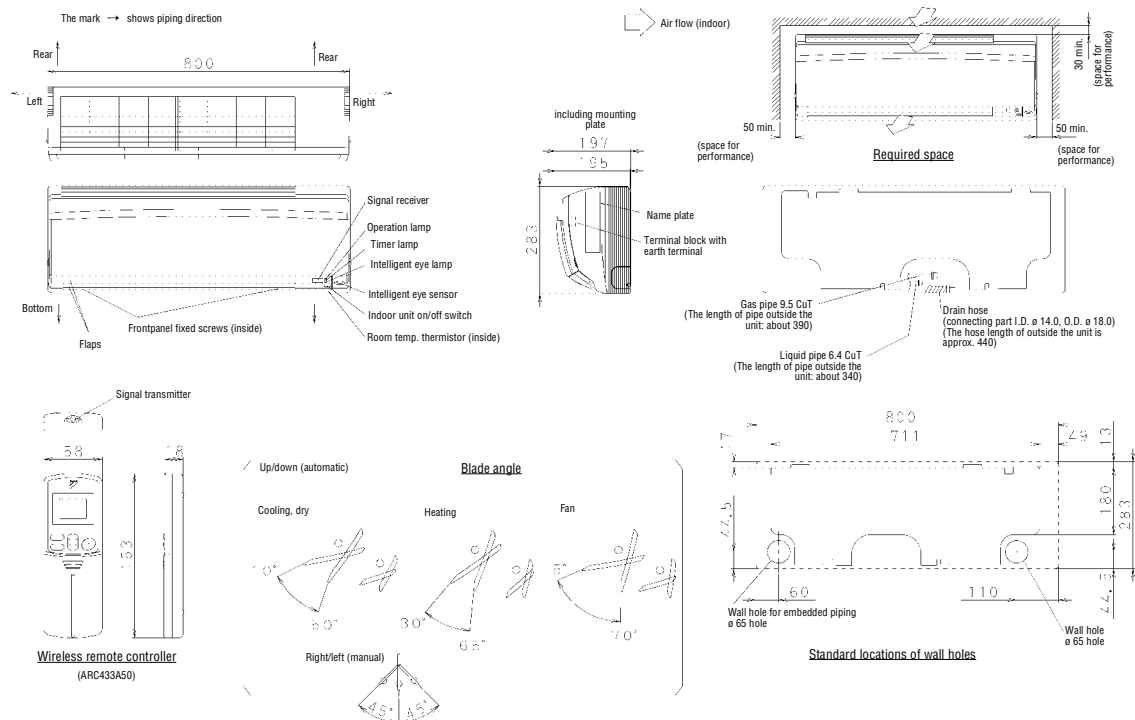
2-2 TECHNICAL SPECIFICATIONS				FTXS20D3VML	FTXS25D3VML	FTXS35D3VML	FTXS50D2V1L
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4	6.4	6.4	6.4
	Gas	Diameter (OD)	mm	9.5	9.5	9.5	12.7
	Drain	Diameter (OD)	mm	18	18	18	18
	Heat Insulation			Both liquid and gas pipes			
Air Filter				Removable/washable/Mildew proof			
Air direction control				Left, right, up and downwards			
Temperature control				Microcomputer control			
Standard Accessories	Item			Titanium apatite photocatalytic air purification filter			
	Quantity			2	2	2	2
	Item			Operation manual			
	Quantity			1	1	1	1
	Item			Installation 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			Indoor unit fixing screws			
	Quantity			2	2	2	2
	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				FTXS20D3VML	FTXS25D3VML	FTXS35D3VML	FTXS50D2V1L
Power Supply	Name			VM	VM	VM	V1
	Phase			1	1	1	1
	Frequency		Hz	50/60	50/60	50/60	50
	Voltage		V	220-240/220-230	220-240/220-230	220-240/220-230	220-240
Current	Nominal running current (RLA)	Cooling	A	0.16	0.16	0.18	0.21
		Heating	A	0.16	0.16	0.18	0.21
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

