



technical data



FTN-FV1B

R-410A

air conditioning systems

Split Sky Air

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FTN-FV1B

















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1 Features

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling
- Auto-swing function ensures efficient air and temperature distribution.

1



								
				optional				5 steps
								
standard			50 + 60 class					

2

2 Specifications

2-1 FOR INDOOR UNITS ONLY				FTN50FV1B	FTN60FV1B
Nominal input (Indoor only)	Cooling		kW	0.034	0.04

2-2 TECHNICAL SPECIFICATIONS				FTN50FV1B	FTN60FV1B
Casing	Colour			White	
Dimensions	Packing	Height	mm	337	337
		Width	mm	1147	1147
		Depth	mm	366	366
	Unit	Height	mm	290	290
		Width	mm	1050	1050
		Depth	mm	238	238
Weight	Unit		kg	12	12
	Packed Unit		kg	17	17
Heat Exchanger	Dimensions	Length	mm	863	863
		Nr of Rows		2	2
		Fin Pitch	mm	1.4	1.4
		Nr of Stages		16	16
	Tube type		Hi-XA (7)		
	Fin		Type ML fin (Multi louver)		
Fan	Type			Cross flow fan	
	Quantity			1	1
Air Flow Rate	Cooling	High	m ³ /min	14.7	16.2
		Medium	m ³ /min	12.4	13.6
		Low	m ³ /min	10.3	11.4
Fan	Motor	Quantity		1	1
		Model		ARW30R8P43DA	
		Number of steps		5	5
Motor	Speed (cooling)	High	rpm	1240	1330
		Medium	rpm	1090	1170
		Low	rpm	930	1010
Fan	Motor	Output (high)	W	43	43
Cooling	Sound Power	Medium	dBA	59	61
		Sound Pressure	High	dBA	43
			Low	dBA	34
Refrigerant	Type			R-410A	
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4	6.4
	Gas	Diameter (OD)	mm	12.7	12.7
	Drain	Diameter (OD)	mm	18	18
	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		Titanium apatite photocatalytic air purification filter		
	Quantity		2		2
	Item		Operation manual		
	Quantity		1		1
	Item		Installation manual		
	Quantity		1		1
	Item		Batteries		
	Quantity		2		2
	Item		Remote control holder		Mounting plate
	Quantity		1		1
	Item		Mounting plate		Indoor unit fixing screws
	Quantity		1		2
	Item		Indoor unit fixing screws		Wireless remote control
	Quantity		2		1
	Item		Wireless remote control		
	Quantity		1		

