



FTKS-EV1B

**Wall Mounted,
Inverter Controlled Unit**

air conditioning systems

Split
Sky Air

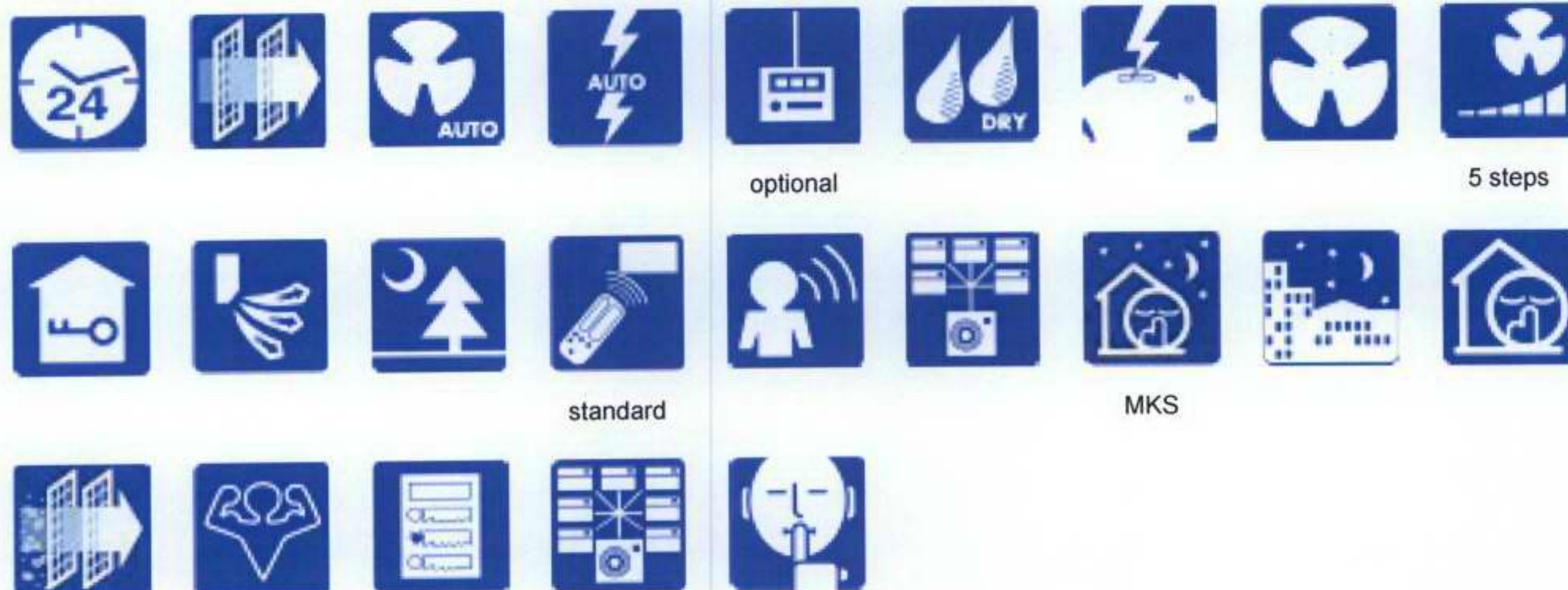
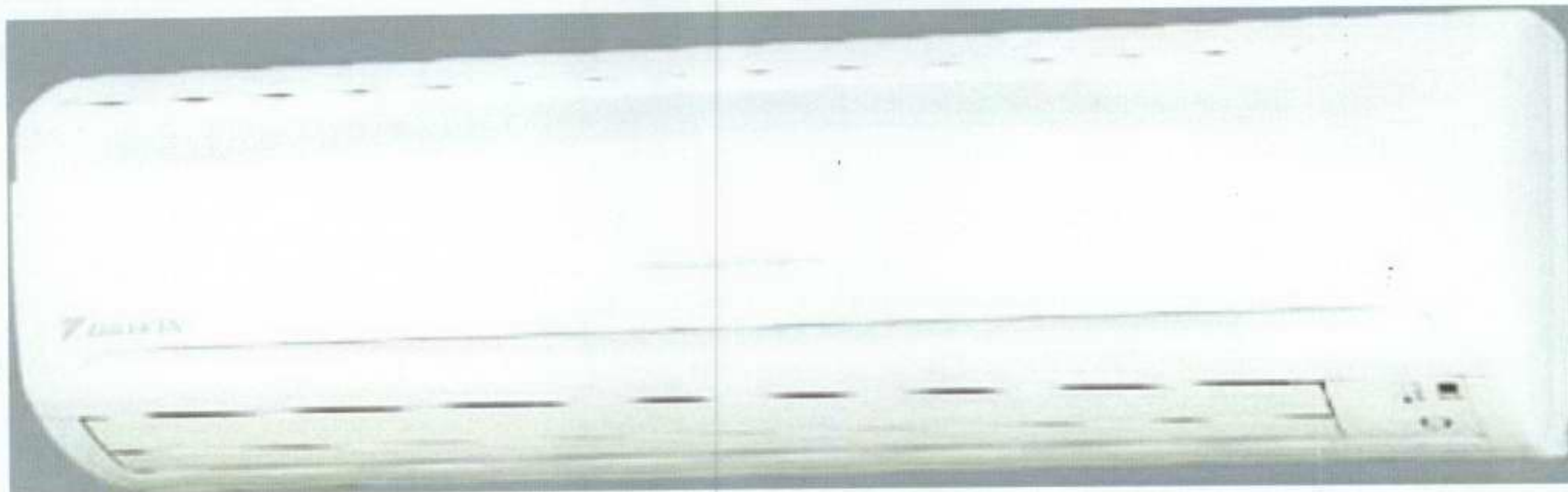
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1 Features

- Compact&stylish
- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- The movement sensor saves power consumption in unoccupied rooms
- The home leave operation saves energy during absence
- Auto-swing function ensures efficient air and temperature distribution.
- 3D-air flow (50,60,71 class only)
- 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
- Indoor unit silent operation: "Silent" button on the remote control lowers the operation sound of the indoor unit by 3dB(A).
- Up to 5 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with remote control and do not need to be installed in the same room or at the same time. They operate simultaneously within the same cooling mode
- Easy to install
- Daikin remote controls give you easy control at your fingertips.
- The remote control has a 24-hour timer
- 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			FTKS50EV1B	FTKS60EV1B	FTKS71EV1B
Nominal Input	Cooling	kW	0.034	0.040	0.045