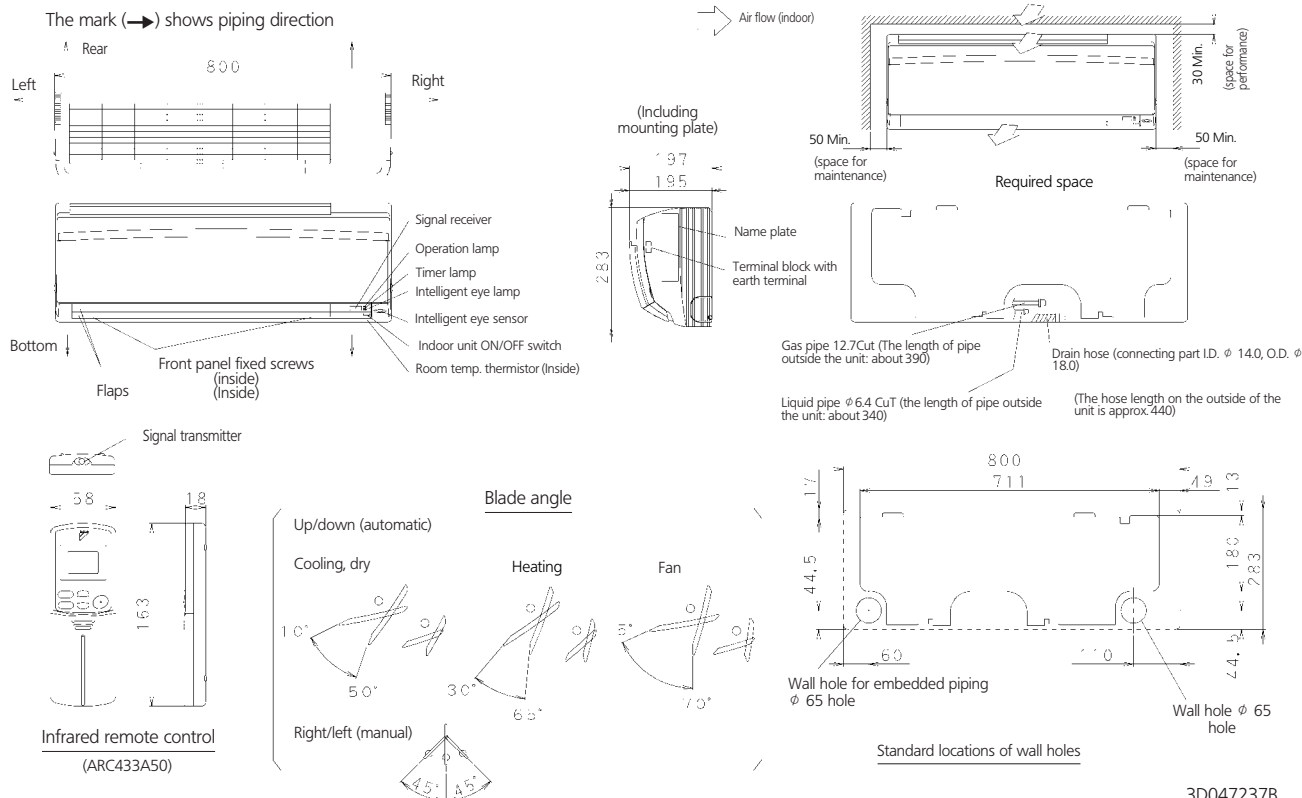
FTXS-D



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FTXS50D

unit (mm)



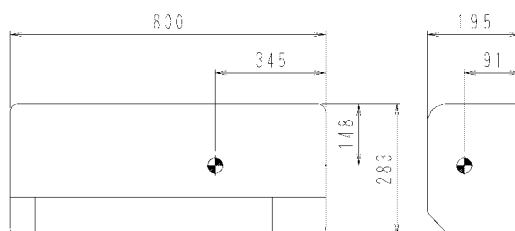
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3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

