



Air Conditioners

# Technical Data

Wall mounted unit



EEDEN12-100

FTXS-K

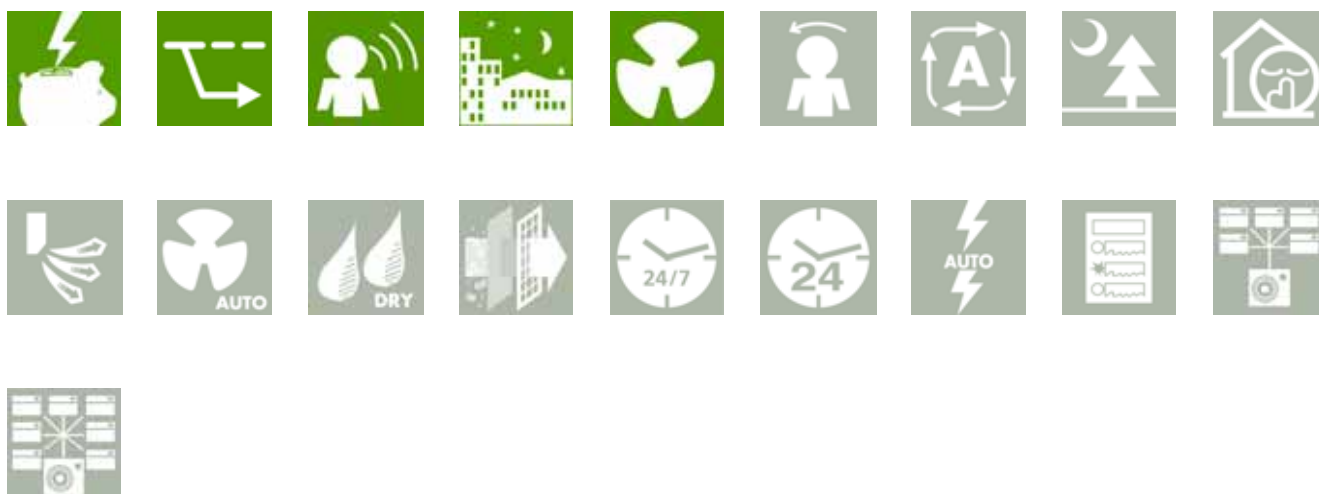
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# 1 Features

- These models are especially designed for small or well-insulated rooms.
- Ideal for installation in bedrooms
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.



## 2 Specifications

2-1 Technical Specifications					FTXS20K		FTXS25K		
Power input	Cooling	Nom.		kW	0.04				
	Heating	Nom.		kW	0.04				
Casing	Colour				White				
Dimensions	Unit	Height/Width/Depth		mm	289/780/215				
	Packed unit	Height/Width/Depth		mm	346/850/274				
Weight	Unit			kg	8				
	Packed unit			kg	12				
Heat exchanger	Length			mm	610				
	Rows	Quantity			2				
	Fin pitch			mm	1.4				
	Stages	Quantity			14				
	Tube type			ø7 Hi-XA					
	Fin	Type			ML fin (Multi louver)				
Fan	Type				Cross flow fan				
	Air flow rate	Cooling	High	m³/min	8.8		9.1		
				cfm	311		321		
			Nom.	m³/min	6.7		7.0		
				cfm	237		247		
			Low	m³/min	4.7		5.0		
				cfm	166		177		
		Silent operation	m³/min	3.9					
			cfm	138					
		Heating	High	m³/min	9.5		10.0		
				cfm	335		353		
			Nom.	m³/min	7.8		8.0		
				cfm	275		282		
			Low	m³/min	6.0				
				cfm	212				
			Silent operation	m³/min	4.3				
				cfm	152				
Fan motor	Model				MM6C02J2VA				
	Speed	Steps			5 + silent, + auto				
		Cooling	High/Medium/Low/Silent operation		rpm	1,330/1,050/780/670		1,370/1,090/820/670	
		Heating	High/Medium/Low/Silent operation		rpm	1,360/1,140/920/690		1,410/1,160/920/690	
	Output	High		W	16				
Sound power level	Cooling	Nom.		dBA	56		57		
	Heating	Nom.		dBA	56		57		
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	40/32/24/19		41/33/25/19		
	Heating	Super high/High/Nom./Low/Silent operation		dBA	-/40/34/27/19		-/41/34/27/19		
Piping connections	Liquid	OD			6.35				
	Gas	OD			9.5				
	Drain			18					
	Heat insulation			Both liquid and gas pipes					
Temperature control					Microcomputer control				
Air direction control					Right, Left, Horizontal, Downward				

Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;

Standard Accessories : Indoor unit fixing screws; Quantity : 2;

Standard Accessories : Mounting plate; Quantity : 1;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Wireless remote control; Quantity : 1;

Standard Accessories : Batteries; Quantity : 2;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

## 2 Specifications

2-2 Electrical Specifications				FTXS20K	FTXS25K
Power supply	Phase			1~	
	Frequency	Hz		50	
	Voltage	V		220-240	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.19 (1) / 0.18 (2) / 0.17 (3)	0.19 (1) / 0.18 (2) / 0.17 (3)
		Heating	A	0.19 (1) / 0.18 (2) / 0.17 (3)	0.19 (1) / 0.18 (2) / 0.17 (3)
Current - 60Hz	Nominal running current		A	-	
Wiring connections - 50Hz	For power supply	Remark		3 for power supply, 4 for interunit wiring (Earth wire included)	

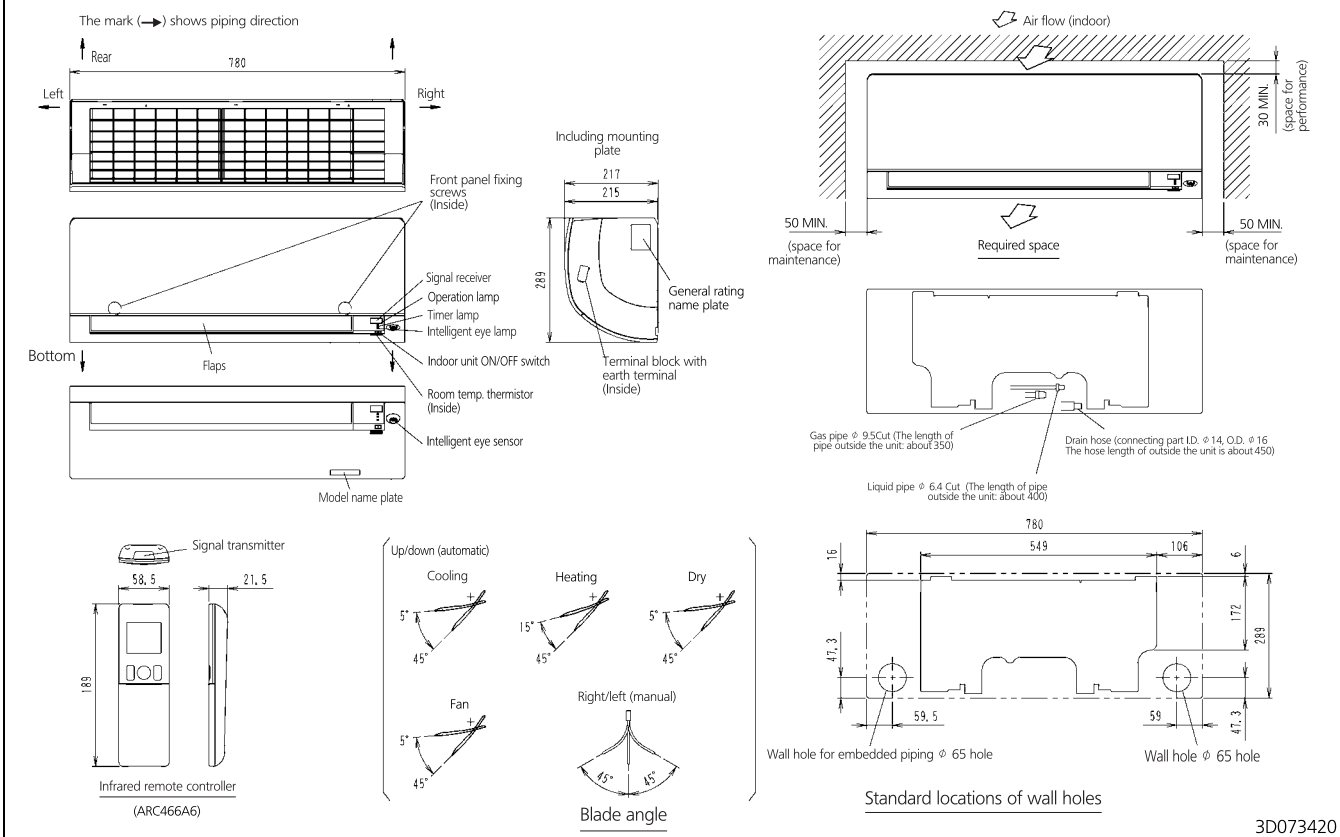
### Notes

- (1) 220V
- (2) 230V
- (3) 240V

## 3 Dimensional drawings

### 3 - 1 Dimensional Drawings

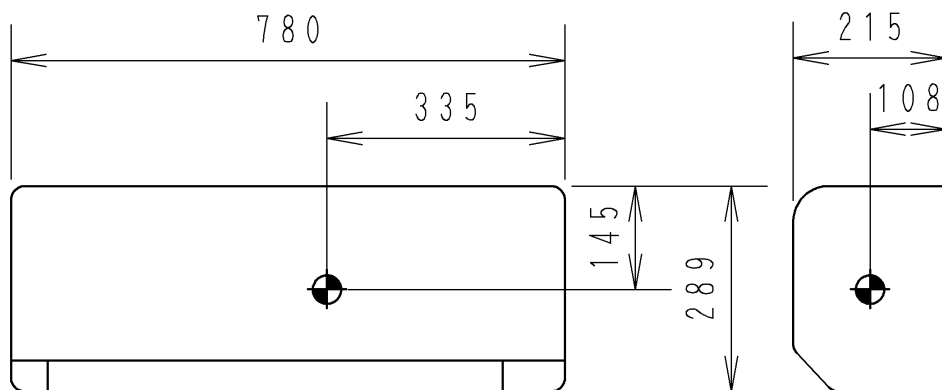
#### FTXS20-25K



## 4 Centre of gravity

### 4 - 1 Centre of Gravity

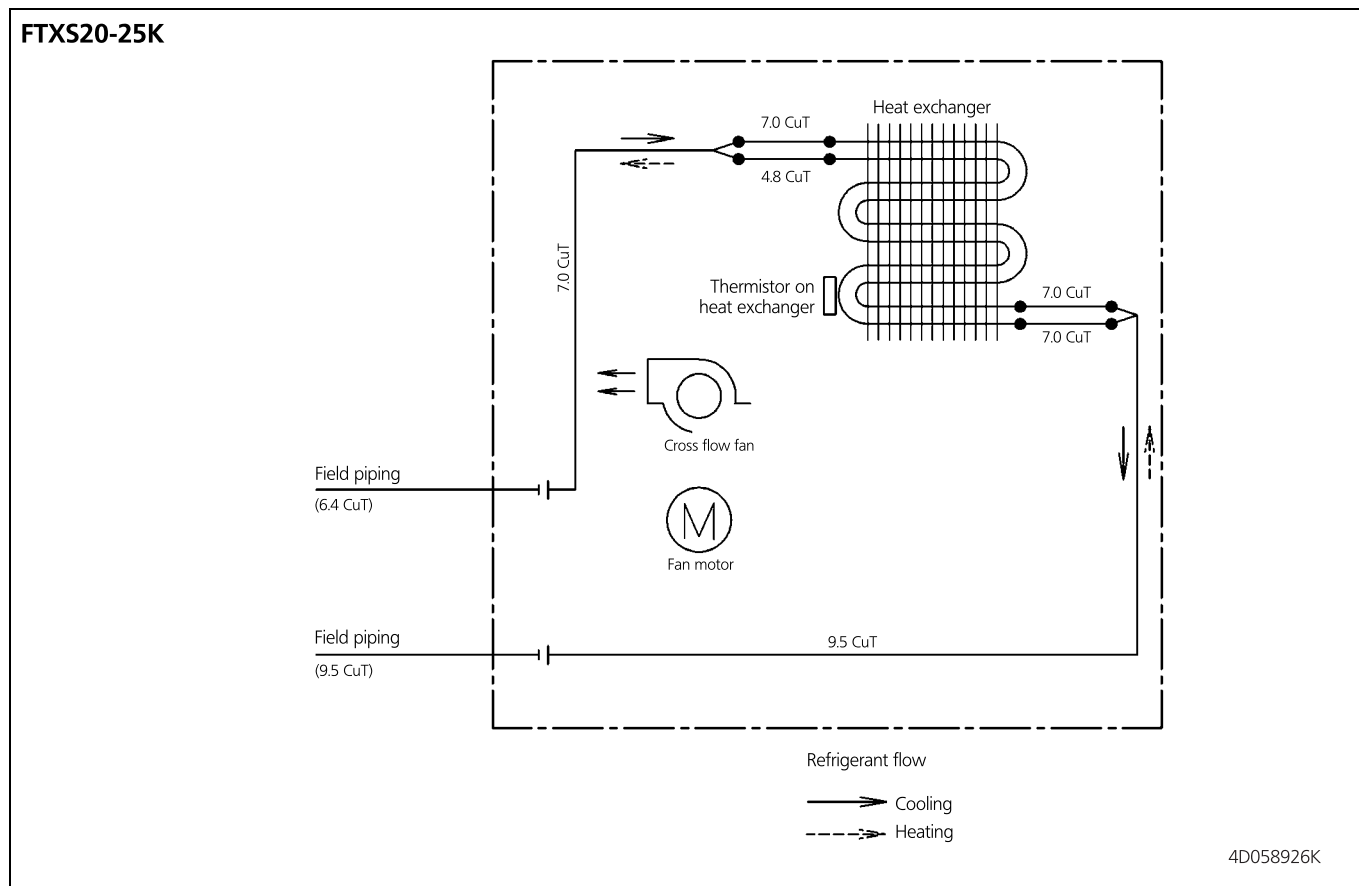
FTXS20-25K



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## 5 Piping diagrams

### 5 - 1 Piping Diagrams

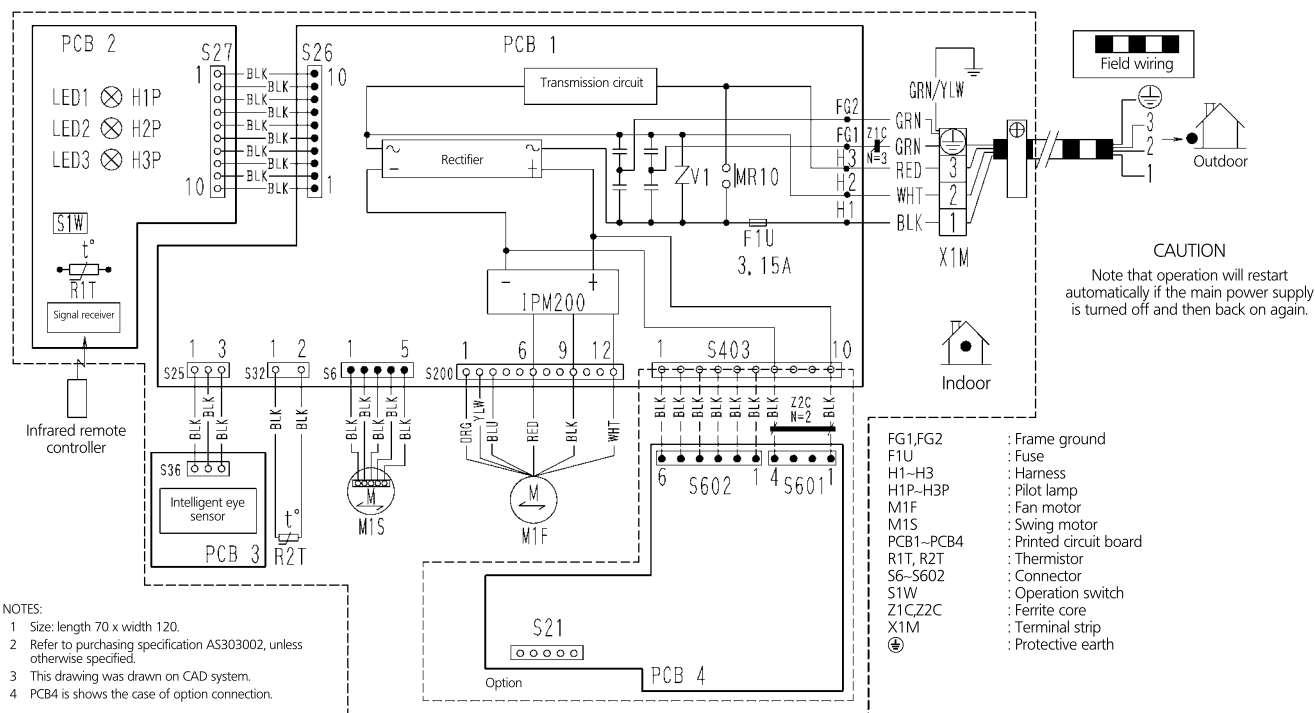




