

technical data



FTN-EV1B

Wall Mounted Unit

air conditioning systems

Split Sky Air

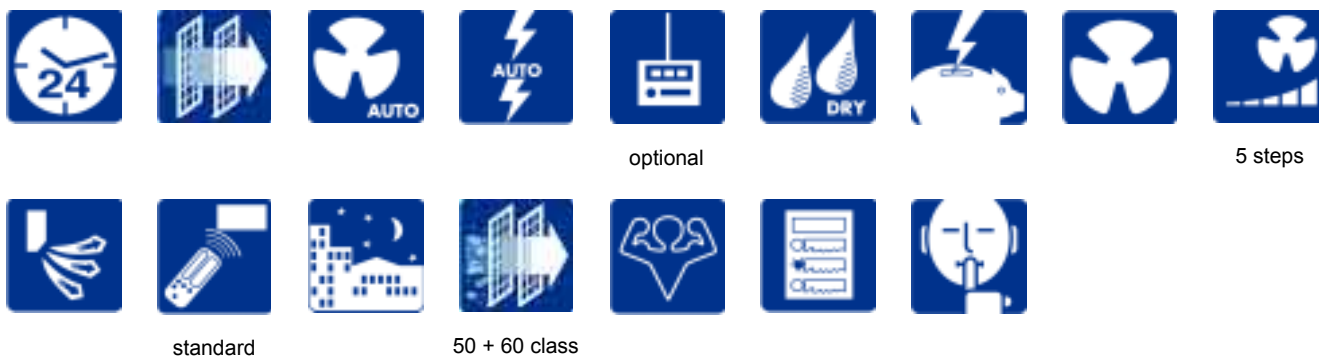
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1 Features

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Extremely quiet in operation
- Auto-swing function ensures efficient air and temperature distribution.
- Powerful mode can be selected for rapid cooling
- Air purification filter: deodorises the air and helps to prevent bacterial and viral propagation
- The photocatalytic deodorising air filter: powerfully decomposes cigarette and pet odours, removes house dust and pollen and deactivates bacteria and viruses
- Washable front panel
- Daikin remote controls give you easy control at your fingertips.
- The indoor unit also has a start/stop button mounted on the front panel
- Up to 5 indoor units can be operated from a single centralised control
- Purpose-designed holder provided for your remote control



2 Specifications

2-1 FOR INDOOR UNITS ONLY			FTN50EV1B	FTN60EV1B
Nominal Input	Cooling	kW	0.034	0.040

2-2 TECHNICAL SPECIFICATIONS				FTN50EV1B		FTN60EV1B	
Casing	Colour			White			
Dimensions	Packing	Height	mm	366		366	
		Width	mm	1147		1147	
		Depth	mm	337		337	
	Unit	Height	mm	290		290	
		Width	mm	1050		1050	
		Depth	mm	238		238	
Weight	Unit		kg	12.0		12.0	
	Packed Unit		kg	17.0		17.0	
Heat Exchanger	Dimensions	Length	mm	863		863	
		Nr of Rows		2		2	
		Fin Pitch	mm	1.40		1.40	
		Nr of Stages		16		16	
	Tube type			Hi-XA (7)			
	Fin	Type			ML fin (Multi louver)		
Fan	Type			Cross flow fan			
Air Flow Rate	Cooling	High	m³/min	14.7		16.2	
		Medium	m³/min	12.4		13.6	
		Low	m³/min	10.3		11.4	
Fan	Motor	Quantity		1		1	
		Model		ARW30R8P43DA			
		Number of steps		5 steps, silent and auto			
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	High	dBA	59.0		61.0	
	Sound Pressure	High	dBA	43.0		45.0	
		Low	dBA	34.0		36.0	
Refrigerant	Type			R-410A			
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.35		6.35	
	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				Left, right, up and downwards			
Temperature control				Microcomputer control			