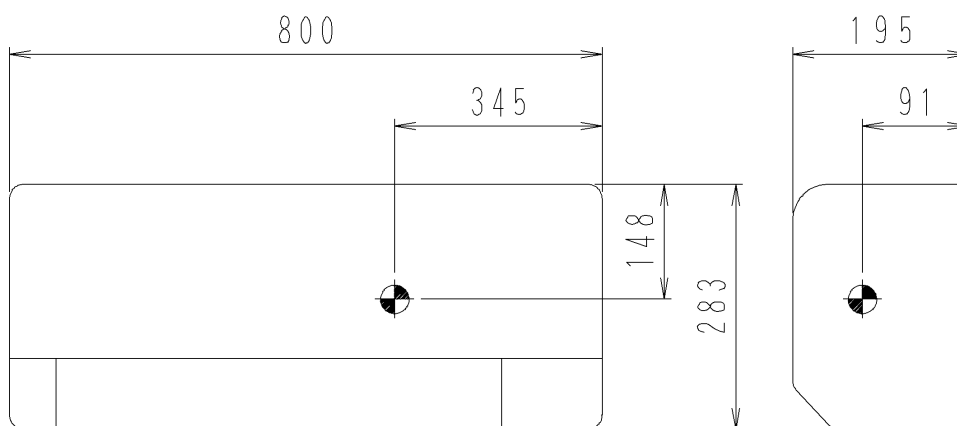
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FTK/XS20,25,35DVMW/L



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FTK/XS50D

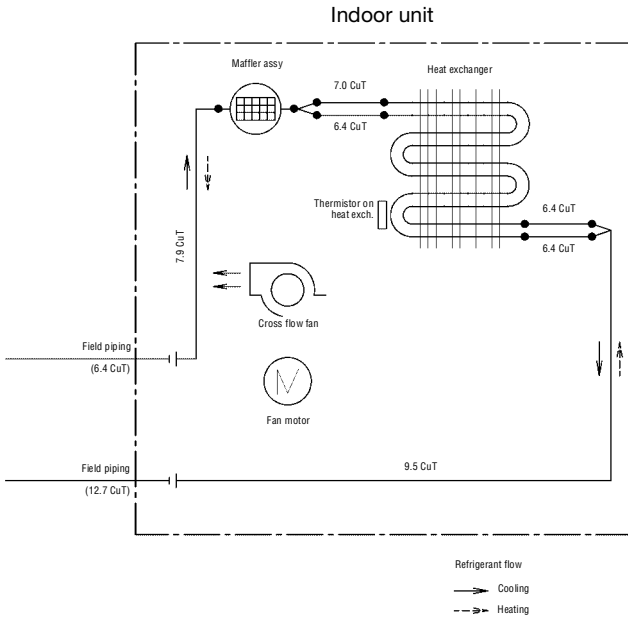


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4 Piping diagram

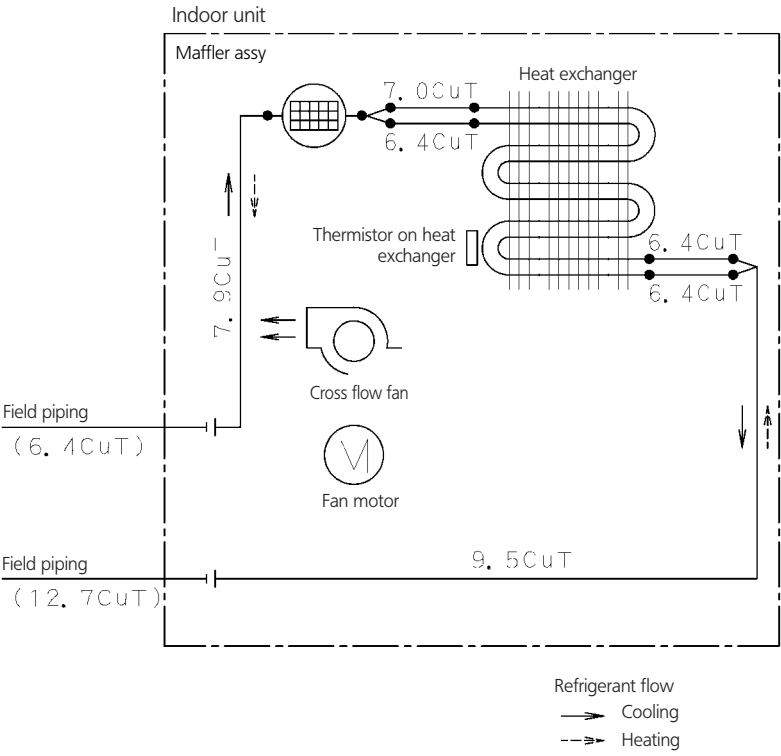
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FTK/XS20,25,35DW/L