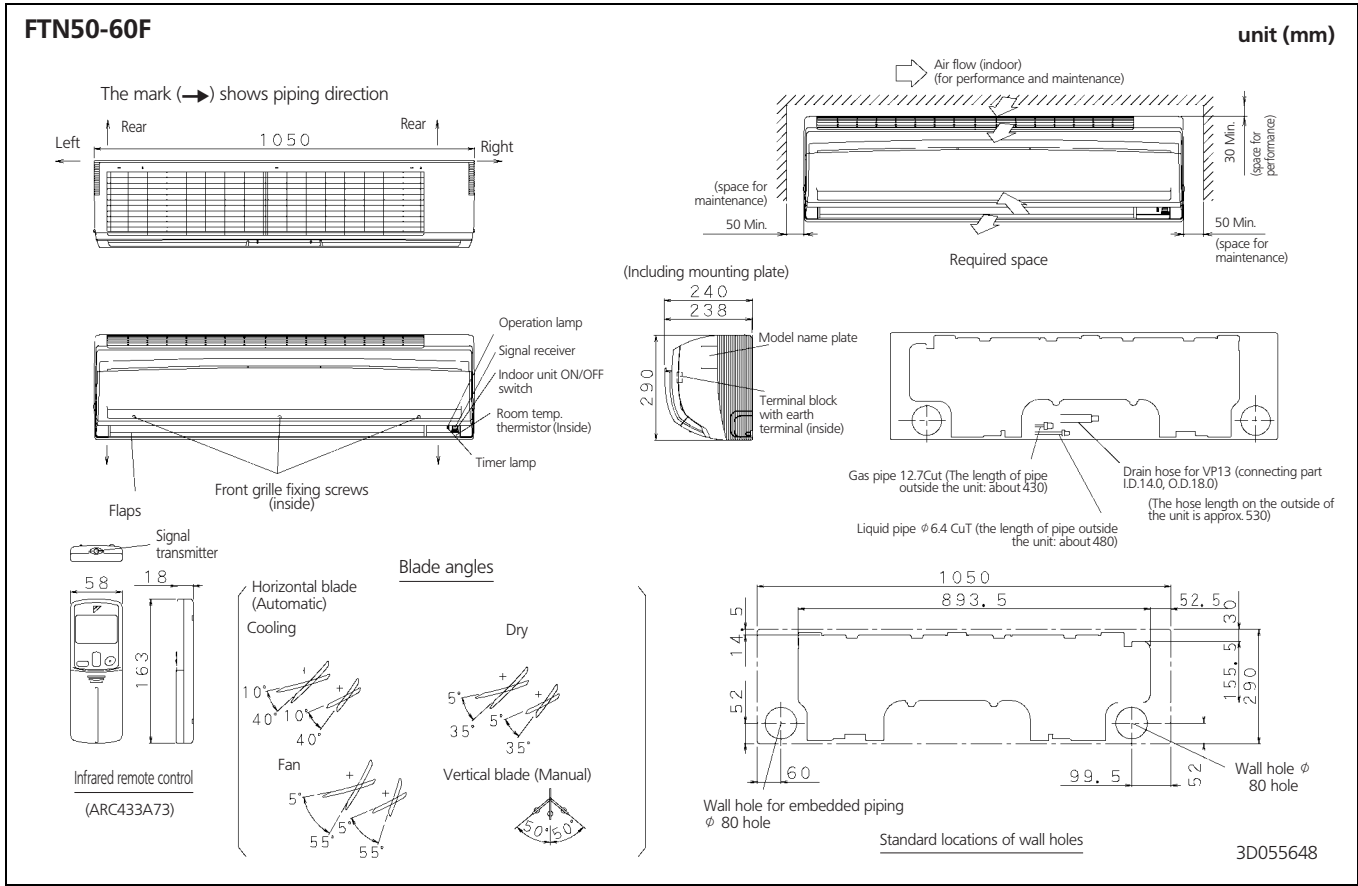
2 Specifications

2-3 ELECTRICAL SPECIFICATIONS				FTN50FV1B	FTN60FV1B
Power Supply	Name			V1	
	Phase			1	1
	Frequency	Hz		50	50
	Voltage		V	220-240	
Current	Nominal running current (RLA)	Cooling	A	0.15	0.18
	Maximum Running Current		A	0.16	0.19
Wiring connections	For Power Supply	Quantity		3	3
	Remark			4 for interunit wiring (including earth wiring)	

