



# Air Conditioning

# Technical Data

Wall mounted unit



EEDEN13-100

FTXS-K



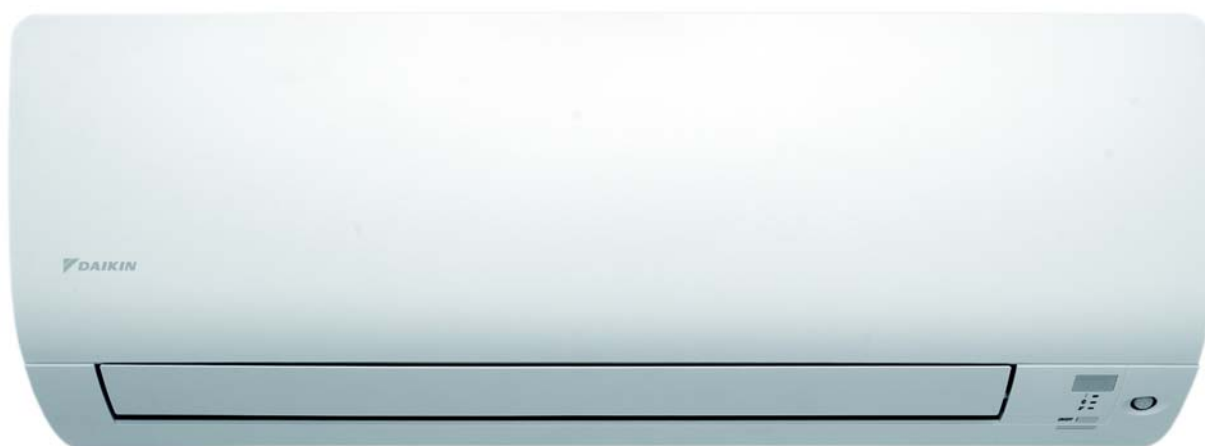
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# 1 Features

- Discreet, modern design. Its smooth curve blends beautifully with the wall resulting in an unobtrusive presence that matches all interior décors.
- High quality matt crystal white finish
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Ideal for installation in bedrooms (20,25 class) and larger or irregular shaped living areas (35,42,50 class)
- New remote control design, also in high quality matt white finish to give a perfect match with the indoor unit
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen (35,42,50 class only)
- 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		FTXS35K		FTXS42K		FTXS50K		
Casing	Colour				White										
Dimensions	Unit	Height/Width/Depth		mm	289/780/215				298/900/215						
	Packed unit	Height/Width/Depth		mm	346/850/274				290/977/371						
Weight	Unit				kg	8				11					
	Packed unit				kg	12				15					
Heat exchanger	Length				mm	610				665 / 660					
	Rows	Quantity				2				2 / 1					
	Fin pitch				mm	1.4				1.4 / 1.6					
	Stages	Quantity				14				18 / 8					
	Tube type					ø7 Hi-XA				Ø6,35 Hi-XB					
	Fin	Type				ML fin (Multi louver)				Multi slit fin					
Fan	Type				Cross flow fan										
	Air flow rate	Cooling	High	m³/min	8.8	9.1		11.2				11.9			
				cfm	311	321		395				420			
			Nom.	m³/min	8.8	9.1		11.2				11.9			
				cfm	311	321		395				420			
			Low	m³/min	4.7	5.0		5.8	7.0		7.4				
				cfm	166	177		205	247		261				
		Silent operation	m³/min	3.9				4.1				4.5			
			cfm	138				145				159			
		Heating	High	m³/min	9.5	10.0		12.1	12.4		13.3				
				cfm	335	353		427	438		470				
			Nom.	m³/min	7.8	8.0		9.3	10.0		10.8				
				cfm	275	282		328	353		381				
			Low	m³/min	6.0				6.5	7.8		8.4			
				cfm	212				230	275		297			
			Silent operation	m³/min	4.3				4.2	5.2		5.5			
				cfm	152				148	184		194			
Fan motor	Model				MM6C02J2VA				KFD-280-23-8C						
	Speed	Steps			5 + silent, + auto										
		Cooling	High/Medium/Low/Silent operation	rpm	1,330/1,050/780/670		1,370/1,090/820/670		1,330/1,050/780/600		1,330/1,110/900/600		1,400/1,170/940/650		
		Heating	High/Medium/Low/Silent operation	rpm	1,360/1,140/920/690		1,410/1,160/920/690		1,420/1,130/850/610		1,450/1,210/980/720		1,540/1,290/1,040/750		
	Output	High		W	16				-						
Sound power level	Cooling	Nom.		dBA	58				59				60		
	Heating	Nom.		dBA	58				59				60		
Sound pressure level	Cooling	High/Nom./Low/Silent operation			dBA	40/32/24/19		41/33/25/19		45/37/29/19		45/39/33/21		46/40/34/23	
	Heating	Super high/High/Nom./Low/Silent operation			dBA	-40/34/27/19		-41/34/27/19		-45/39/29/19		-45/39/33/22		-47/40/34/24	
Piping connections	Liquid	OD			6.35										
	Gas	OD			9.5								12.7		
	Drain				18										
	Heat insulation				Both liquid and gas pipes										
Temperature control					Microcomputer control										
Air direction control					Right, Left, Horizontal, Downward										
Air filter	Type				Removable / washable / mildew proof										