## 6 Wiring diagrams

### 6 - 1 Wiring Diagrams - Single Phase

#### FTXS20-25K

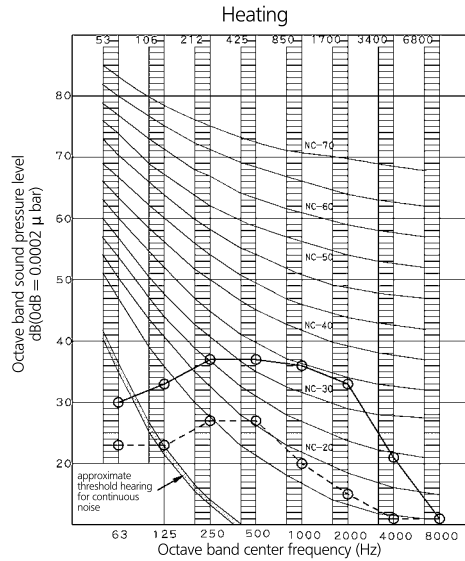
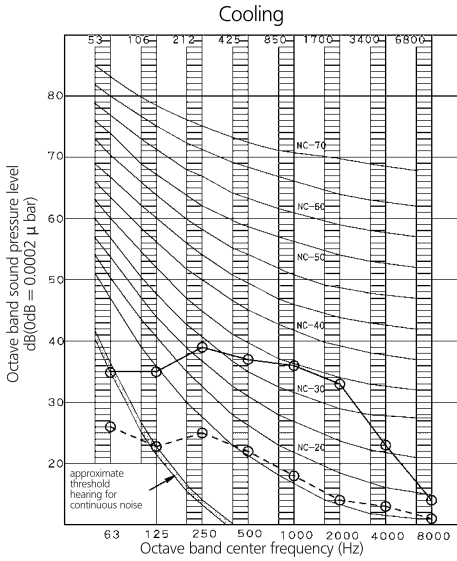


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## 7 Sound data

### 7 - 1 Sound Pressure Spectrum

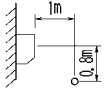
#### FTXS20K



#### NOTES

- Overall (dB)  
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure  
○—○ 50 Hz 230V (H)  
○---○ 50 Hz 230V (L)

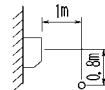
Scale	50Hz 230V (H)	50Hz 230V (L)
A	40	24



#### NOTES

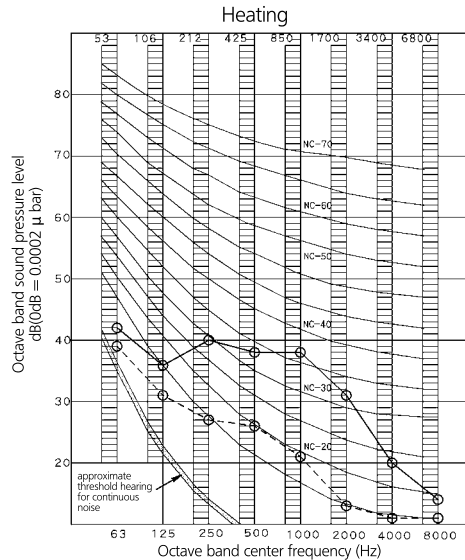
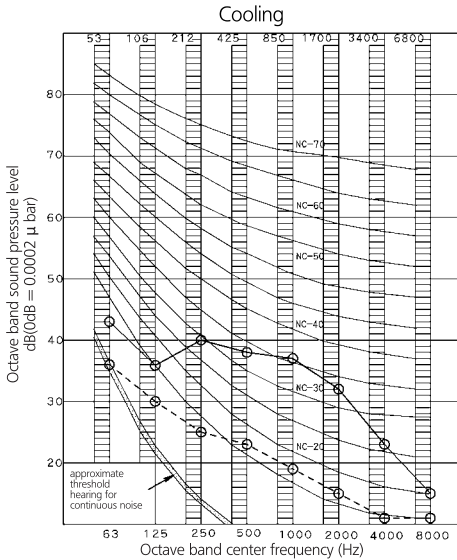
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○---○ 50 Hz 230V (L)

Scale	50Hz 230V (H)	50Hz 230V (L)
A	40	27



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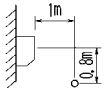
#### FTXS25K



#### NOTES

- Overall (dB)  
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure  
○—○ 50 Hz 230V (H)  
○---○ 50 Hz 230V (L)

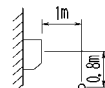
Scale	50Hz 230V (H)	50Hz 230V (L)
A	41	25



#### NOTES

- Overall (dB)  
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure  
○—○ 50 Hz 230V (H)  
○---○ 50 Hz 230V (L)

Scale	50Hz 230V (H)	50Hz 230V (L)
A	41	27



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