2

3 Dimensional drawing & centre of gravity

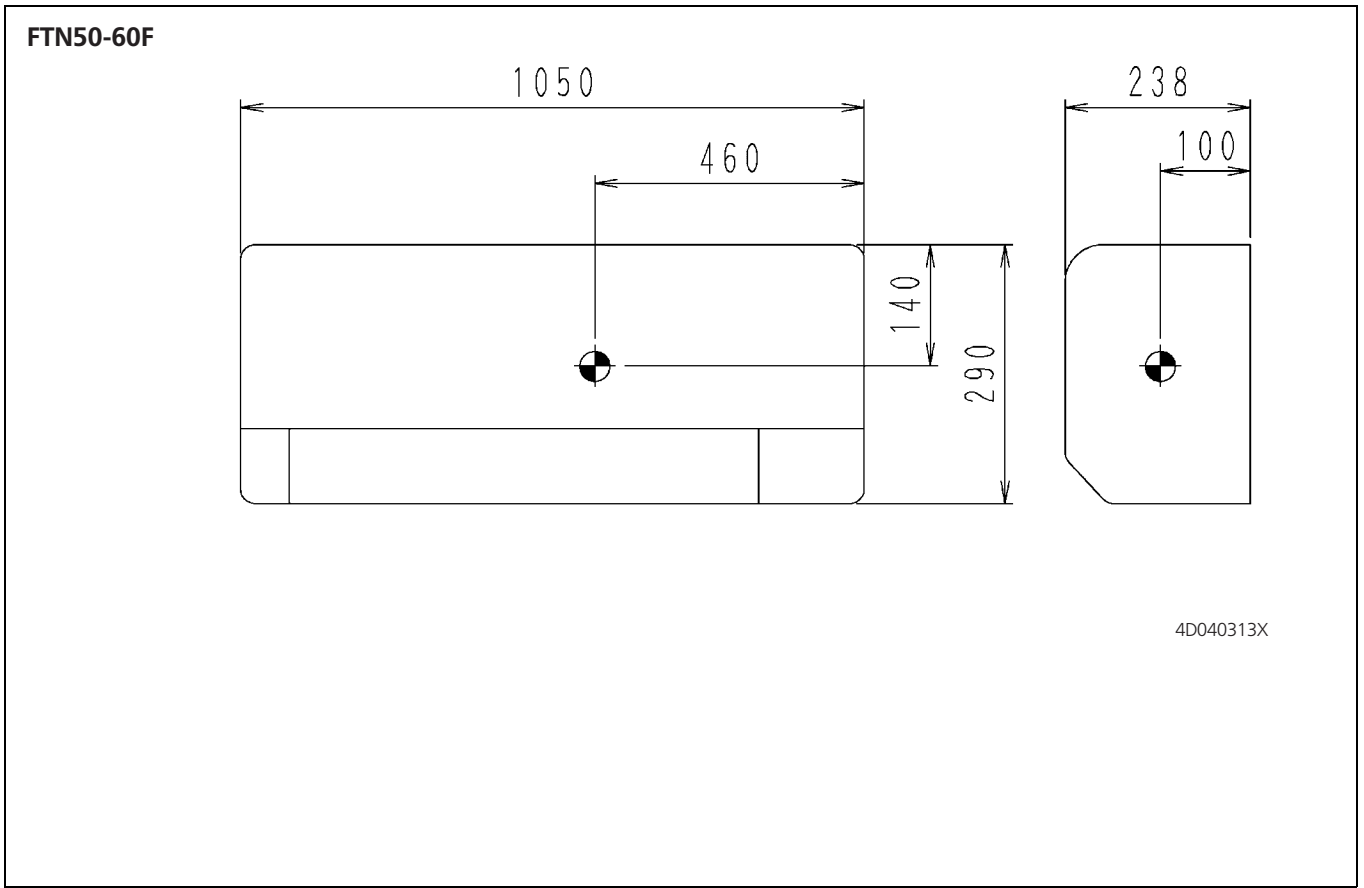
3 - 1 Dimensional drawing



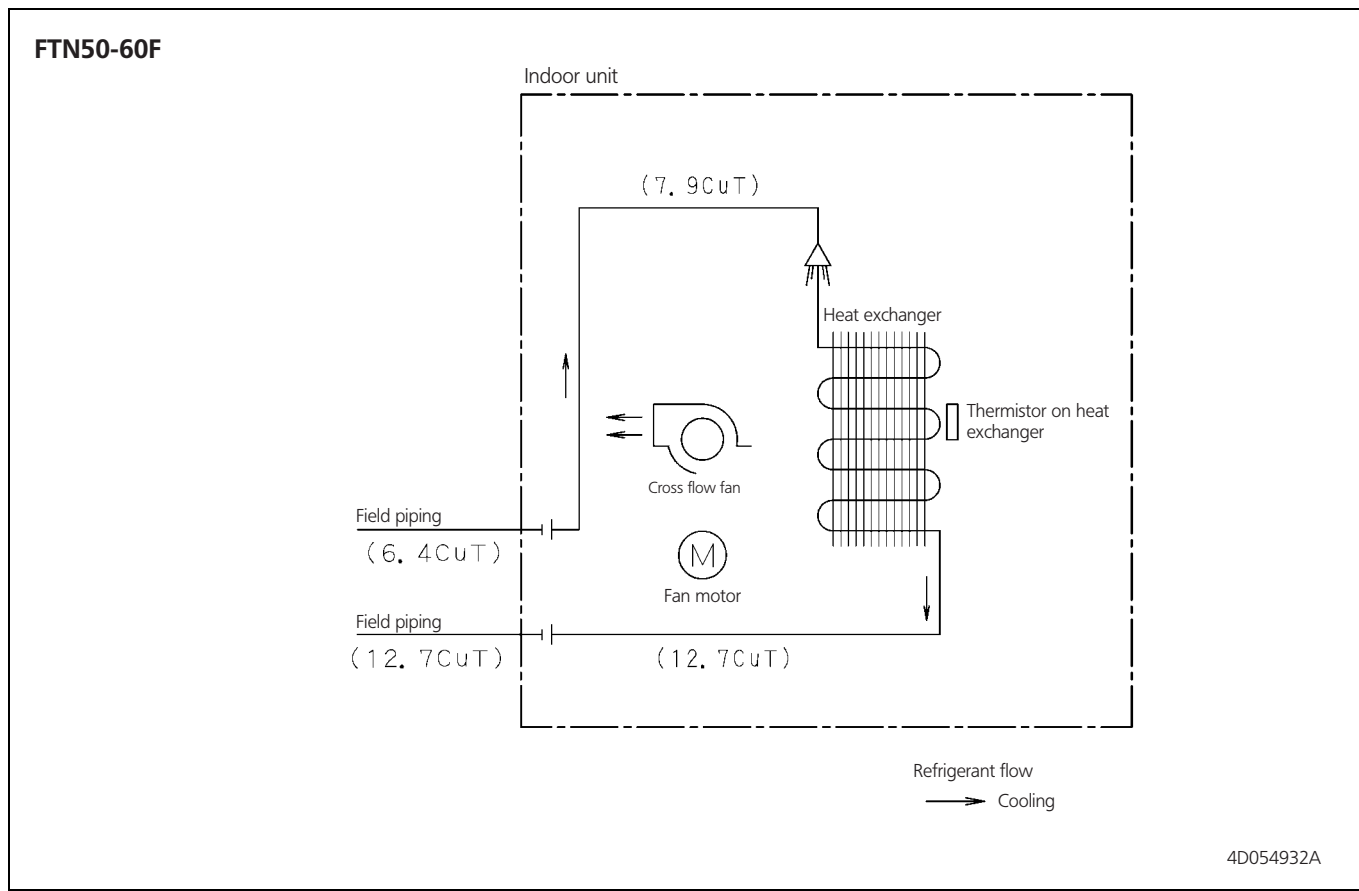
3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