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 : Batteries; Quantity : 2;

Standard Accessories : Wireless remote control; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

## 2 Specifications

2-2 Electrical Specifications				FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K
Power supply	Name			-		V1		
	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)		0.12 (2) / 0.12 (3) / 0.11 (4)	0.11 (2) / 0.11 (3) / 0.11 (4)	0.12 (2) / 0.12 (3) / 0.11 (4)
		Heating	A	0.19 (1) / 0.18 (2) / 0.17 (3)		0.13 (2) / 0.13 (3) / 0.12 (4)	0.14 (2) / 0.14 (3) / 0.13 (4)	0.15 (2) / 0.14 (3) / 0.14 (4)
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

(4) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.



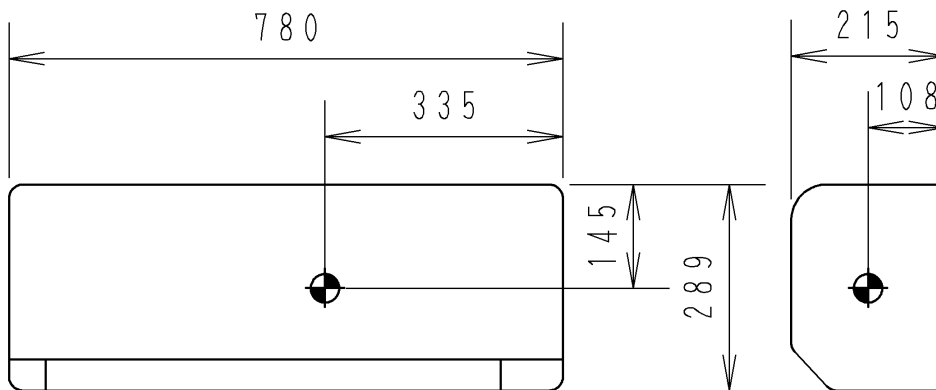




## 4 Centre of gravity

### 4 - 1 Centre of Gravity

FTXS20-25K

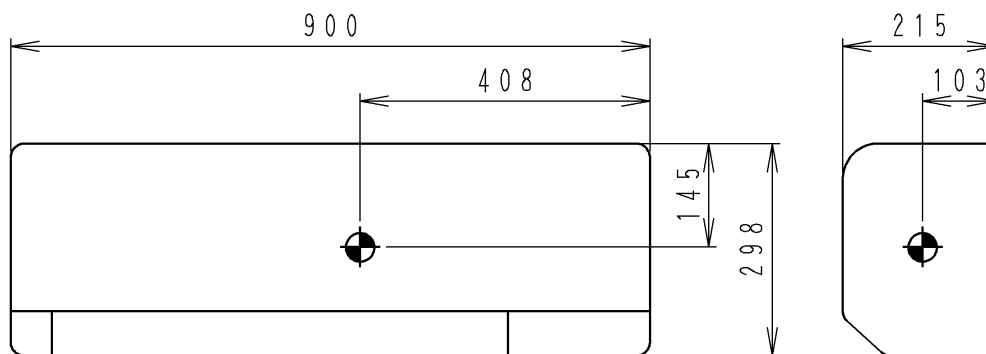


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## 4 Centre of gravity

### 4 - 1 Centre of Gravity

FTXS35-50K

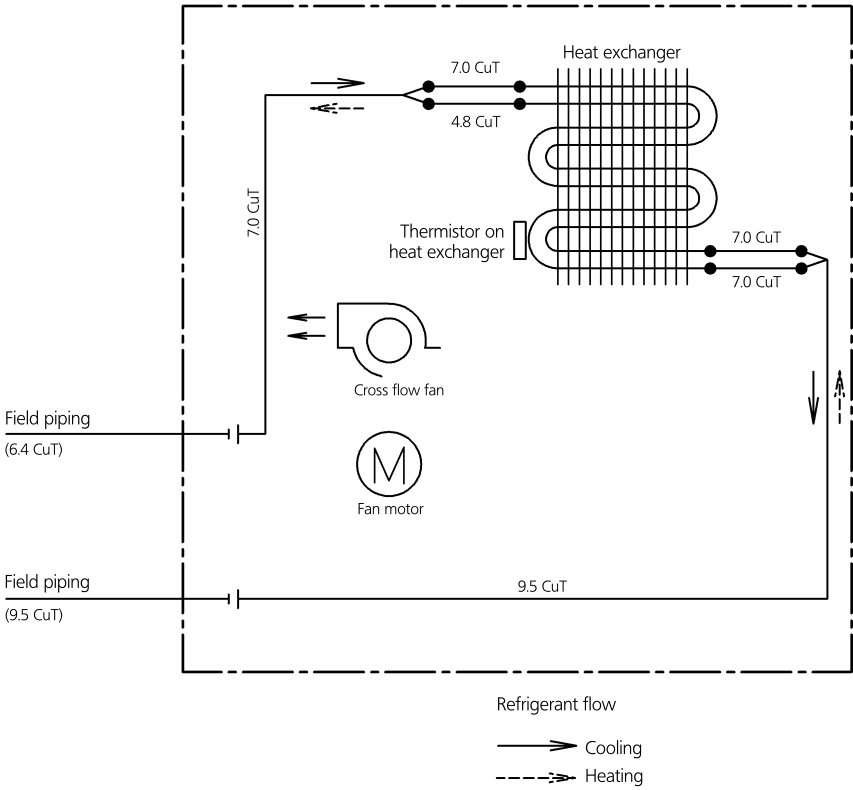


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# 5 Piping diagrams

