



Air Conditioning Technical Data

Wall mounted unit



EEDEN15-100

FTXZ-N

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FTXZ-N

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1 Features

Complete climate control with (de)humidification, air purification & ventilation with top efficiencies in heating & cooling

- No need to clean filters, thanks to the self cleaning filter
- Unique combination of humidification, dehumidification, ventilation, air purification and heating & cooling in 1 system
- 3 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions: left, front and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting
- Reddot design award winner 2013
- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- First R-32 air-to-air heat pump in the European market

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Econo mode	3 area intelligent eye	Energy saving during standby mode	Comfort mode	Powerful mode	Auto cooling-heating changeover	Whisper quiet	Indoor unit silent operation	Outdoor unit silent operation
								
Comfortable sleeping mode	3-D air flow	Vertical auto swing	Horizontal auto swing	Auto fan speed	Fan speed steps	Ururu - humidification	Sarara - dehumidification	Flash Streamer
								
Titanium apatite photocatalytic air purification filter	24 hour timer	Infrared remote control	Online controller via app	Auto-restart	Self diagnosis			

2 Specifications

2-1 Technical Specifications				FTXZ25N	FTXZ35N	FTXZ50N	
Power input	Cooling	Nom.	kW	0.030			
	Heating	Nom.	kW	0.030			
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth	mm	295/798/372			
	Packed unit	Height/Width/Depth	mm	434/865/361			
Weight	Unit		kg	15			
	Packed unit		kg	19			
Heat exchanger	Rows	Quantity		4 (1) / 2 (2)			
	Fin pitch		mm	4 (1) / 6.35 (2)			
	Stages	Quantity		14 (1) / 12 (1) / 10 (2) / 8 (2)			
	Tube type			Hi-XA (ø4) (front) / Hi-XB (ø6.35) (back) tube			
	Fin	Type		Multi slit fin			
Air filter	Type			Auto cleaning filter			
Fan	Type			Cross flow fan			
	Air flow rate	Cooling	High	m³/min	10.7	12.1	15.0
				cfm	379	428	545
			Nom.	m³/min	7.5	8.4	9.2
				cfm	265	295	326
			Low	m³/min	5.3	5.6	6.6
				cfm	188	197	232
		Silent operation	m³/min	4.0		4.6	
			cfm	141		164	
		Heating	High	m³/min	11.7	13.3	14.4
				cfm	415	469	517
			Nom.	m³/min	8.6	9.2	10.7
				cfm	303	324	378
	Low		m³/min	6.7	6.9	7.7	
			cfm	236	245	274	
Silent operation	m³/min	4.8		5.9			
	cfm	168		210			
Fan motor	Model			MM12E06P12V			
	Speed	Steps		5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,020/830/660/540	1,110/890/680/540	1,310/950/760/600
				rpm	1,080/900/760/600	1,190/940/780/600	1,270/1,040/840/700
		Heating	High/Medium/Low/Silent operation	rpm	1,080/900/760/600	1,190/940/780/600	1,270/1,040/840/700
Output	Rated	W	30				
Sound power level	Cooling		dBA	54	57	60	
	Heating		dBA	56	57	59	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/33/26/19	42/35/27/19	47/38/30/23	
	Heating	High/Nom./Low/Silent operation	dBA	39/35/28/19	42/36/29/19	44/38/31/24	
Control systems	Infrared remote control			ARC477A1			
Piping connections	Liquid	OD		6.35			
	Gas	OD		9.5			
	Heat insulation			Both liquid and gas pipes			
Temperature control				Microcomputer control			
Air direction control				Right, Left, Horizontal, Downward			

2 Specifications

Standard Accessories : Dry batteries; Quantity : 2;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Wireless remote control; Quantity : 1;

Standard Accessories : Indoor unit fixing screws; Quantity : 3;

Standard Accessories : Photocatalytic air purifying and deodorising filter; Quantity : 1;

Standard Accessories : Mounting plate; Quantity : 1;

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2-2 Electrical Specifications				FTXZ25N	FTXZ35N	FTXZ50N
Power supply	Name			V1		
	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.14 (3) / 0.14 (4) / 0.13 (5)		
		Heating	A	0.14 (3) / 0.14 (4) / 0.13 (5)		
Wiring connections - 50Hz	For power supply	Remark		3 for power supply, 4 for interunit wiring (Earth wire included)		

