



Air Conditioning

Technical Data

Wall mounted unit



EEDEN15-100

FTX-J3

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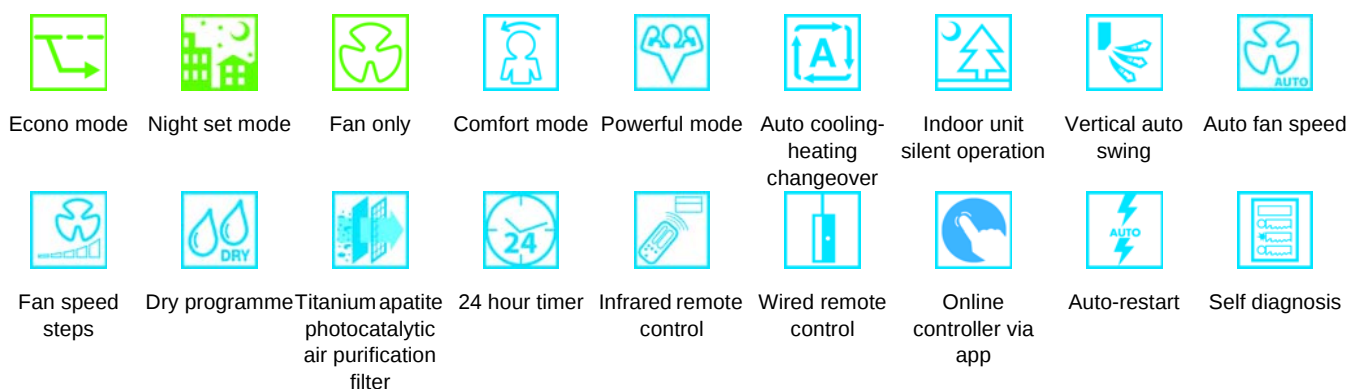
FTX-J3

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1 Features

Wall mounted unit providing high efficiency and comfort

- 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
- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Night set mode saves energy by preventing overcooling or overheating during night time
- Up to 2 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time



2 Specifications

2-1 Technical Specifications					FTX20J3		FTX25J3		FTX35J3			
Power input - 50Hz	Cooling		Nom.		kW		0.030					
	Heating		Nom.		kW		0.040					
Casing	Colour					White						
Dimensions	Unit		Height/Width/Depth		mm		283/770/198					
	Packed unit		Height/Width/Depth		mm		266/846/345					
Weight	Unit				kg		7					
	Packed unit				kg		11					
Packing	Weight				kg		4					
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)						
Air filter	Type					Removable / washable / mildew proof						
Fan	Type					Cross flow fan						
	Air flow rate	Cooling	High	m³/min	9.1	9.2		9.3				
				cfm	321	325		328				
			Nom.	m³/min	7.4	7.6		7.7				
				cfm	261	268		272				
			Low	m³/min	5.9	6.0		6.1				
				cfm	208	212		215				
		Silent operation	m³/min	4.7	4.8		4.9					
			cfm	166	169		173					
		Heating	High	m³/min	9.4	9.7		10.1				
				cfm	331	342		356				
			Nom.	m³/min	7.8	8.0		8.4				
				cfm	276	283		295				
			Low	m³/min	6.3		6.7					
				cfm	222		235					
			Silent operation	m³/min	5.5		5.7					
				cfm	194		201					
Fan motor	Model					MM6C02J2VA						
	Speed	Steps				5 + silent, + auto						
		Cooling	High/Medium/Low/Silent operation	rpm	1,210/990/780/630		1,250/1,030/820/630		1,300/1,070/850/680			
					1,260/1,090/920/820		1,300/1,110/920/820		1,340/1,150/960/850			
	Output	Rated		W		16						
Sound power level	Cooling				dBA		55		58			
	Heating				dBA		55		58			
Sound pressure level	Cooling		High/Nom./Low/Silent operation		dBA		39/33/25/22		40/33/26/22		41/34/27/23	
	Heating		High/Nom./Low/Silent operation		dBA		39/34/28/25		40/34/28/25		41/35/29/26	
Control systems	Infrared remote control					ARC433A87						
Refrigerant	Type					R-410A						