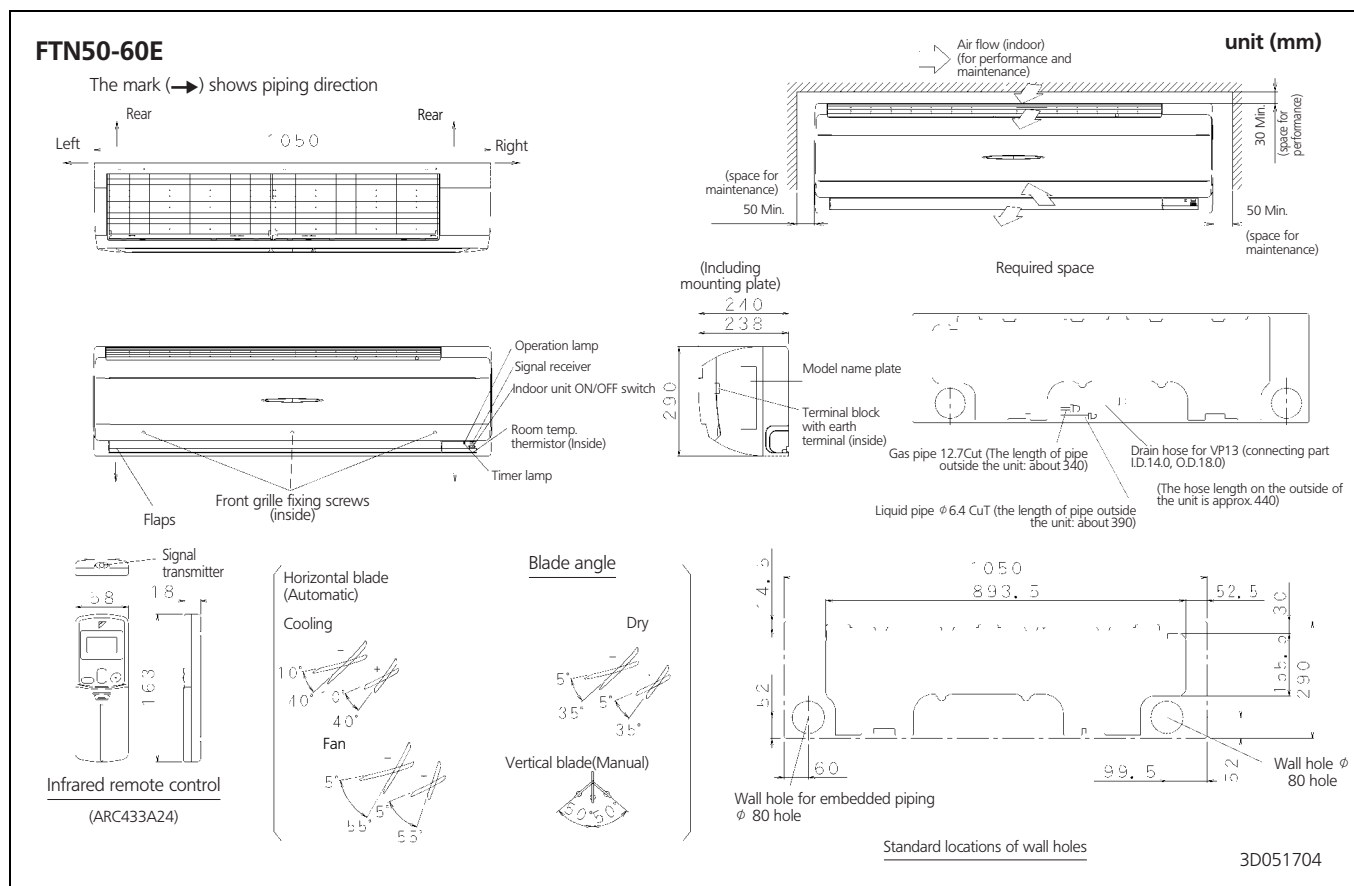
2 Specifications

2-2 TECHNICAL SPECIFICATIONS		FTN50EV1B	FTN60EV1B
Standard Accessories	Item	Installation manual	
	Quantity	1	1
	Item	Operation manual	
	Quantity	1	1
	Item	Infrared remote control	
	Quantity	1	1
	Item	Indoor unit fixing screws	
	Quantity	2	2
	Item	Batteries	
	Quantity	2	2
	Item	Titanium apatite photocatalytic air purification filter	
	Quantity	2	2
	Item	Remote control holder	
	Quantity	1	1
	Item	Mounting plate	
Quantity	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				FTN50EV1B		FTN60EV1B	
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	
Wiring connections	For Power Supply	Quantity		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