2-2 TECHNICAL SPECIFICATIONS				FTKS50EV1B		FTKS60EV1B		FTKS71EV1B	
Casing	Colour					White			
Dimensions	Packing	Height	mm	366		366		366	
		Width	mm	1147		1147		1147	
		Depth	mm	337		337		337	
	Unit	Height	mm	290		290		290	
		Width	mm	1050		1050		1050	
		Depth	mm	238		238		238	
Weight	Unit		kg	12.0		12.0		12.0	
	Packed Unit		kg	17.0		17.0		17.0	
Heat Exchanger	Dimensions	Length	mm	863		863		863	
		Nr of Rows		2		2		2	
		Fin Pitch	mm	1.40		1.40		1.40	
		Nr of Stages		16		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		17.4	
		Medium	m³/min	12.4		13.6		14.6	
		Low	m³/min	10.3		11.4		11.6	
		Silent Operation	m³/min	9.5		10.2		10.6	
Fan	Motor	Quantity		1		1		1	
		Model		ARW30R8P43DA		ARW30R8P43DA		ARW30R8P430A	
		Number of steps				5 steps, silent and auto			
Motor	Speed (cooling)	High	rpm	1240		1330		1410	
		Medium	rpm	1090		1170		1220	
		Low	rpm	930		1010		1040	
		Silent Operation	rpm	860		920		950	
Fan	Motor	Output (high)	W	43		43		43	
Cooling	Sound Power	High	dBA	59.0		61.0		63.0	
	Sound Pressure	High	dBA	43.0		45.0		46.0	
		Medium	dBA	39.0		41.0		42.0	
		Low	dBA	34.0		36.0		37.0	
		Silent Operation	dBA	31.0		33.0		34.0	
Refrigerant	Type					R-410A			
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.35		6.35		6.35	
	Gas	Diameter (OD)	mm	12.7		12.7		15.9	
	Drain	Diameter (OD)	mm	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			

2 Specifications

2-2 TECHNICAL SPECIFICATIONS		FTKS50EV1B	FTKS60EV1B	FTKS71EV1B
Standard Accessories	Item	Installation manual		
	Quantity	1	1	1
	Item	Operation manual		
	Quantity	1	1	1
	Item	Infrared remote control		
	Quantity	1	1	1
	Item	Indoor unit fixing screws		
	Quantity	2	2	2
	Item	Batteries		
	Quantity	2	2	2
	Item	Titanium apatite photocatalytic air purification filter		
	Quantity	2	2	2
	Item	Remote control holder		
	Quantity	1	1	1
	Item	Mounting plate		
Quantity	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				FTKS50EV1B		FTKS60EV1B		FTKS71EV1B	
Power Supply	Name			V1					
	Phase			1		1		1	
	Frequency		Hz	50		50		50	
	Voltage		V	220-240					
Current	Nominal running current (RLA)	Cooling	A	0.15		0.18		0.20	
Wiring connections	For Power Supply	Quantity		3		3		3	
		Remark		4 for interunit wiring (included earth wiring)					
Voltage range	Minimum			-10%					
	Maximum			+10%					
Power Supply Intake				Outdoor unit only					

3 Options

FTK/XS-C/E		20	25	35	50	60	71
Option name							
Wiring adapter for time clock / remote control (1)	Normal open contact				KRP413A1S		
	Normal open pulse contact				KRP413A1S		
Centralised control board	1 up to 5 rooms (2)				KRC72		
Central remote control					DCS302C51		
Unified ON/OFF control					DCS301B51		
Schedule timer					DST301B51		
Interface adapter (3)					KRP928A2S		
Air purification filter with photocatalytic deodorising function (with frame)					KAF918A43		
Air purification filter with photocatalytic deodorising function (without frame)					KAF918A44		
Anti-theft protection for remote control					KKF917AA4		