2 Specifications

2-1 Technical Specifications			FTX20J3	FTX25J3	FTX35J3
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 : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Infrared remote control; Quantity : 1;

Standard Accessories : AA dry-cell batteries; Quantity : 2;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Mounting plate; Quantity : 1;

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

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

2-2 Electrical Specifications				FTX20J3	FTX25J3	FTX35J3
Power supply	Name			V1		
	Phase			1~		
	Frequency	Hz		50		
	Voltage	V		220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.14		
		Heating	A	0.18		

Notes

SL: The silent fan level of the air flow rate setting

3 Options

3 - 1 Options

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Indoor Units - Control systems

		FTX-J3
Wired remote control		BRC944 (1) (2) BRC073 (1) (2)
Cord for wired remote control	3m	BRCW901A03
	8m	BRCW901A08
Anti-theft protection for remote control		KKF917AA4
Interface adapter for wired remote control		KRP980A1
Interface adapter for DIII-net		KRP928A2S (2)
Online controller		BRP069A43
Modbus gateway		RTD-RA (2)
KNX gateway		KLIC-DD (2)

(1) Cord for wired remote control BRCW901A03 or BRCW901A08 required.
(2) Interface adapter KRP980A1, KRP067A41 or KRP980B2 required.

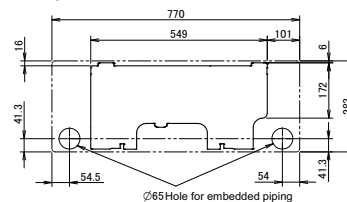
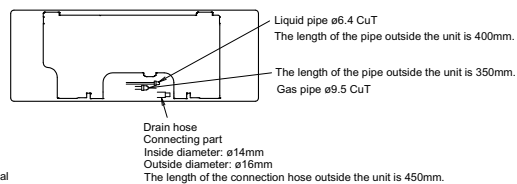
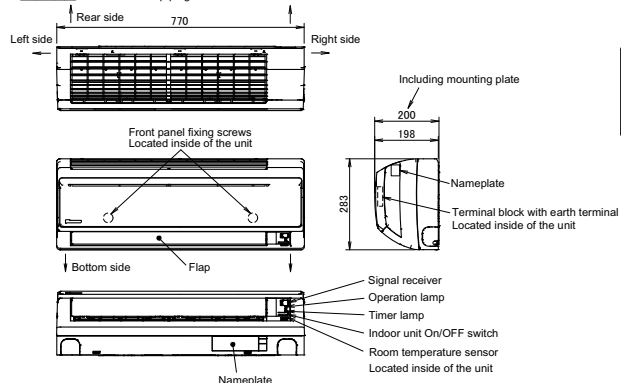
4 Dimensional drawings

4 - 1 Dimensional Drawings

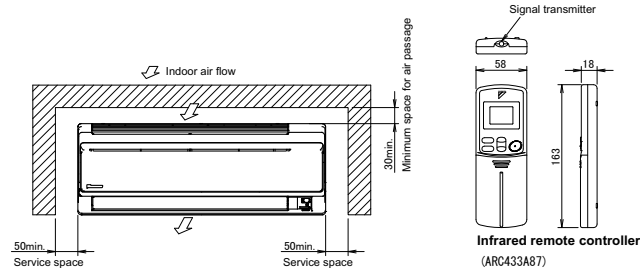
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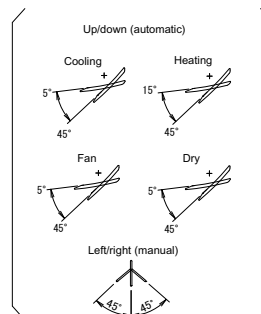
The → mark shows the piping direction.