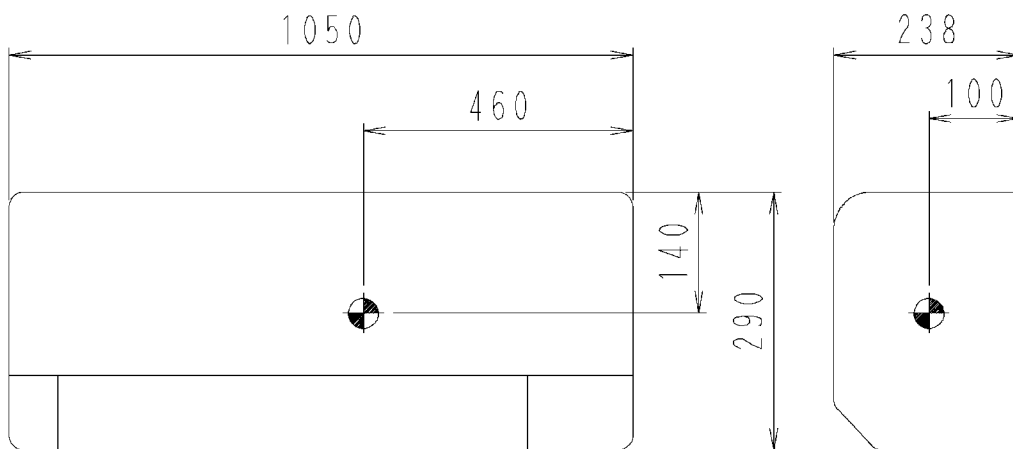
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