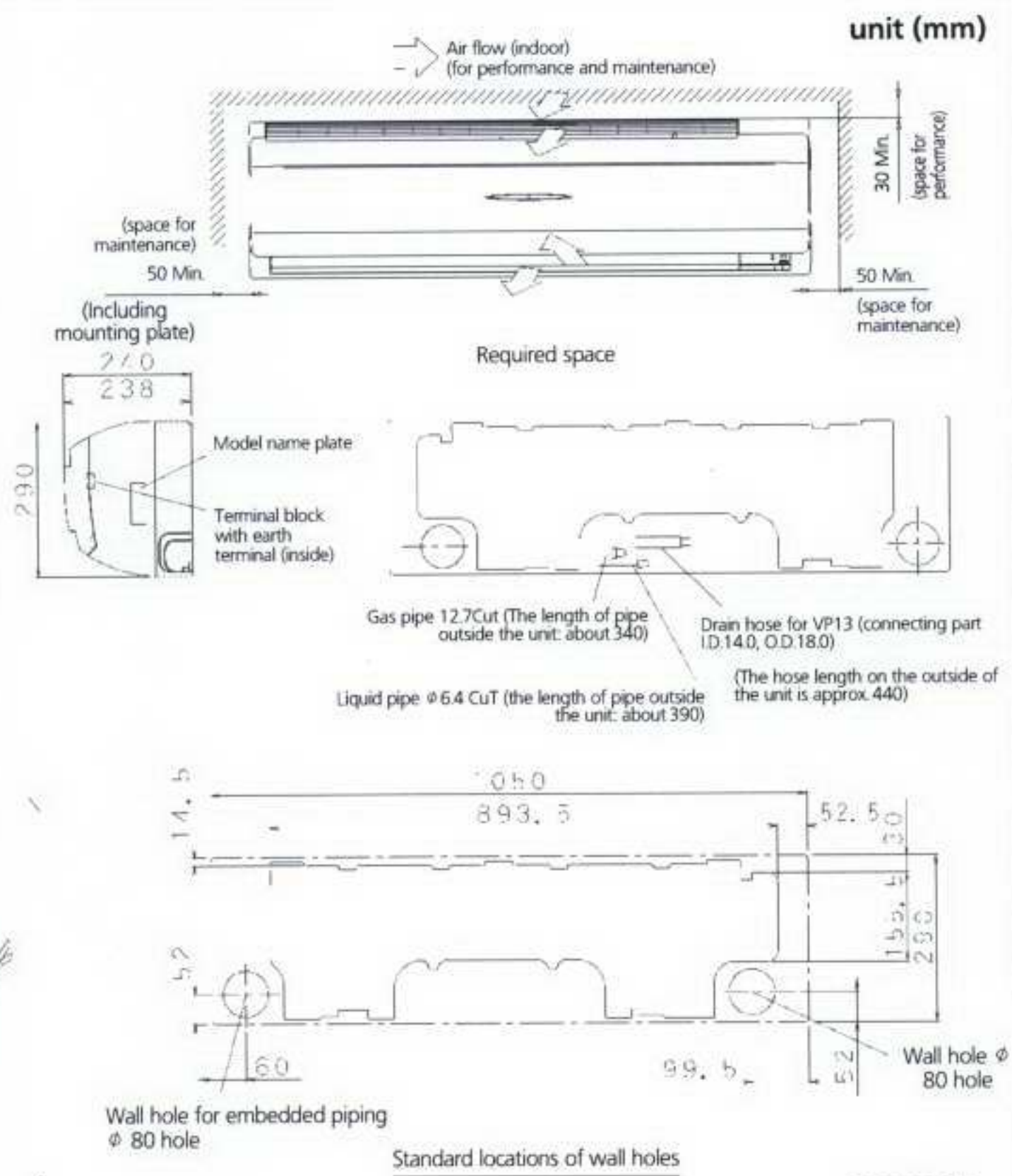
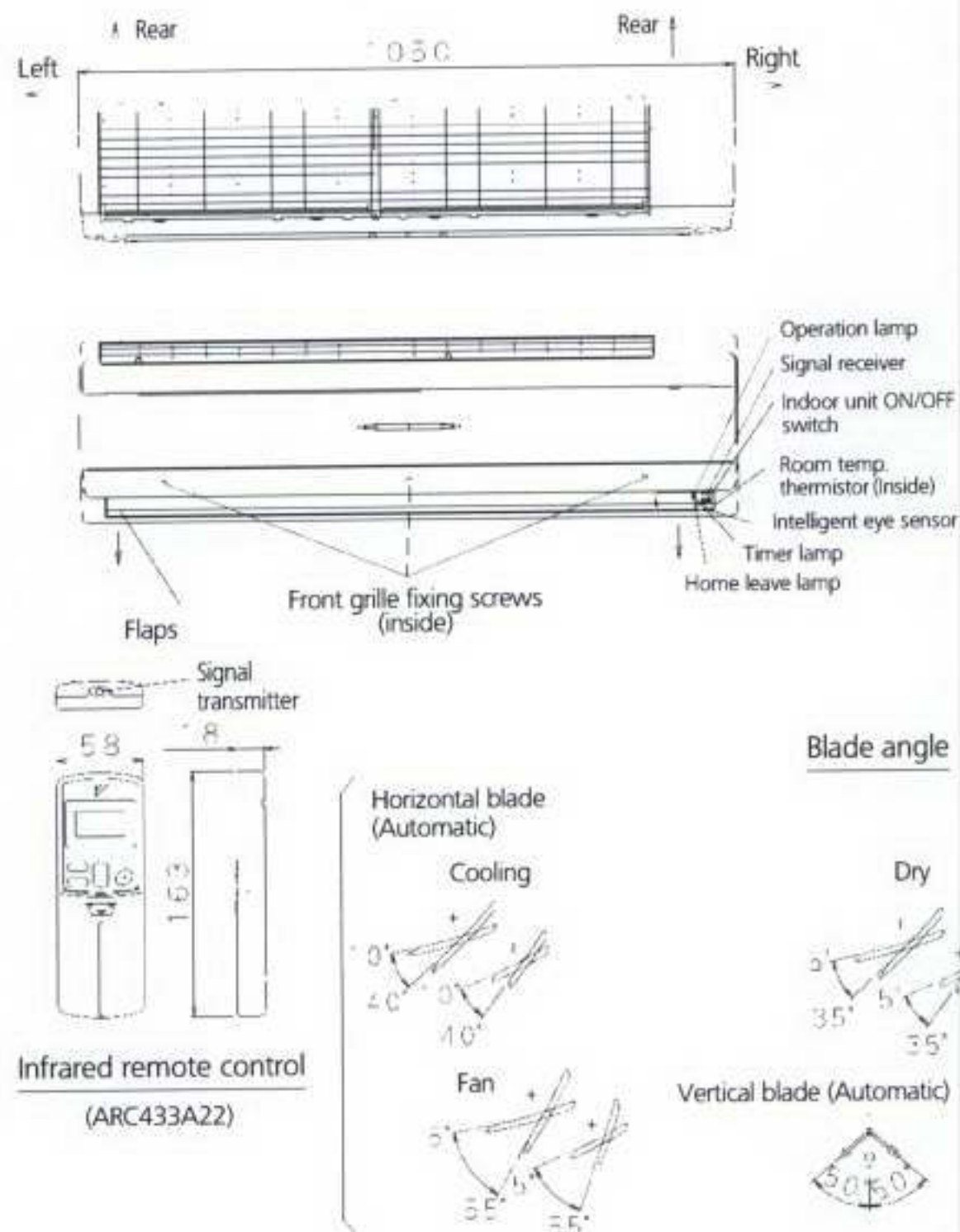
(1) Wiring adapter is also required for each indoor unit.
 (2) Wiring adapter supplied by Daikin. Time clock and other devices: field supply.
 (3) Interface adapter for room air conditioners (DIII-NET)