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FTXS50D



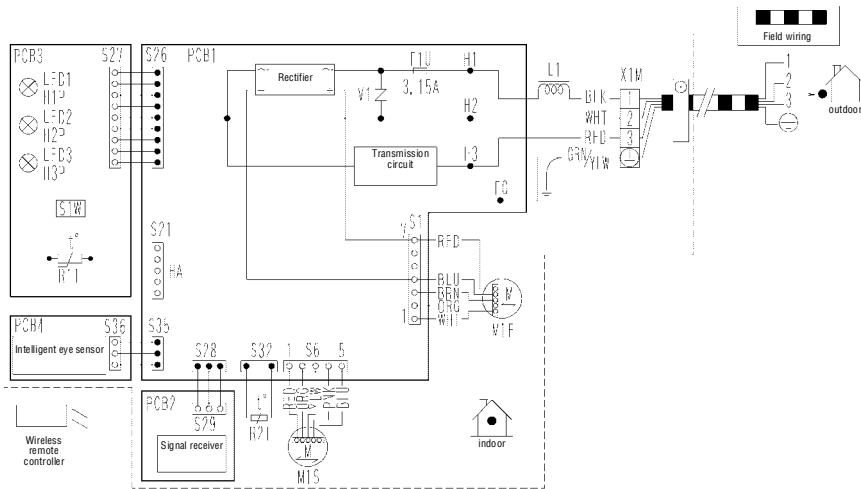
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5 Wiring diagram

5 - 1 Wiring diagram

FTK/XS20,25,35DW/L



LEGEND

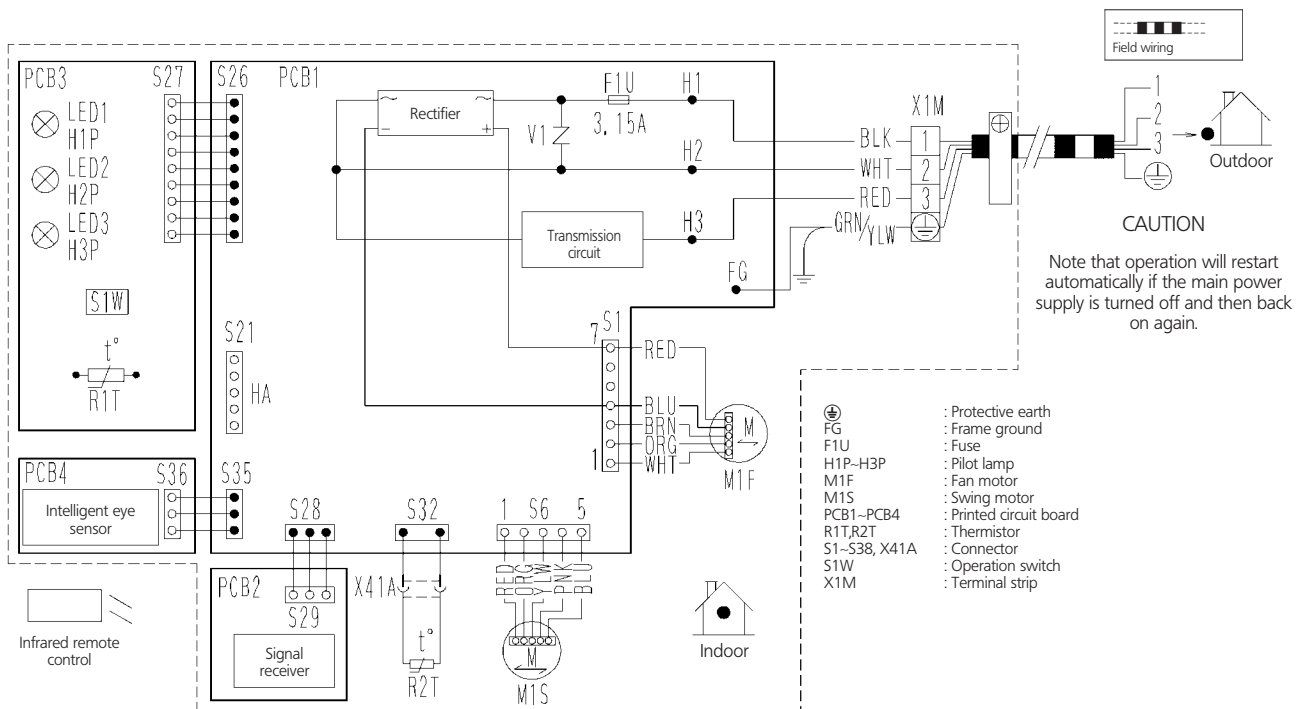
⊕	Protective earth
FG	Frame ground
F1U	Fuse
H1P~H3P	Pilot lamp
L1	Coil
M1F	Fan motor
M1S	Swing motor
PCB1~PCB4	Printed circuit board
R1T, R2T	Thermistor
S1~S38	Connector
S1W	Operation switch
X1M	Terminal strip