3

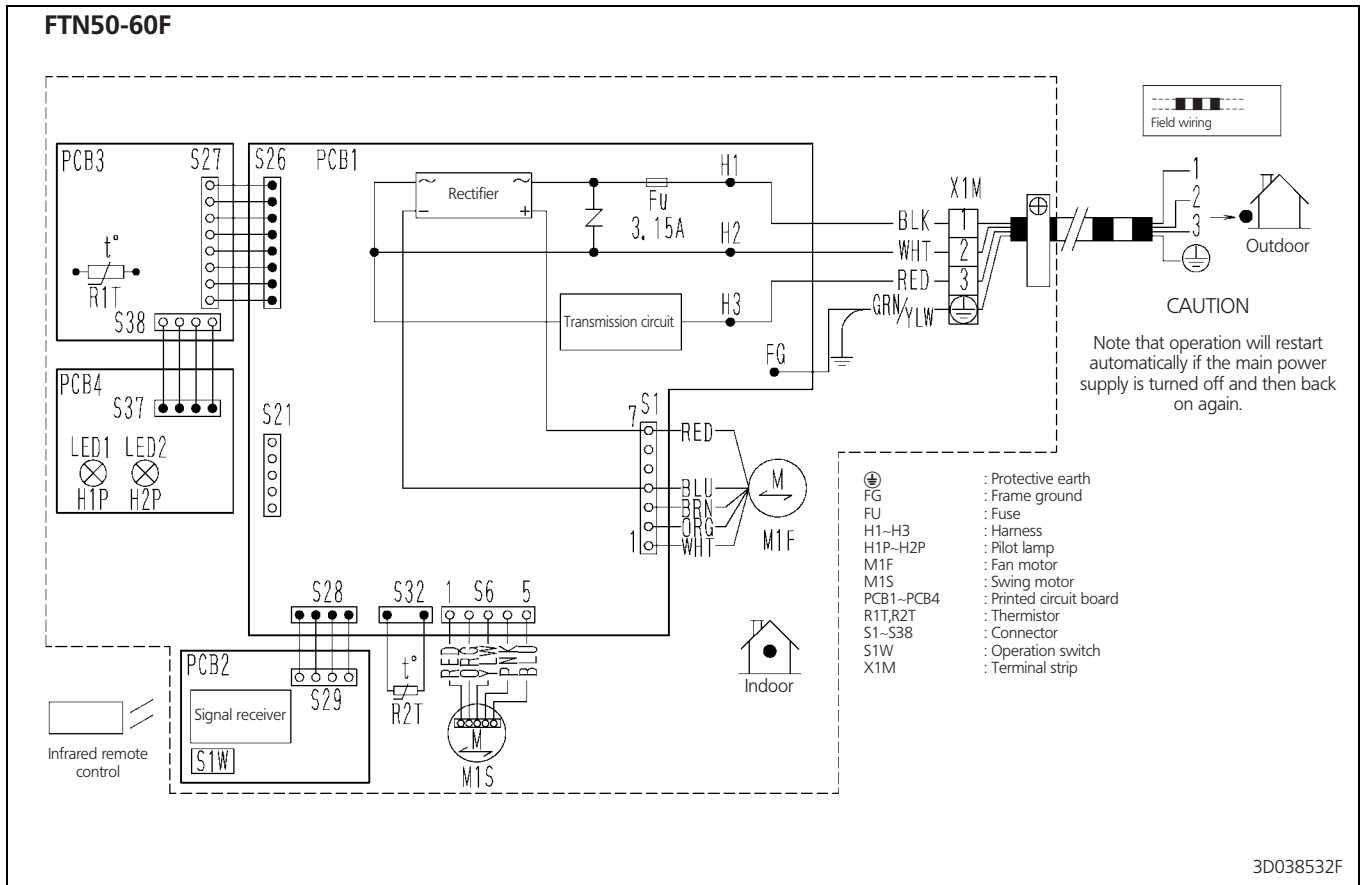


4 Piping diagram



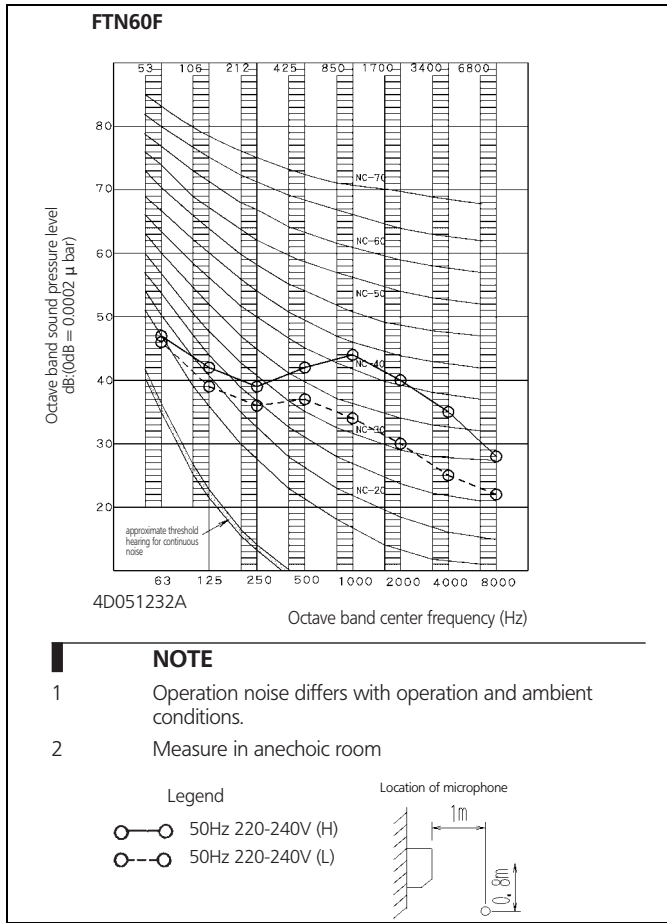
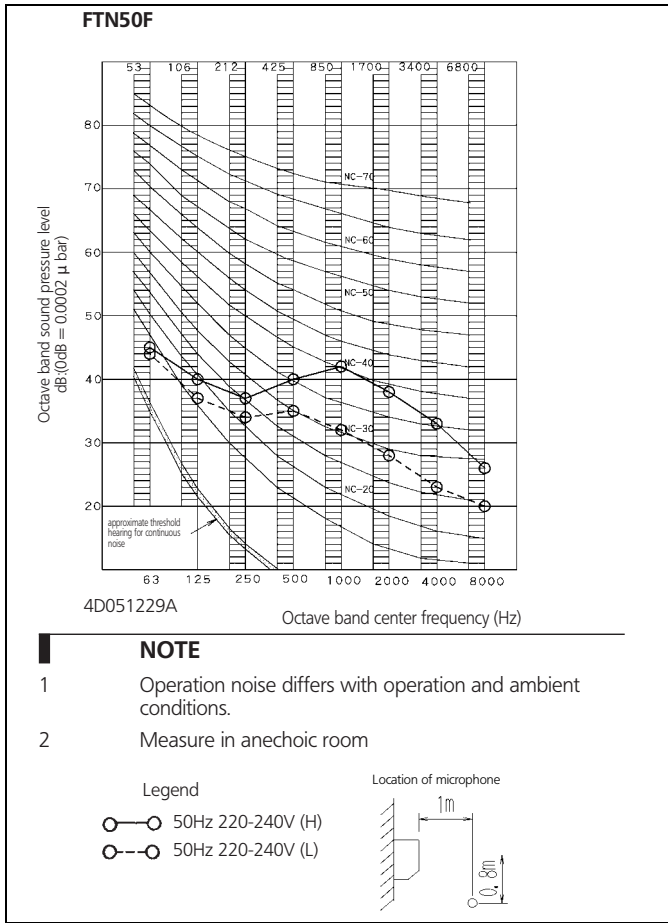
5 Wiring diagram

5 - 1 Wiring diagram



6 Sound data

6 - 1 Sound pressure spectrum



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Split - Sky Air

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