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

FTKS50-60E

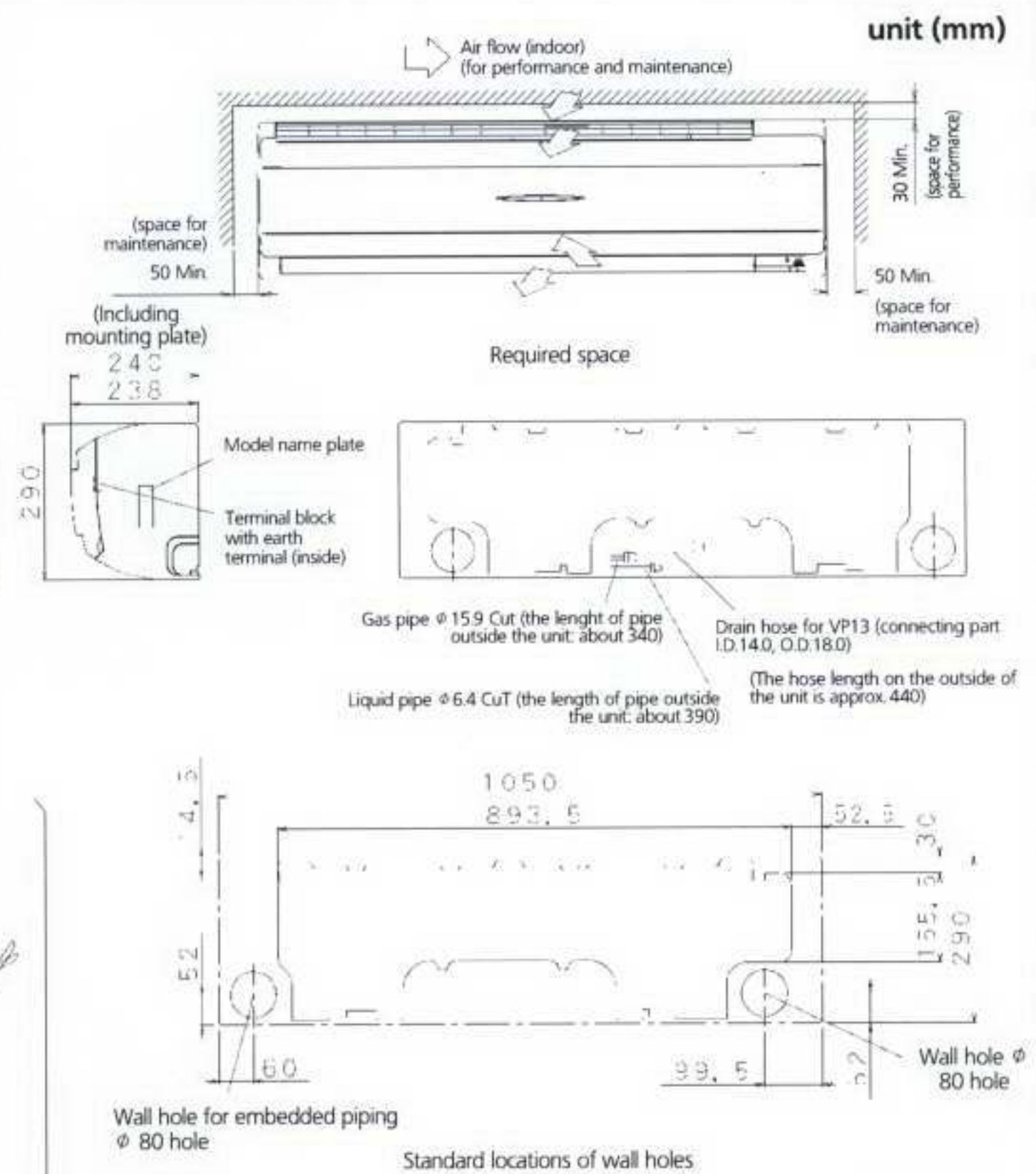
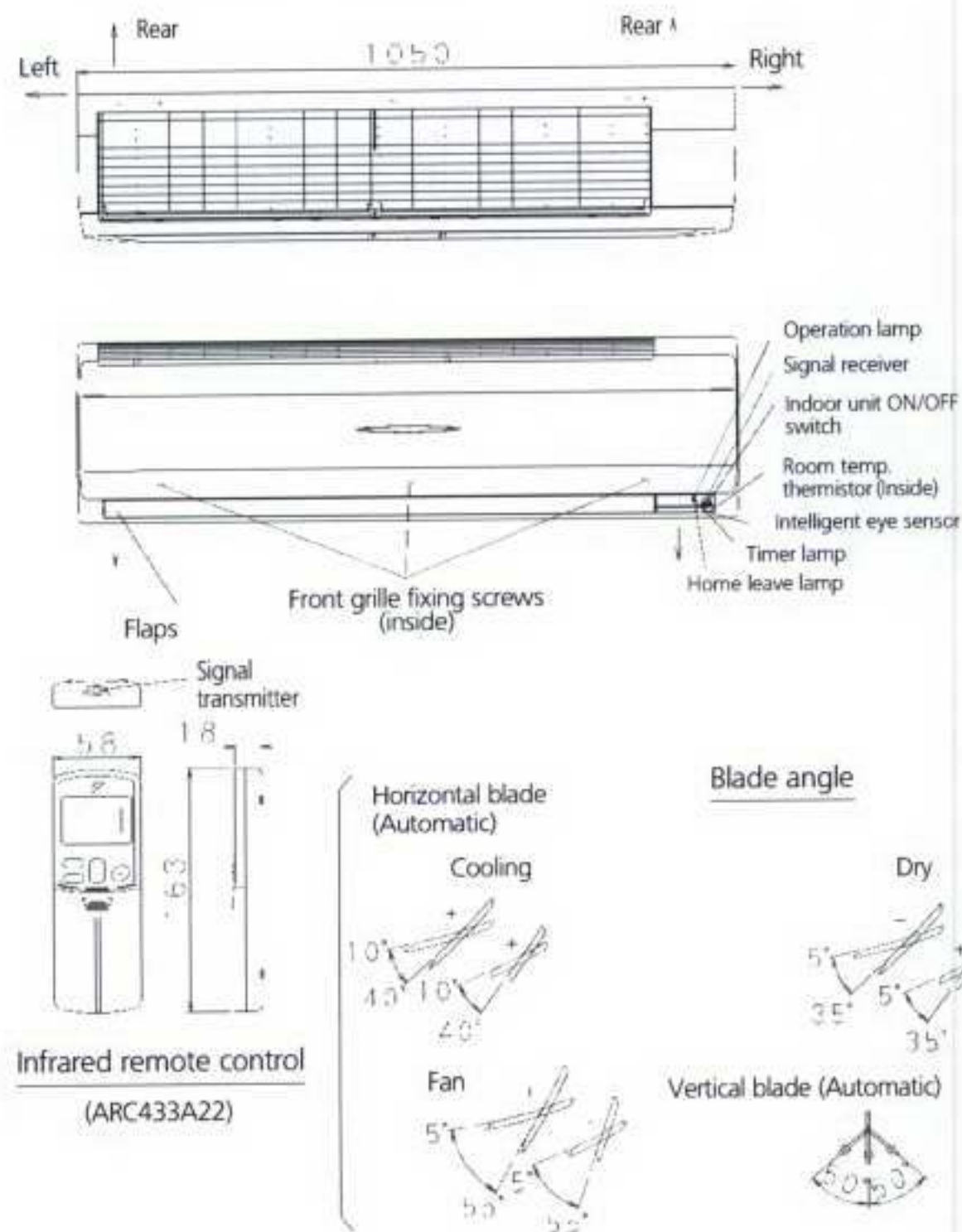
The mark (→) shows piping direction