Standard location of holes in the wall



Required space for service and ventilation



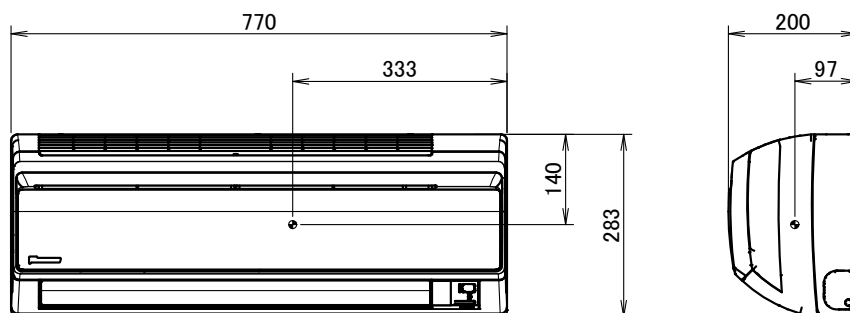
Blade angle

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5 Centre of gravity

5 - 1 Centre of Gravity

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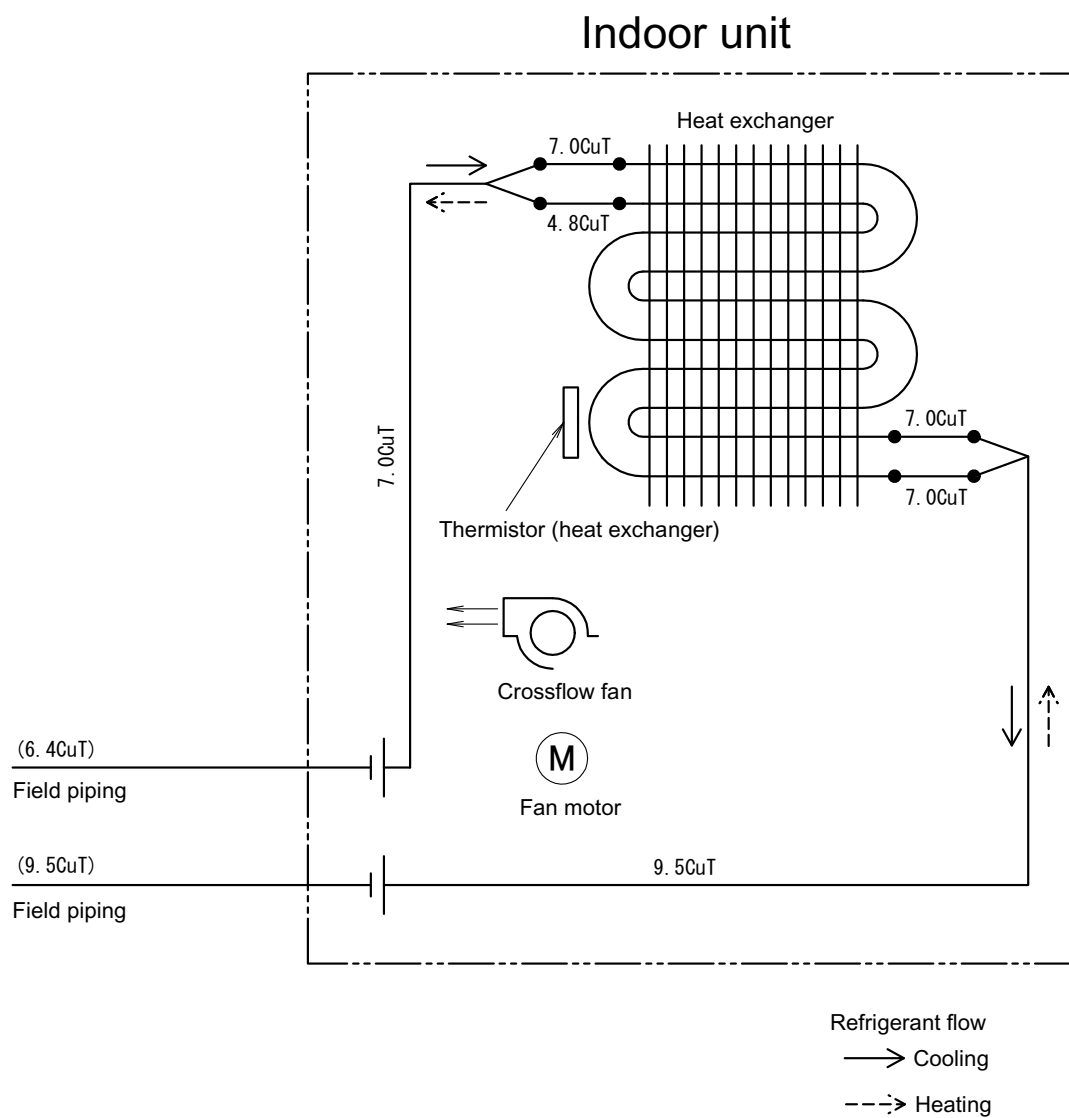
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6 Piping diagrams