NOTES

- Size: length 70 x width 120.
- Refer to purchasing specification AS303002, unless otherwise specified.
- This drawing was drawn on CAD system.
- Caution: Note that operation will restart automatically if the main power supply is turned off and then back on again.

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FTK/XS50D

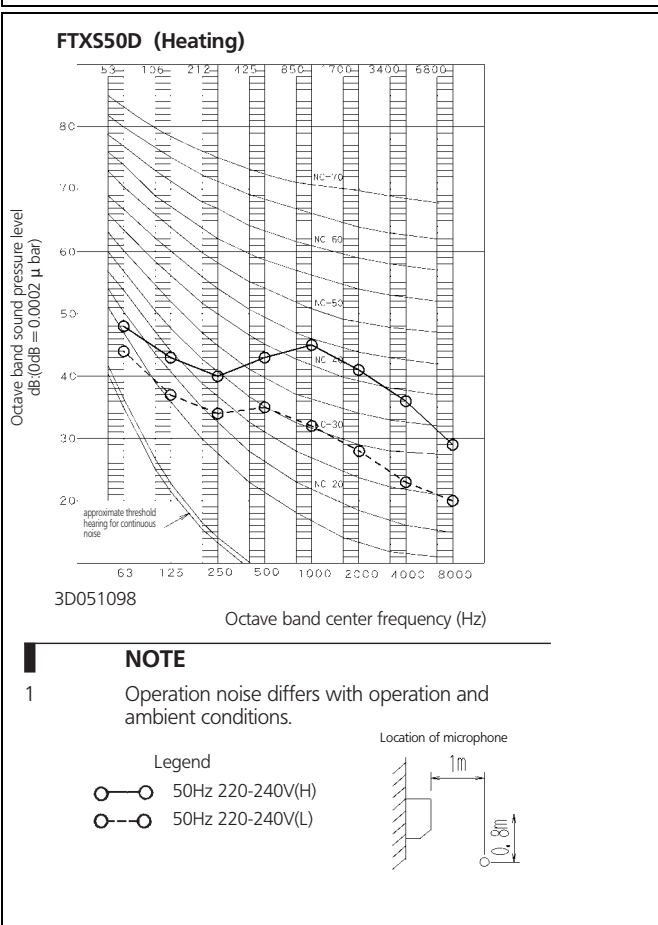
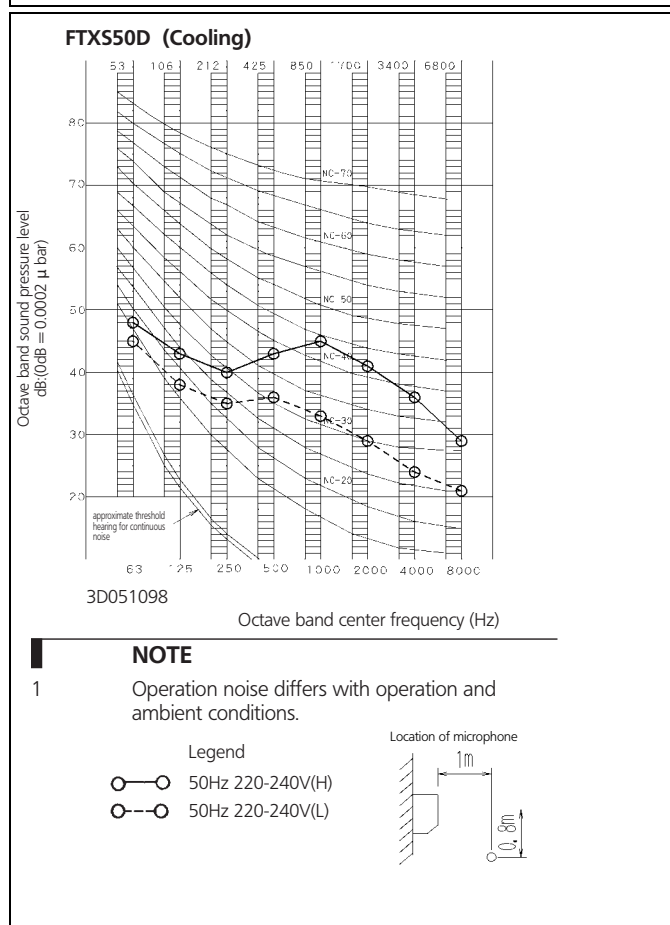
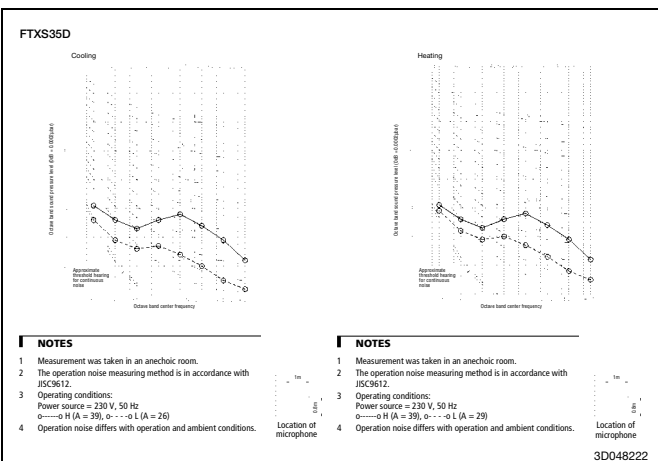
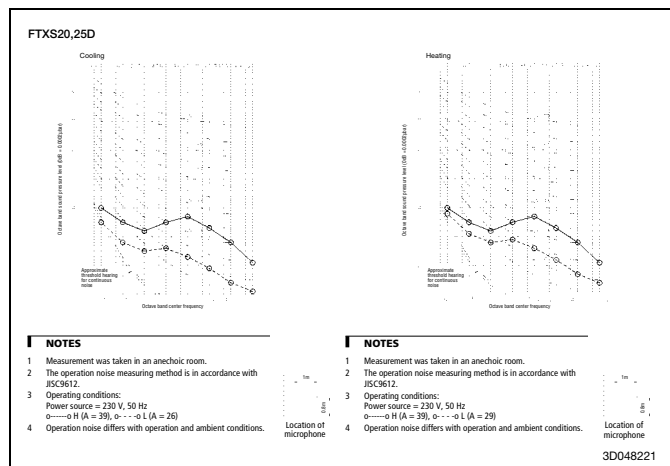