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FTKS71E

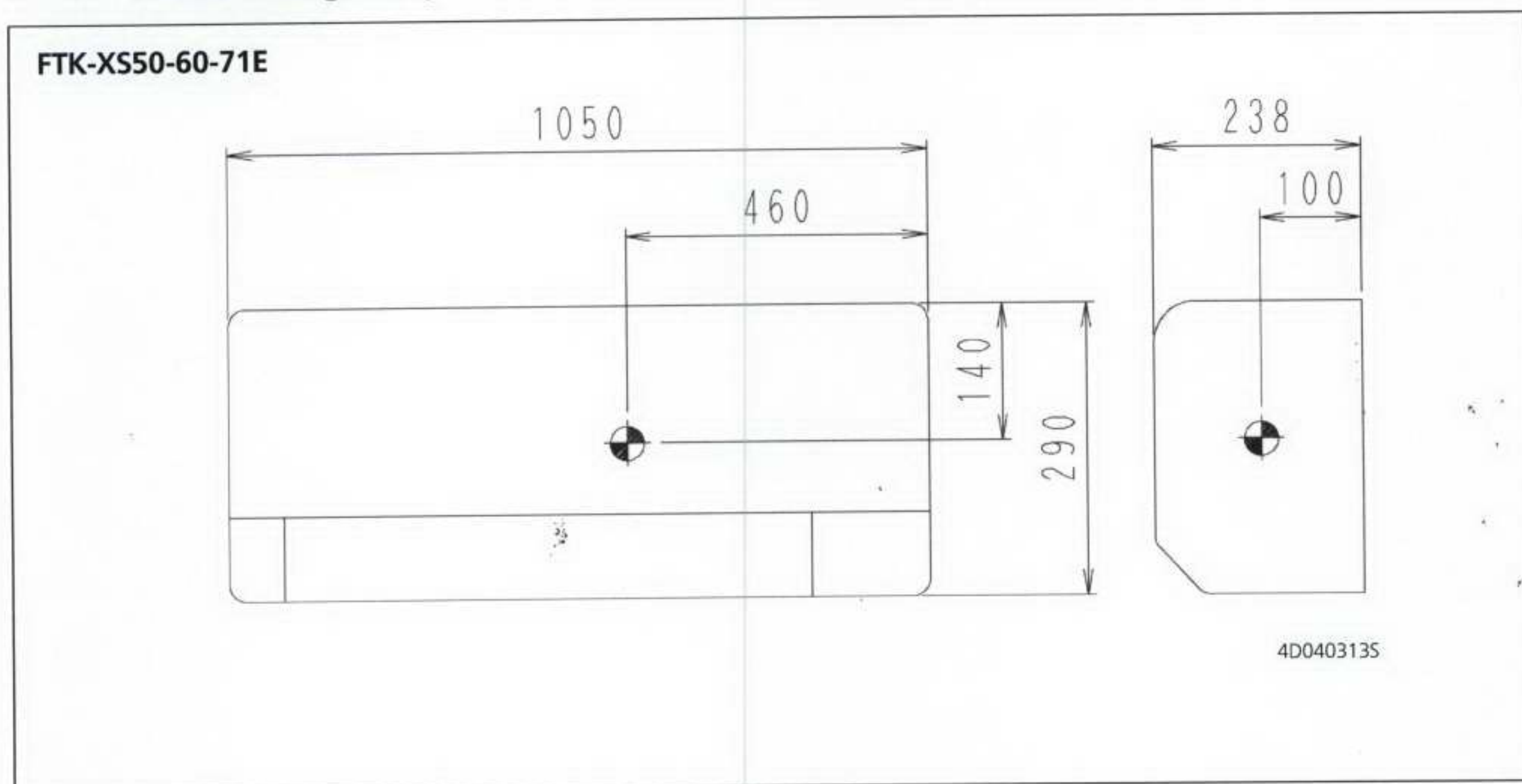
The mark (→) shows piping direction



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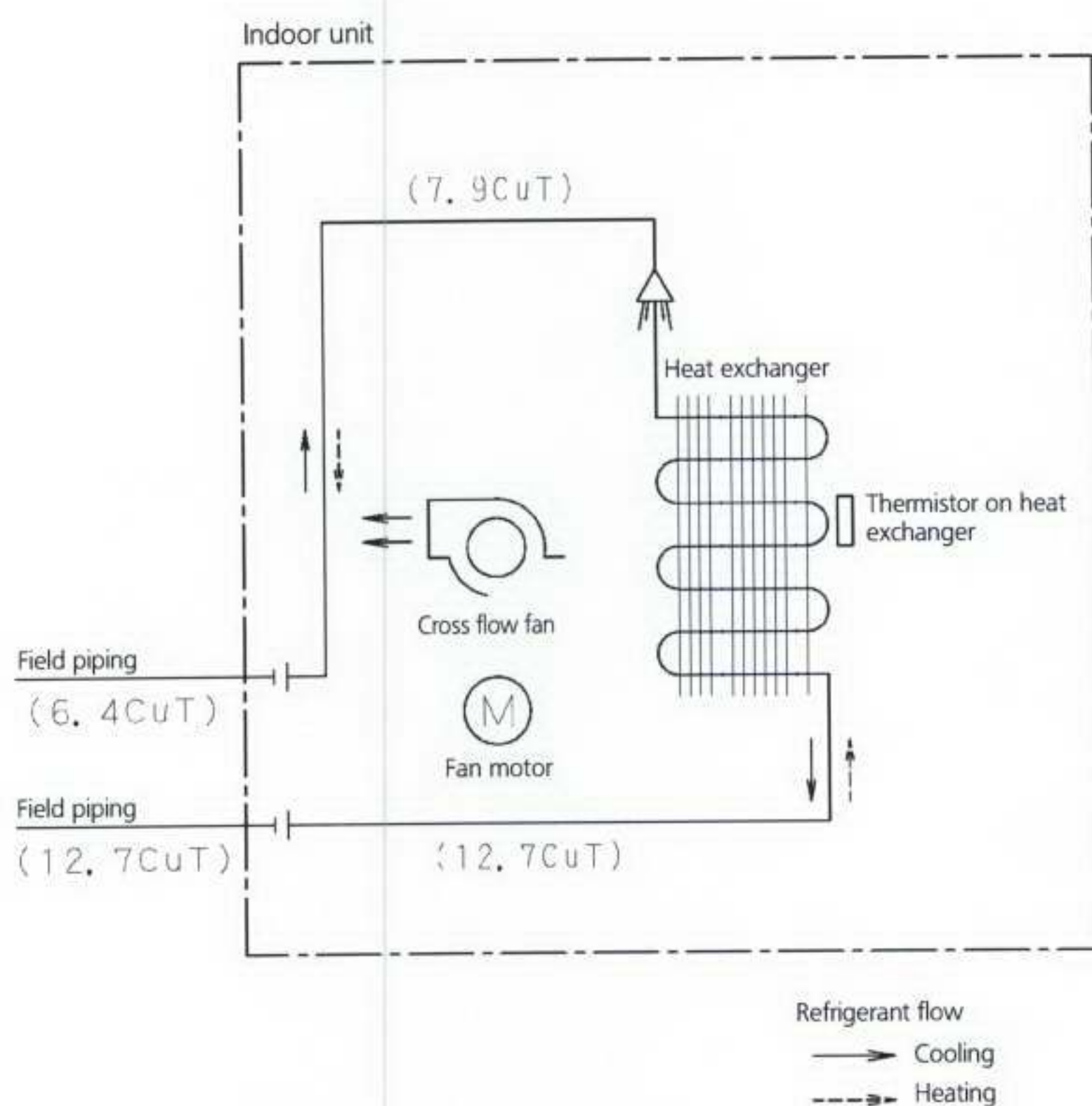
4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity