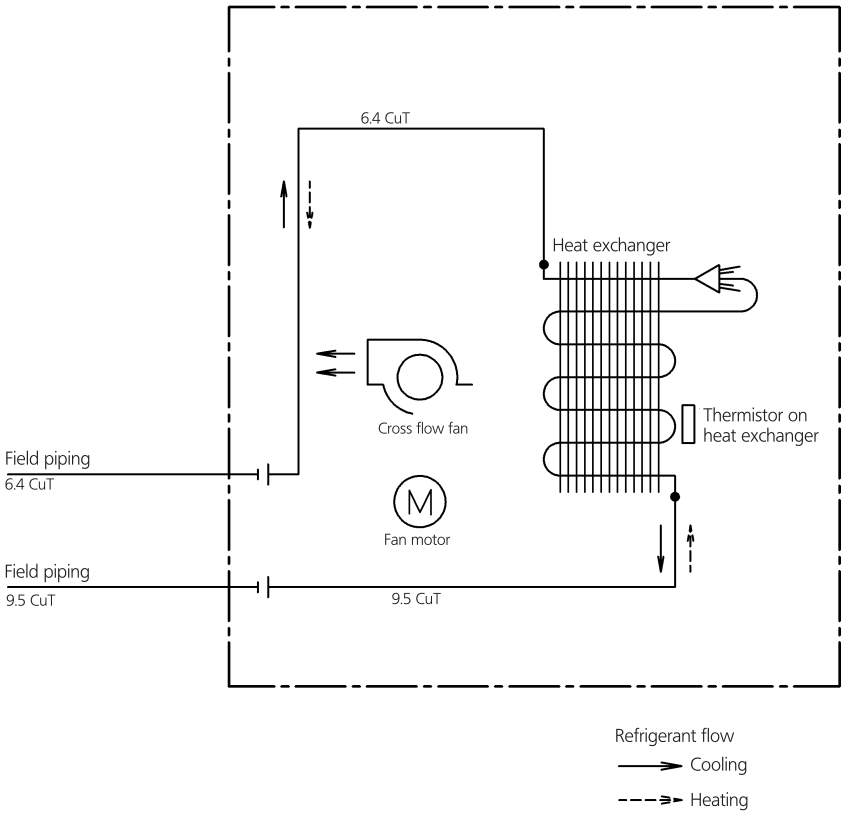
## 5 - 1 Piping Diagrams

FTXS20-25K



4D058926K

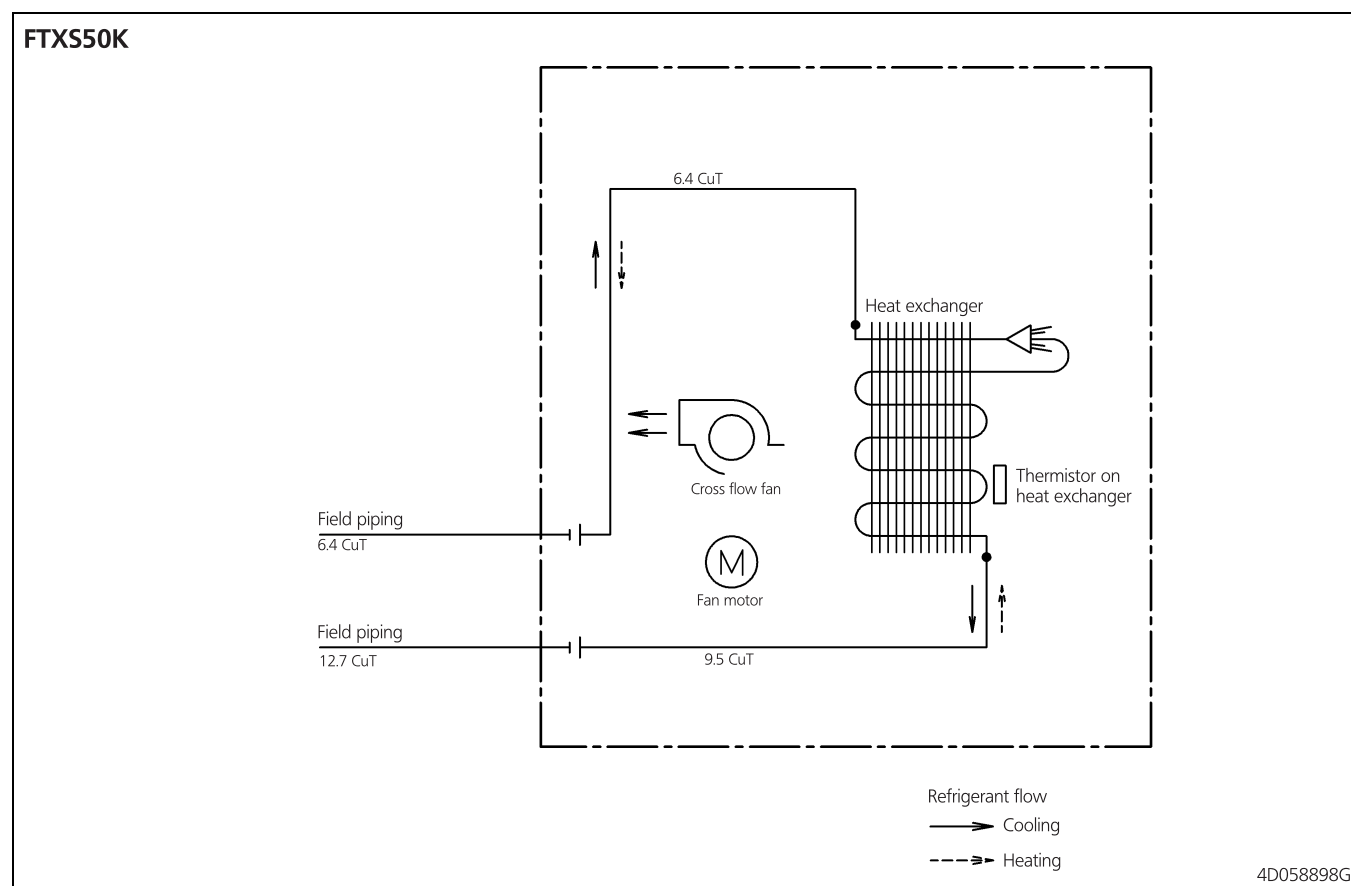
FTXS35-42K



4D058897K

## 5 Piping diagrams

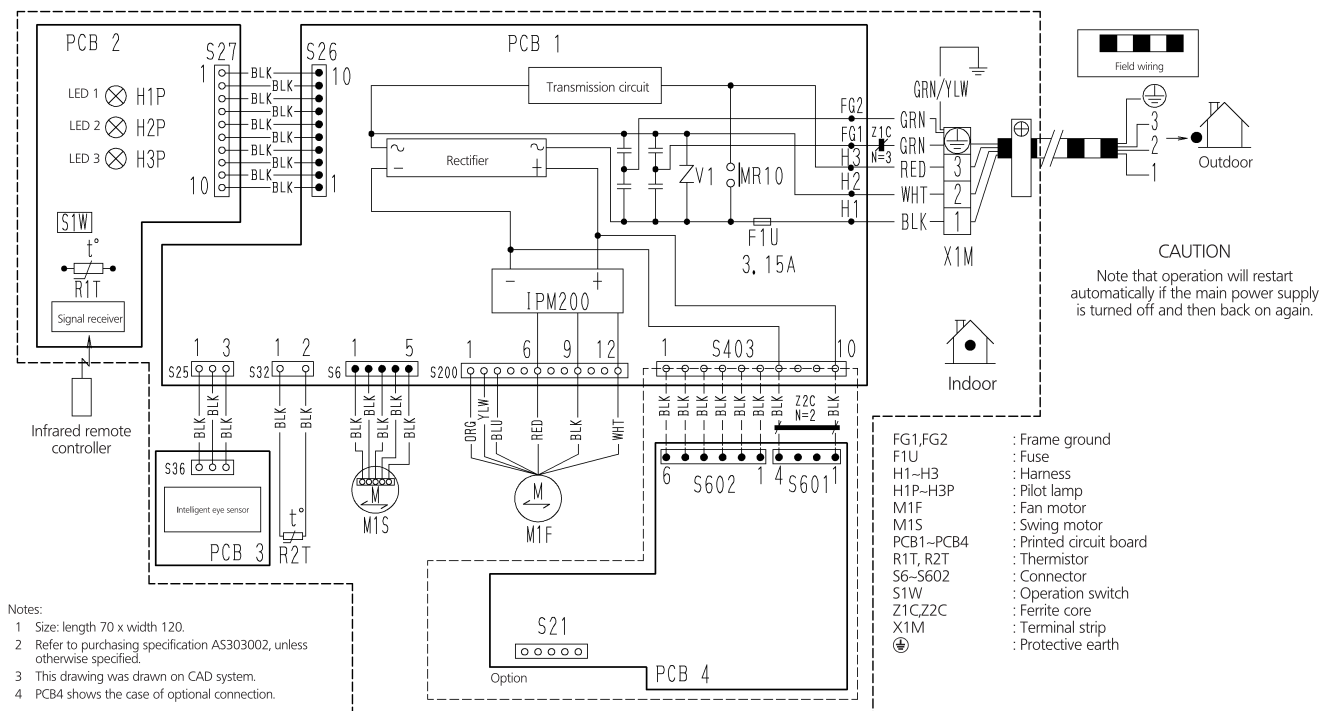
### 5 - 1 Piping Diagrams



## 6 Wiring diagrams

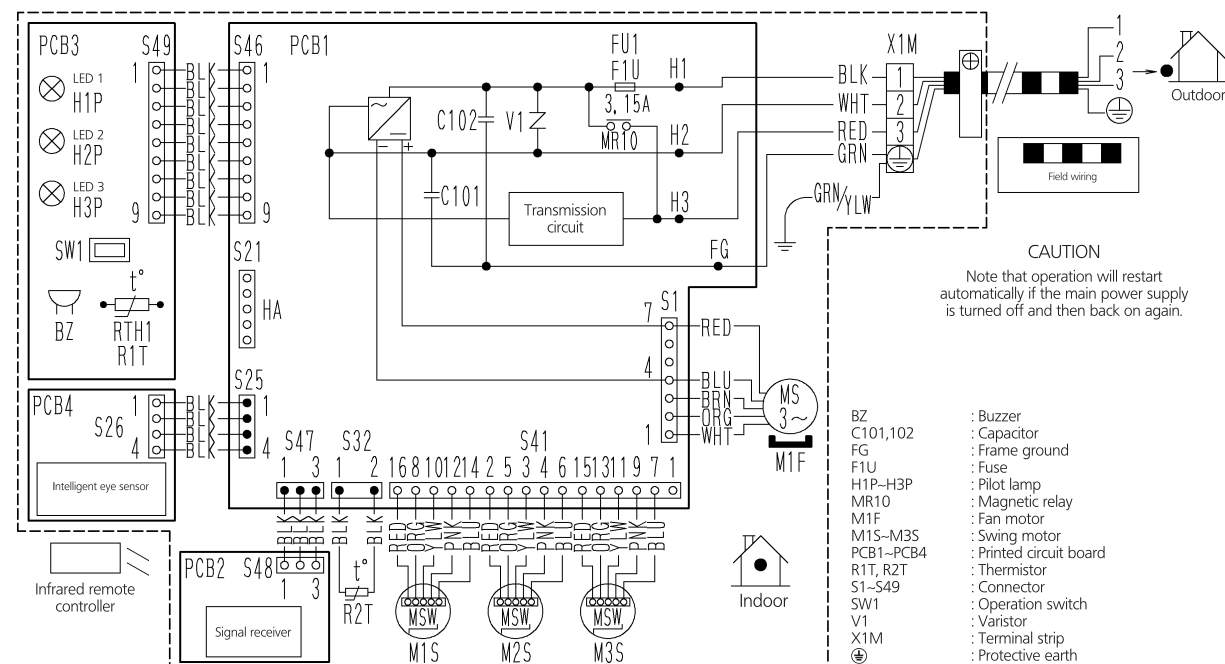
### 6 - 1 Wiring Diagrams - Single Phase