6 - 1 Piping Diagrams

FTX-J3

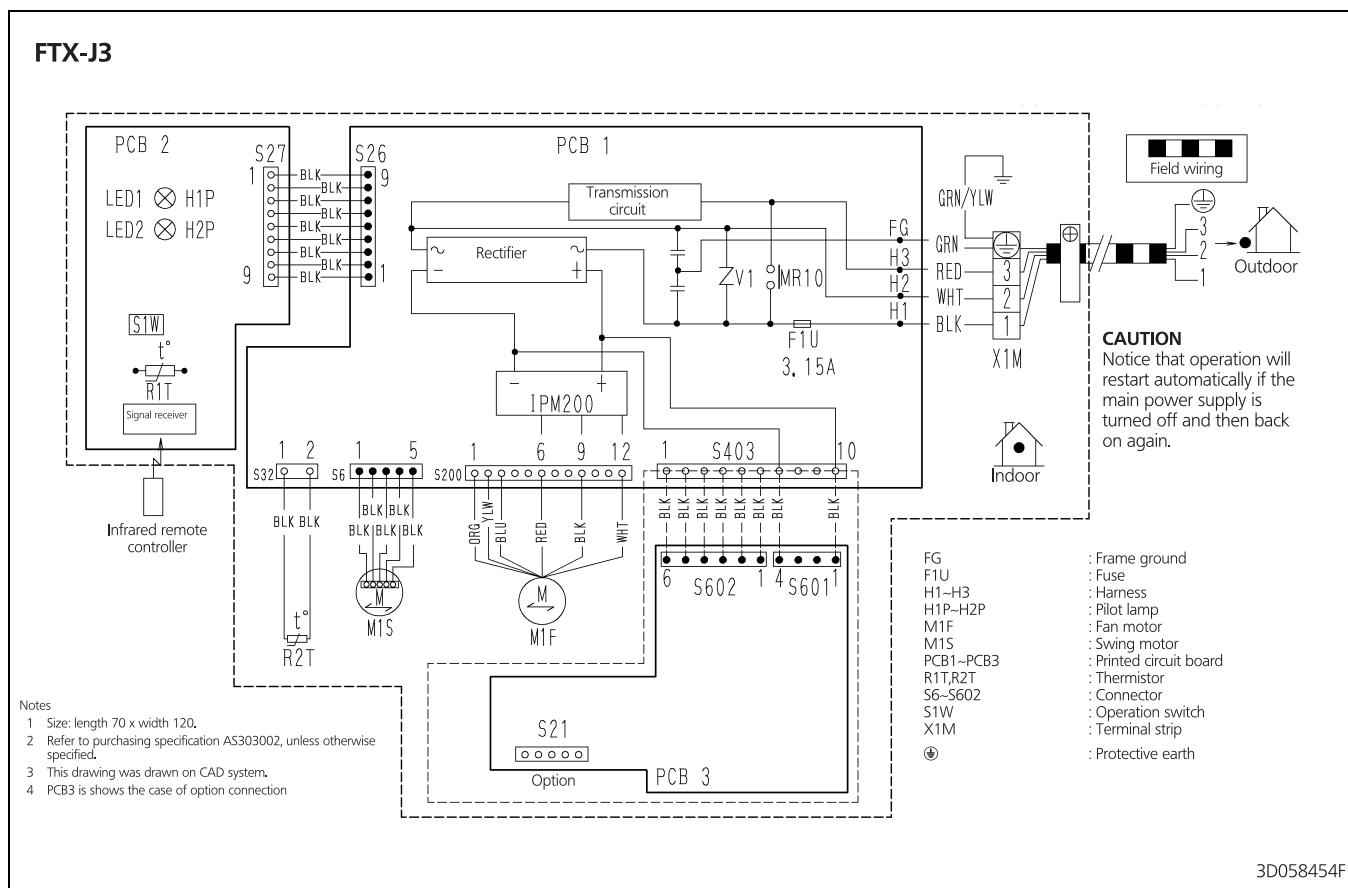
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7 Wiring diagrams