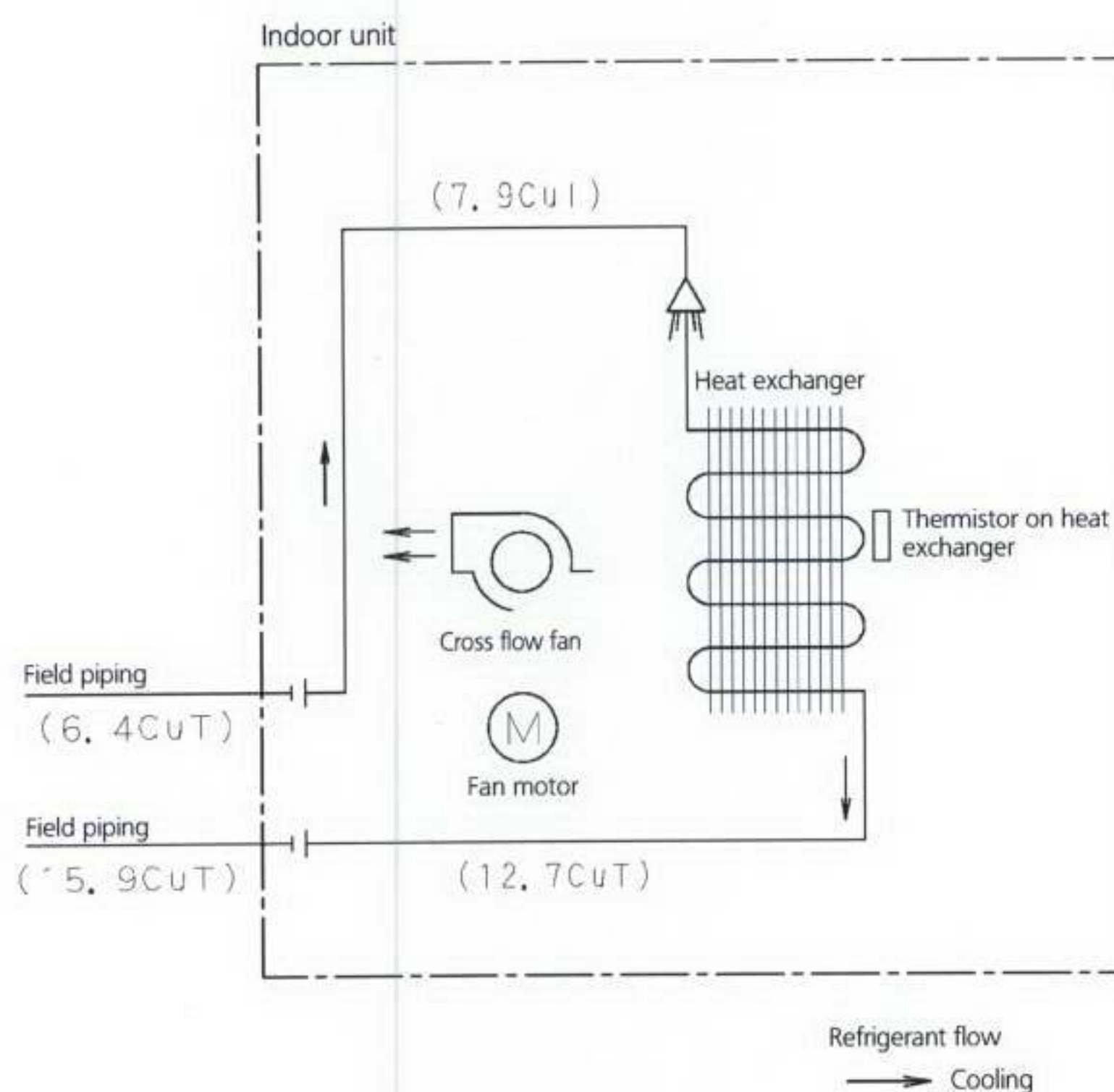
5 Piping diagram

FTK-XS50-60E



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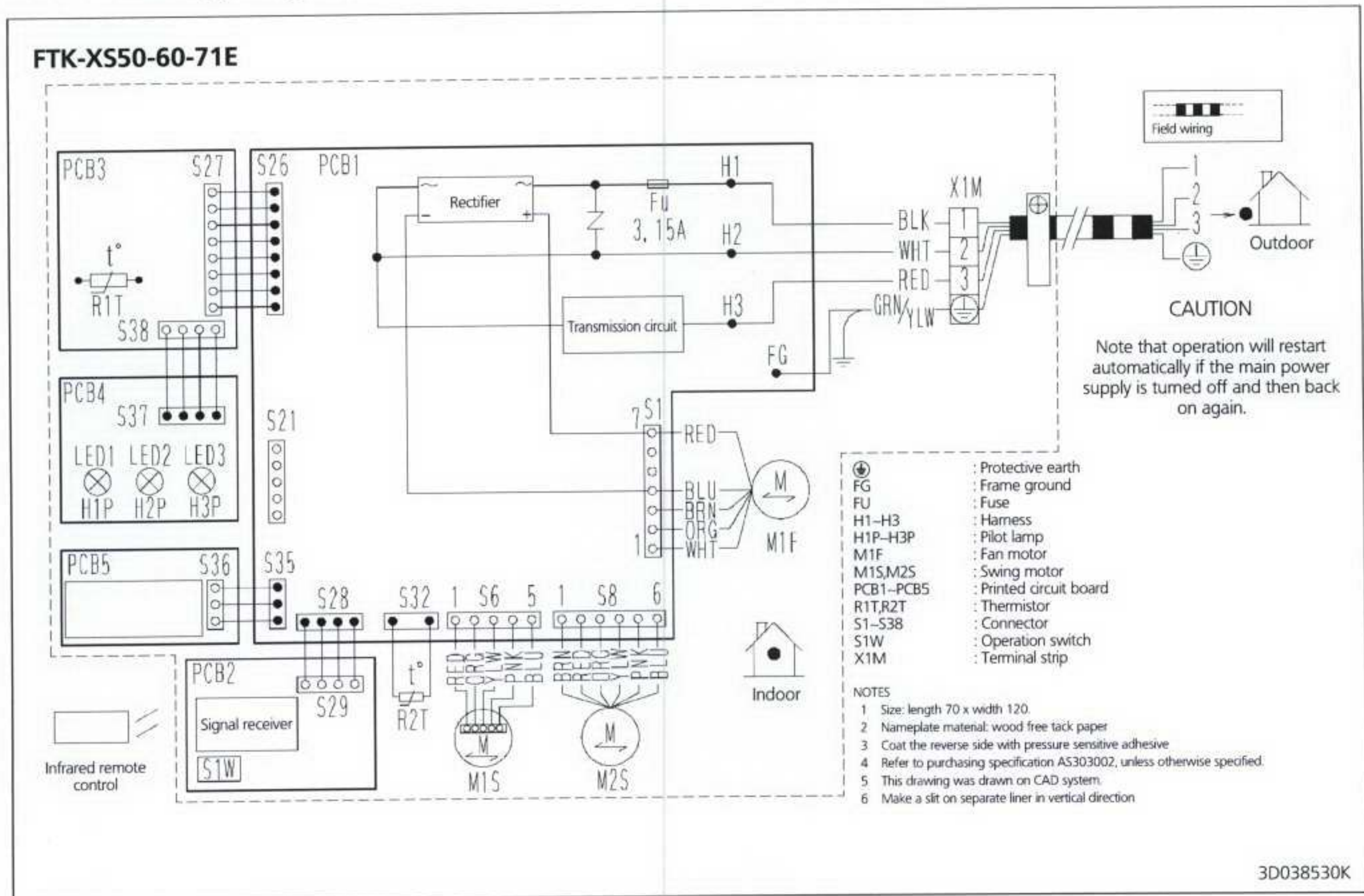
FTKS71E