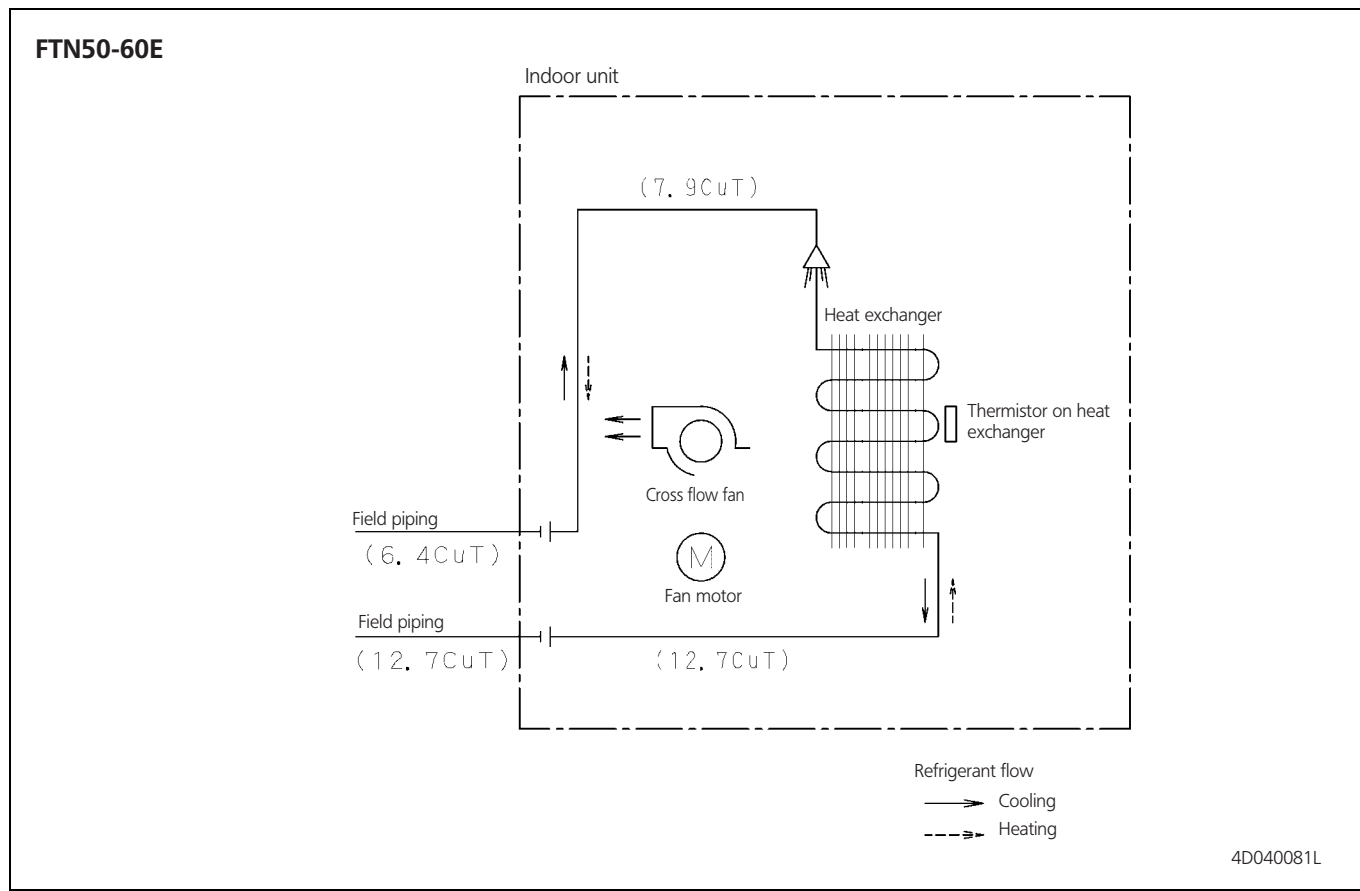
3 - 2 Centre of gravity

FTN50-60E



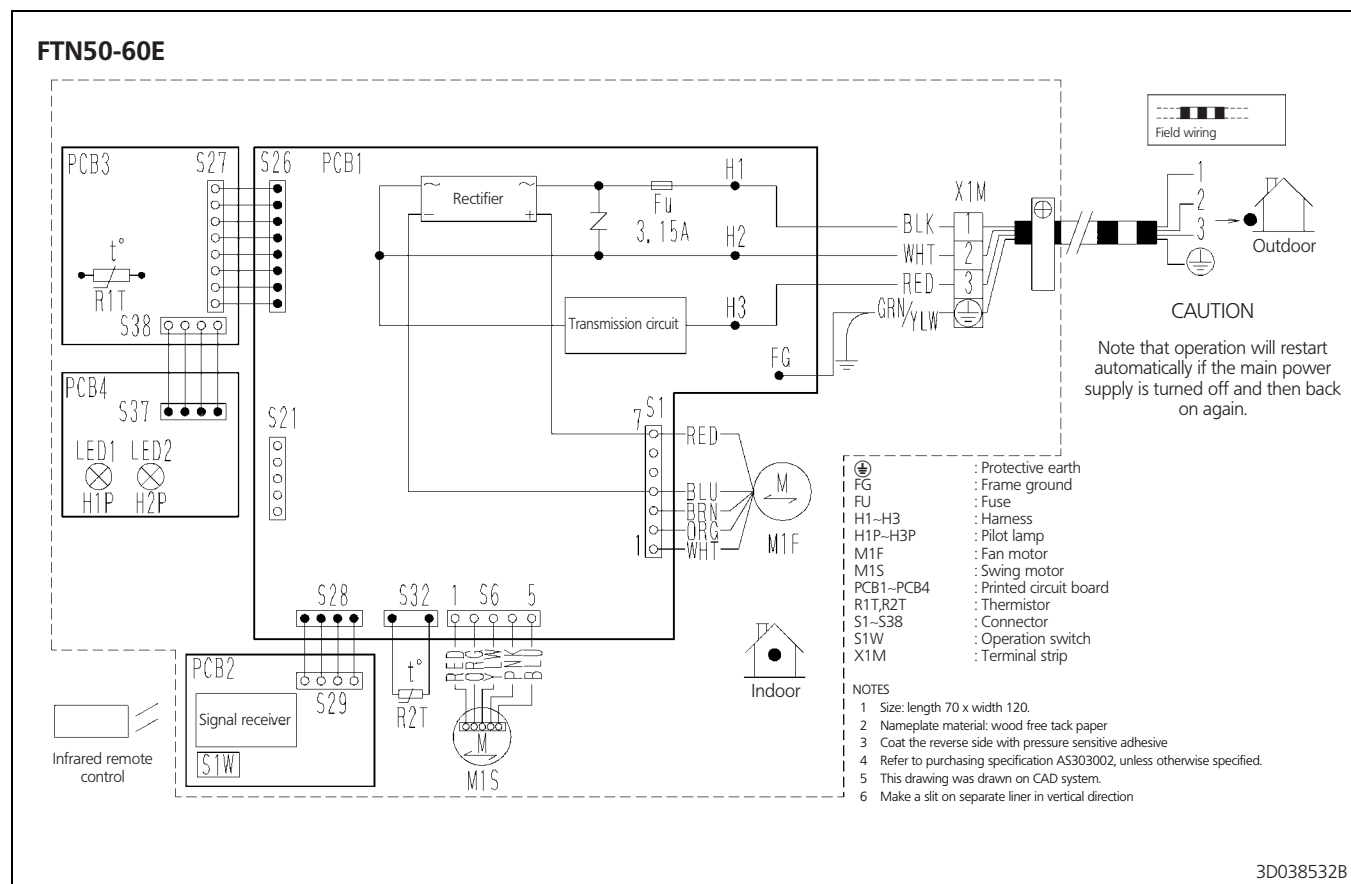
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4 Piping diagram