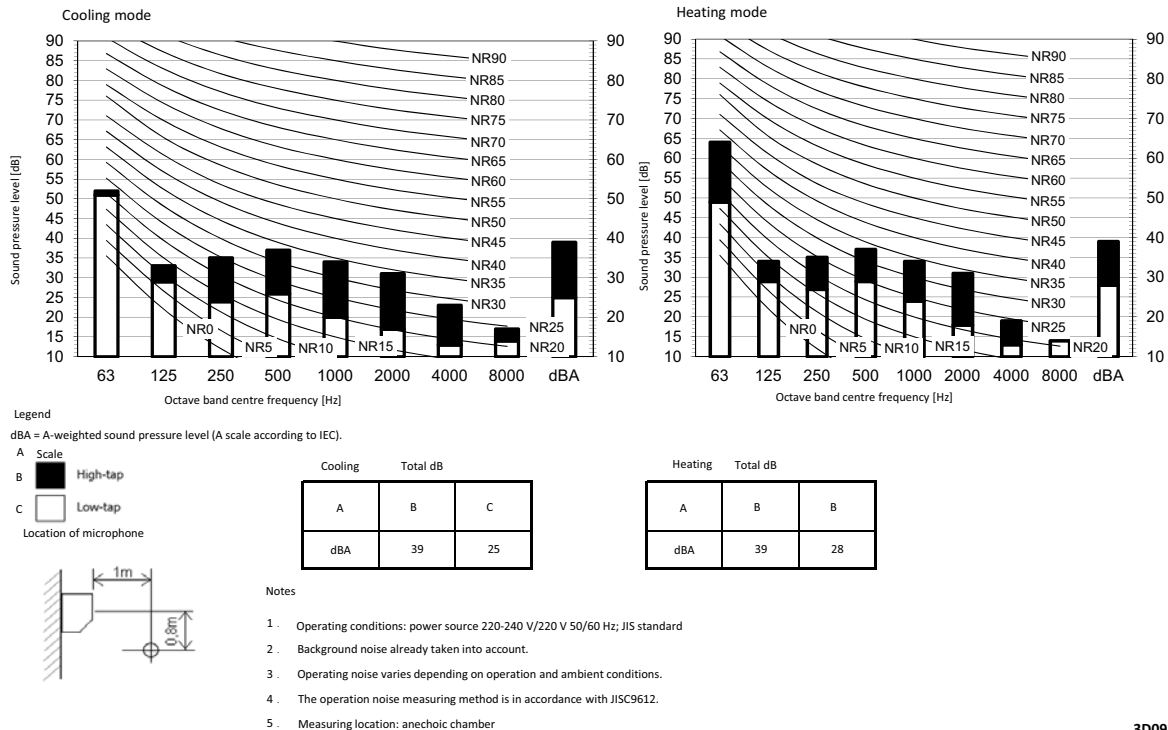
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