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6 Wiring diagram

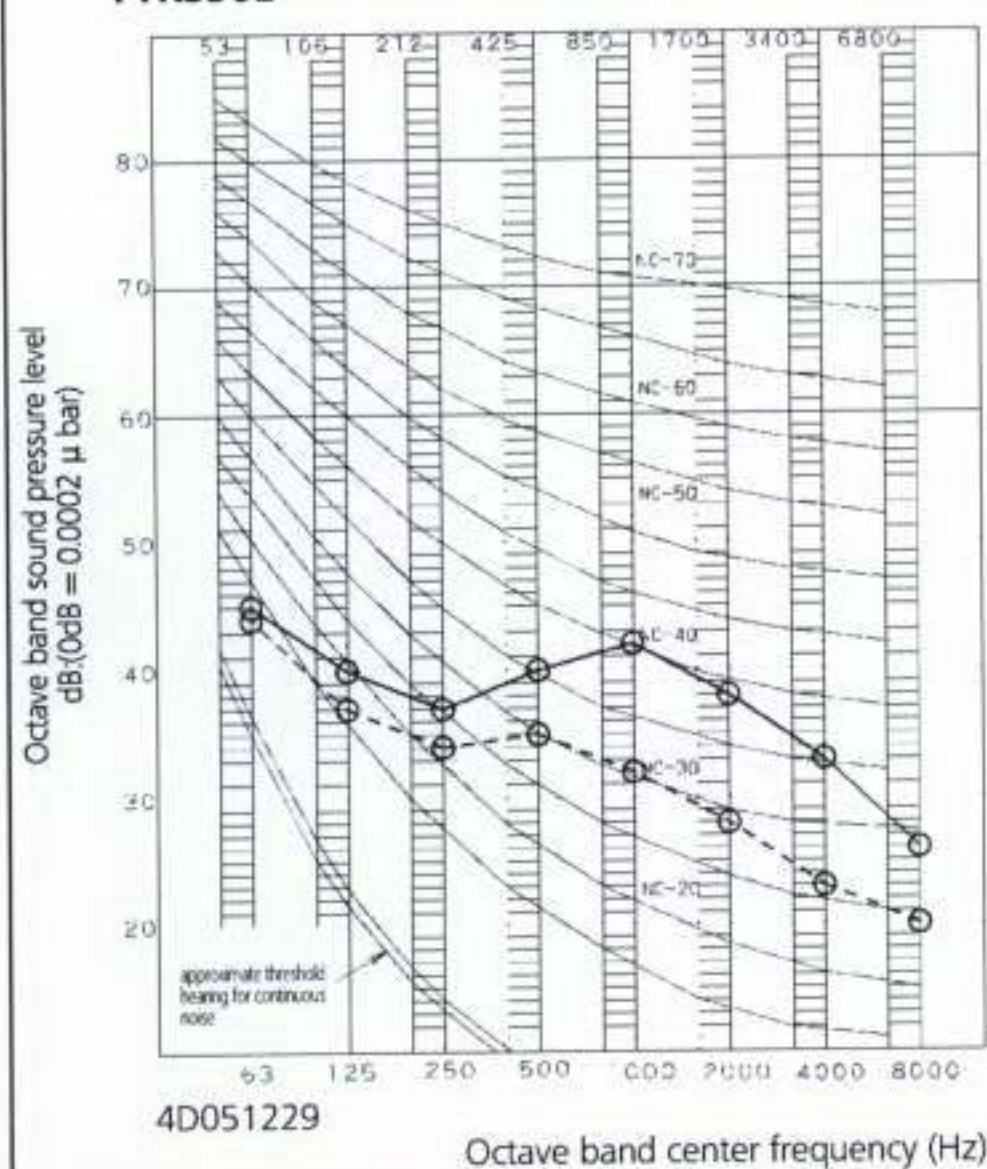
6 - 1 Wiring diagram



7 Sound data

7-1 Sound pressure spectrum

FTKS50E



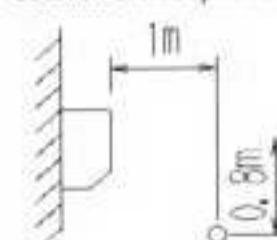
NOTE

- 1 Operation noise differs with operation and ambient conditions.