#### FTXS20-25K



3D073474C

#### FTXS35-50K



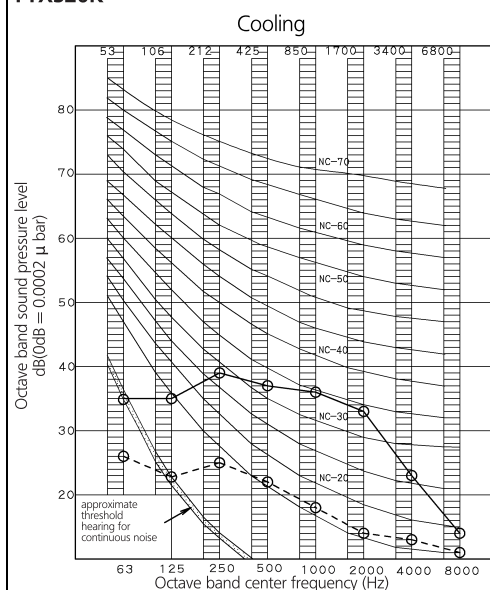
3D058246G

## 7 Sound data

### 7 - 1 Sound Pressure Spectrum - Cooling

7

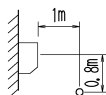
FTXS20K



#### NOTES

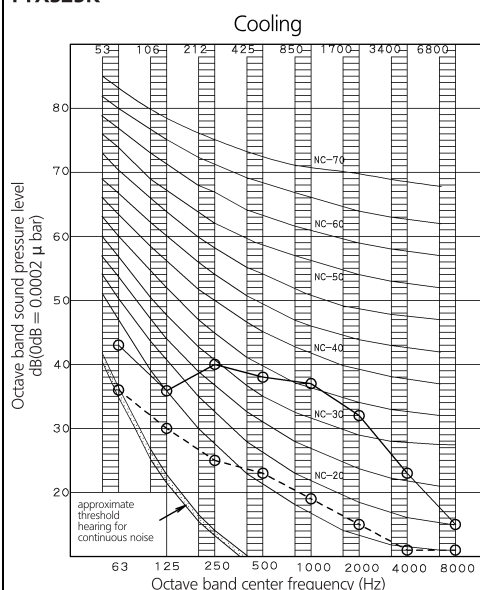
- Overall (dB)  
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612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