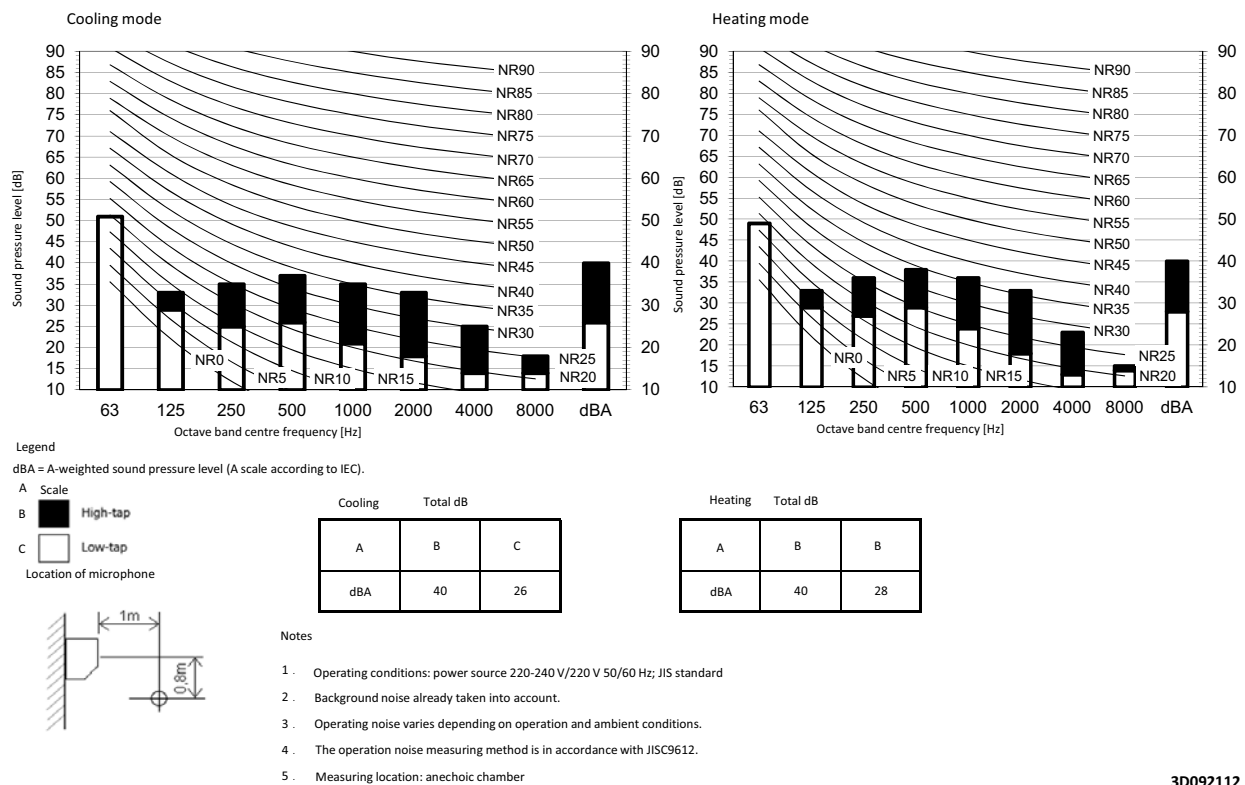
8 - 1 Sound Pressure Spectrum

FTX20J3



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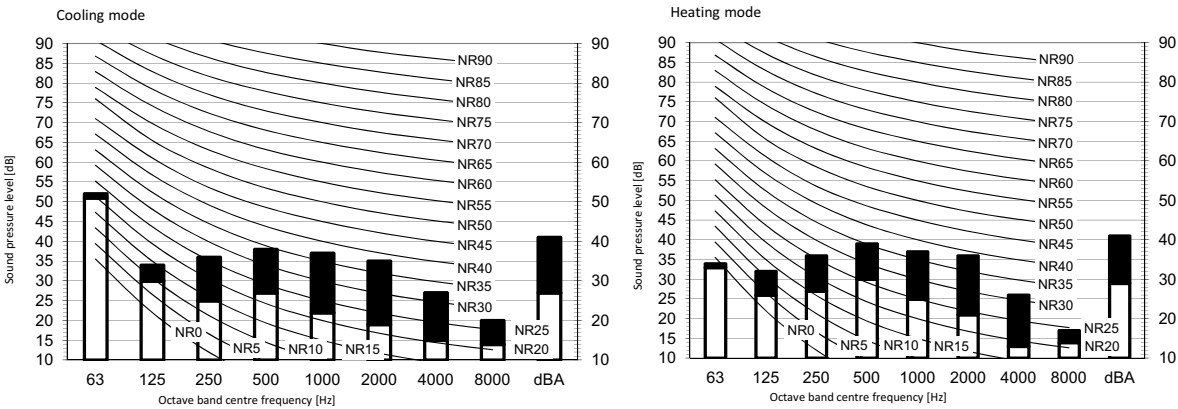
FTX25J3



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8 Sound data
8 - 1 Sound Pressure Spectrum

FTX35J3



Legend

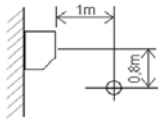
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

C Low-tap

Location of microphone



Cooling		
Total dB		
A	B	C
dBA	41	27

Heating		
Total dB		
A	B	B
dBA	41	29

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D092113



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