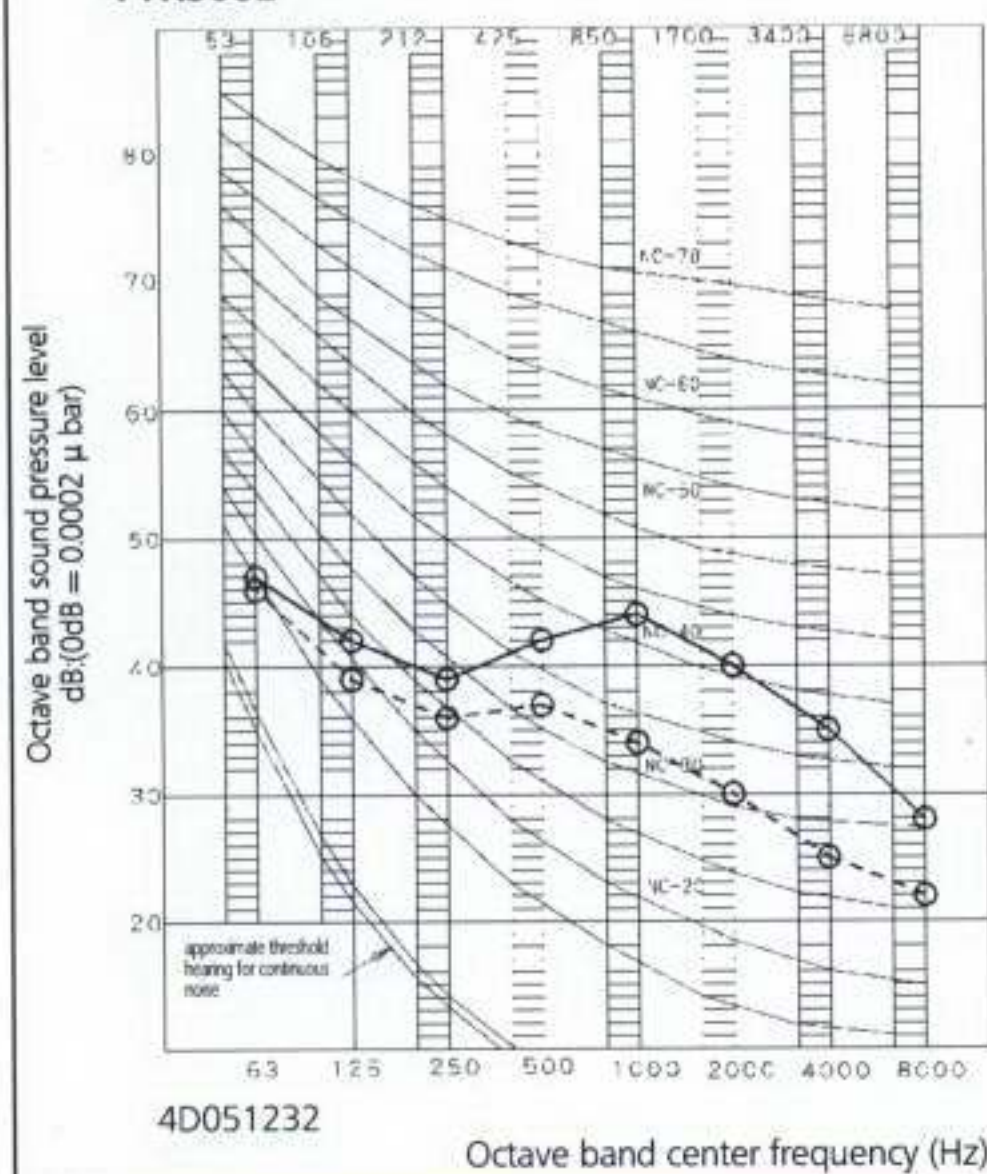
Legend

- 50Hz 220-240V(H)
- - ○ 50Hz 220-240V(L)

Location of microphone



FTKS60E



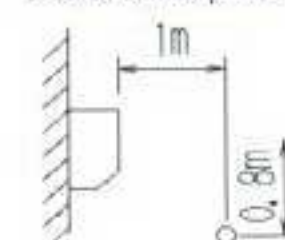
NOTE

- 1 Operation noise differs with operation and ambient conditions.

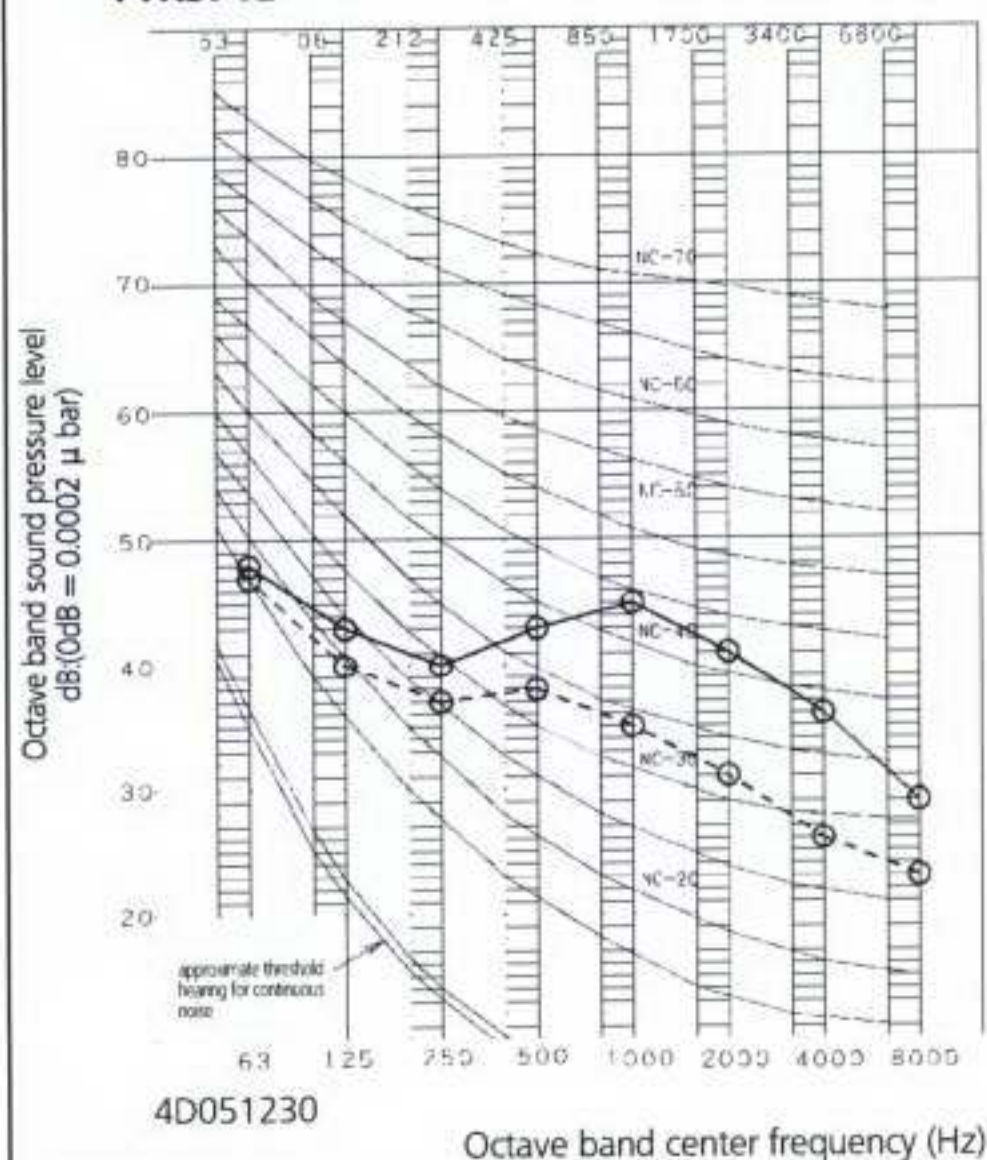
Legend

- 50Hz 220-240V(H)
- - ○ 50Hz 220-240V(L)

Location of microphone



FTKS71E



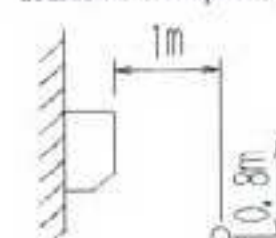
NOTE

- 1 Operation noise differs with operation and ambient conditions.

Legend

- 50Hz 220-240V(H)
- - ○ 50Hz 220-240V(L)

Location of microphone



Split - Sky Air

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