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



3D074664

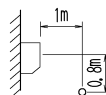
FTXS25K



#### 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)

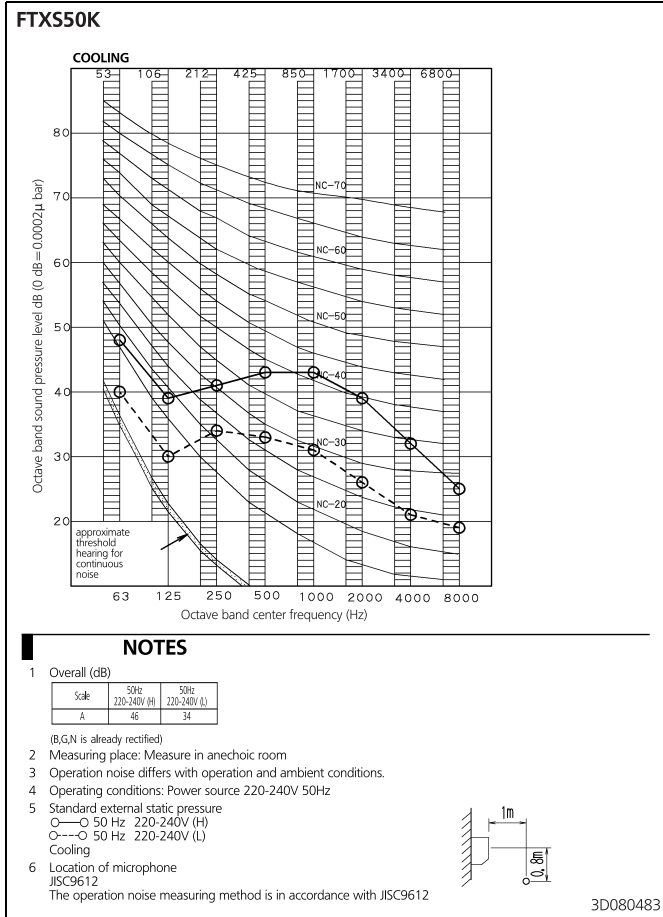
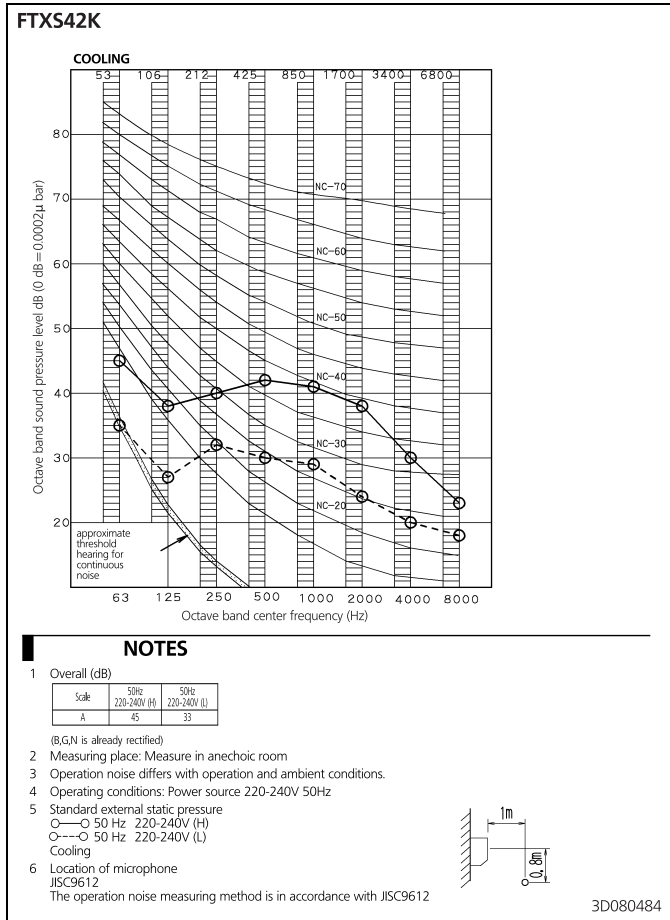
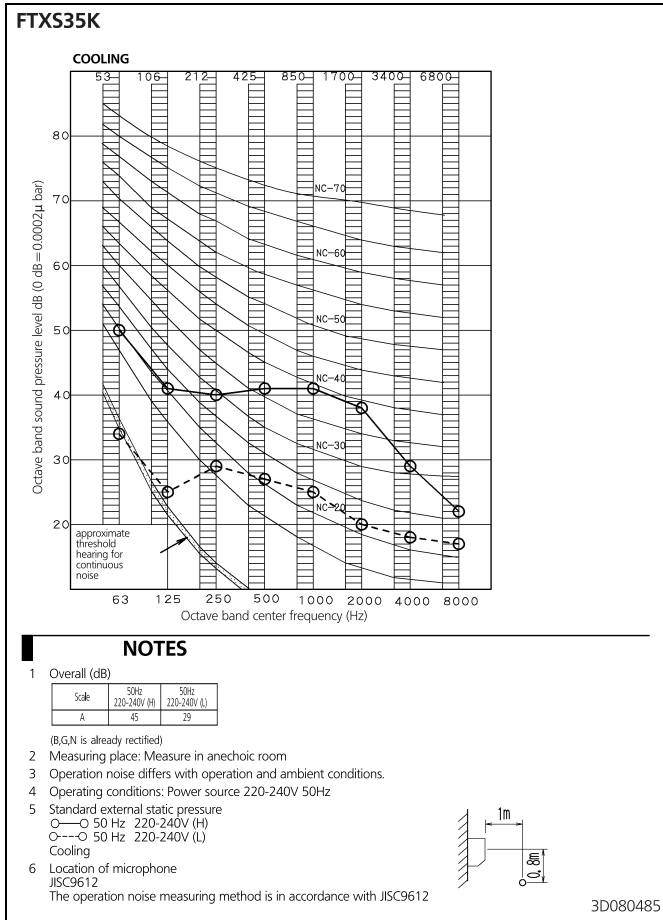
Scale	50Hz 230V (H)	50Hz 230V (L)
A	41	25