⊕	: Protective earth
FG	: Frame ground
F1U	: Fuse
H1P~H3P	: Pilot lamp
M1F	: Fan motor
M1S	: Swing motor
PCB1~PCB4	: Printed circuit board
R1T,R2T	: Thermistor
S1~S38, X41A	: Connector
S1W	: Operation switch
X1M	: Terminal strip

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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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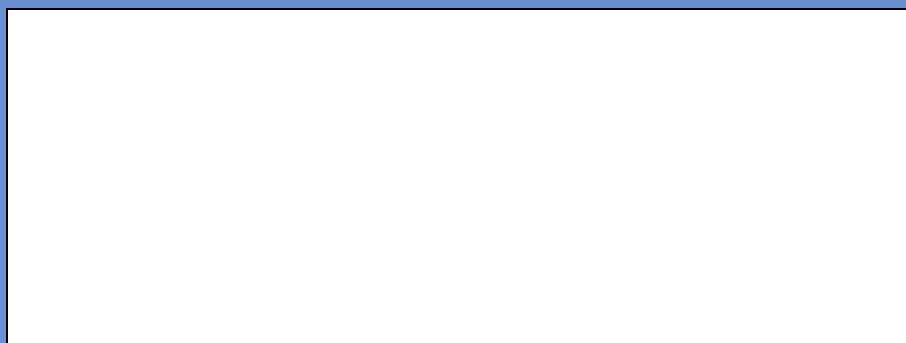
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