5 Wiring diagram

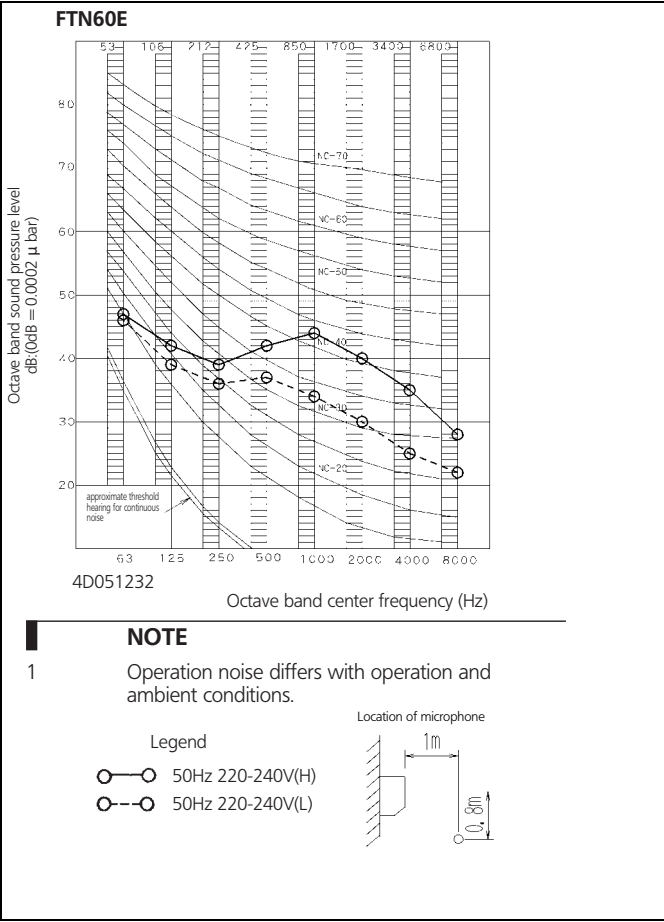
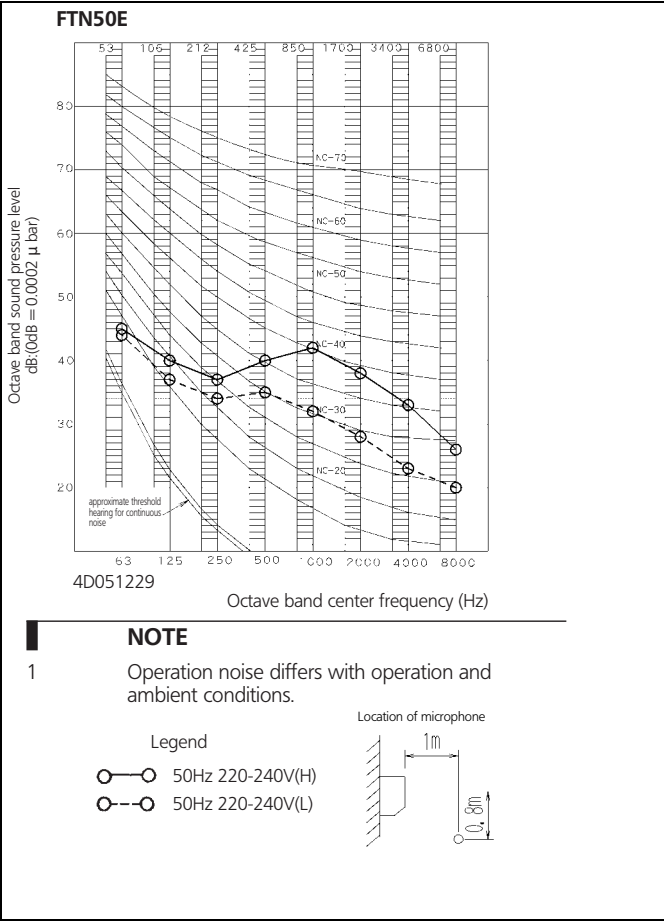
5 - 1 Wiring diagram



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6 Sound data

6 - 1 Sound pressure spectrum



Split - Sky Air

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