3D074658

# 7 Sound data

## 7 - 1 Sound Pressure Spectrum - Cooling

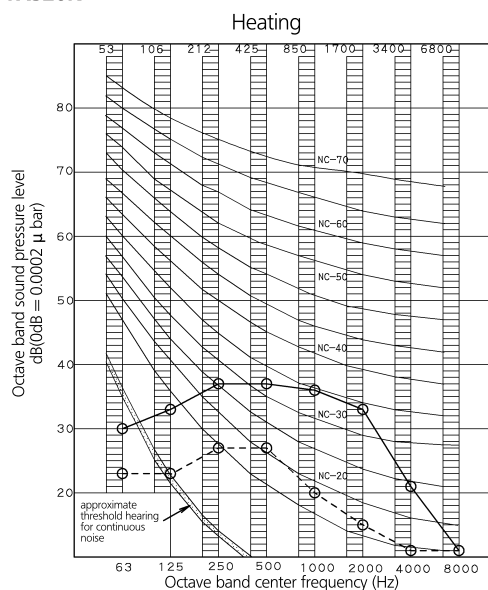


## 7 Sound data

### 7 - 2 Sound Pressure Spectrum - Heating

7

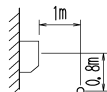
FTXS20K



#### NOTES

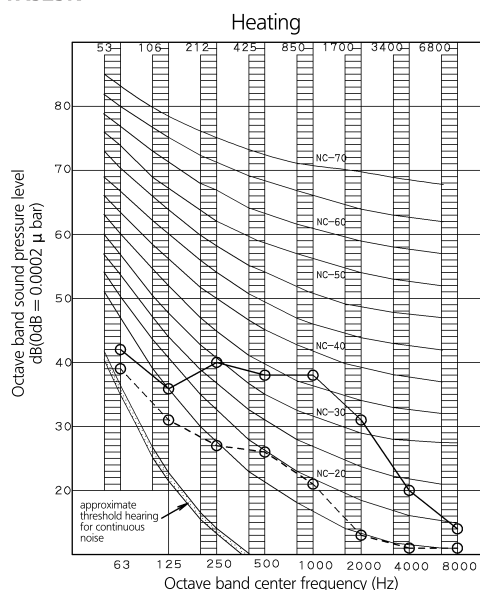
- Overall (dB)  
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612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

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



3D074664

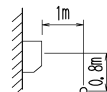
FTXS25K



#### 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	27



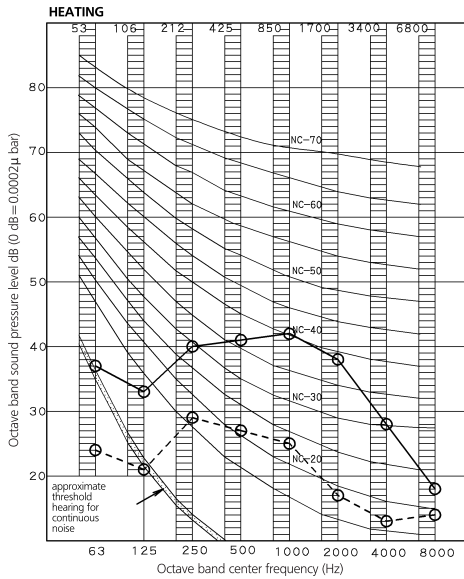
3D074658



# 7 Sound data

## 7 - 2 Sound Pressure Spectrum - Heating

### FTXS35K



#### NOTES

- Overall (dB)

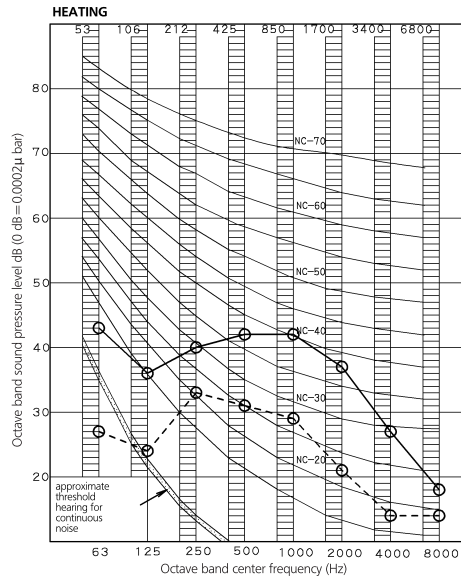
Scale	50Hz 220-240V (H)	50Hz 220-240V (L)
A	45	39

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
- Standard external static pressure
  - 50 Hz 220-240V (H)
  - 50 Hz 220-240V (L)
- Heating
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612



3D080485

### FTXS42K



#### NOTES

- Overall (dB)

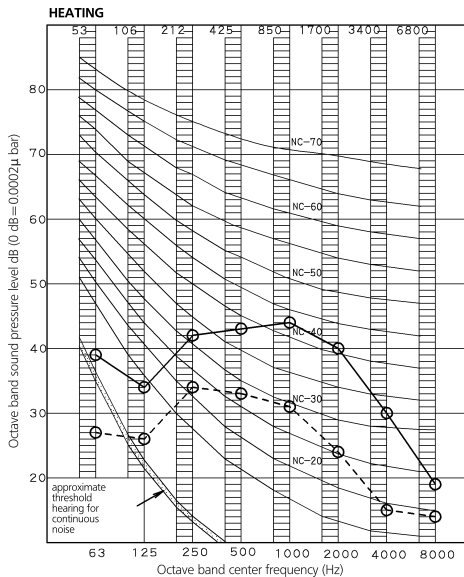
Scale	50Hz 220-240V (H)	50Hz 220-240V (L)
A	45	33

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
- Standard external static pressure
  - 50 Hz 220-240V (H)
  - 50 Hz 220-240V (L)
- Heating
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612



3D080484

### FTXS50K



#### NOTES

- Overall (dB)

Scale	50Hz 220-240V (H)	50Hz 220-240V (L)
A	47	34

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
- Standard external static pressure
  - 50 Hz 220-240V (H)
  - 50 Hz 220-240V (L)
- Heating
- Location of microphone  
JISC9612  
The operation noise measuring method is in accordance with JISC9612



3D080483





Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



These products are not within the scope of the Eurovent certification program

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