Notes

(1) Front of heat exchanger

(2) Back of heat exchanger

(3) 220V

(4) 230V

(5) 240V

3 Options

3 - 1 Options

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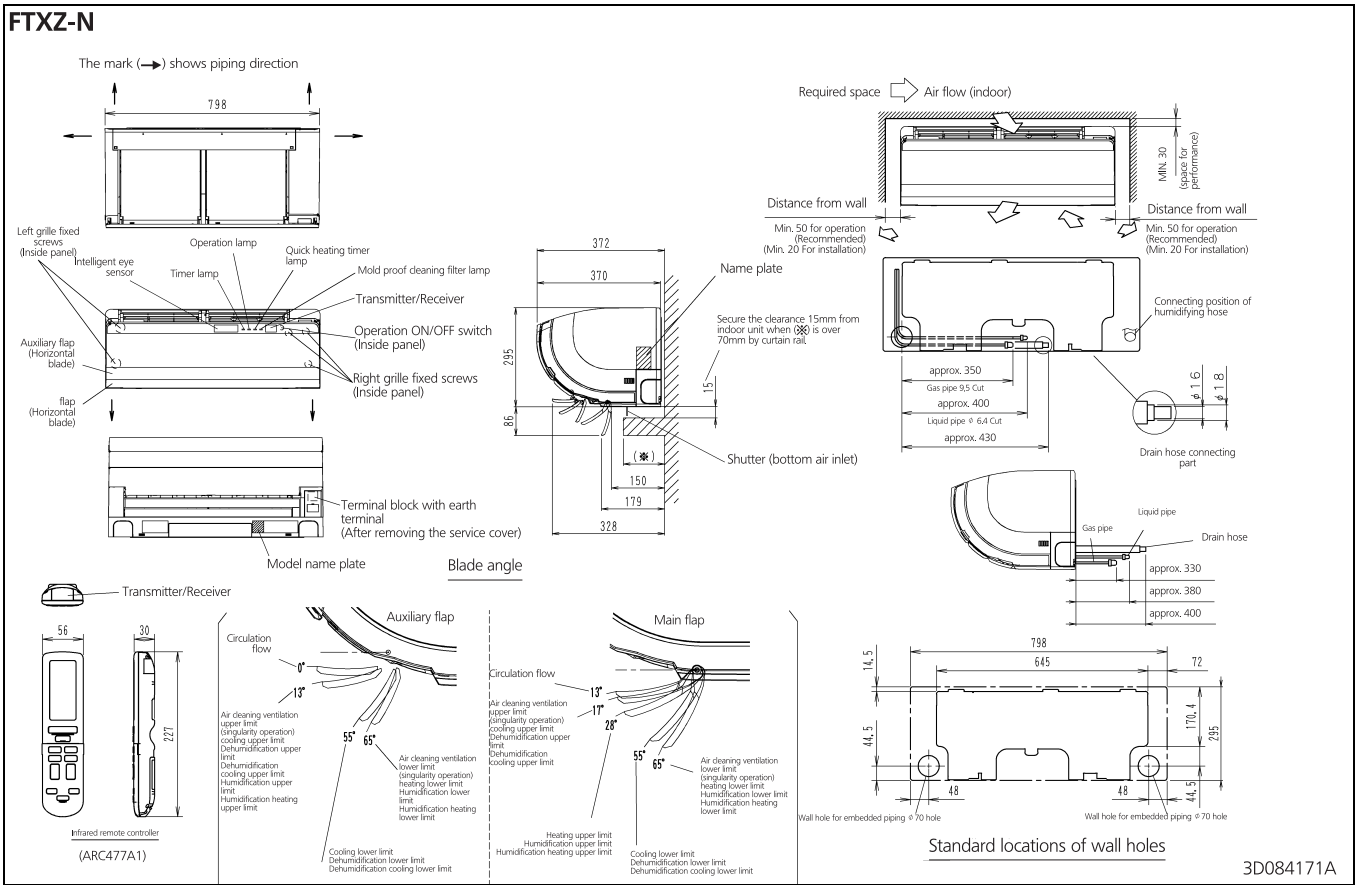
Indoor Units - Control systems

		FXZ25N	FXZ35N	FXZ50N
Wired remote control			BRC073 (3)	
Cord for wired remote control	3m		BRCW901A03	
	8m		BRCW901A08	
Wiring adapter normal open contact / normal open pulse contact			KRP413A15 (1)	
Centralised control board	Up to 5 rooms		KRC72 (2)	
Interface adapter for DIII-net			KRP928A25	
Online controller			BRP069A42	
Modbus gateway			RTD-RA	
KNX gateway			KUC-DD	

(1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
 (2) Wiring adapter is also required for each indoor unit.
 (3) Cord for wired remote control BRCW901A03 or BRCW901A08 required.

4 Dimensional drawings

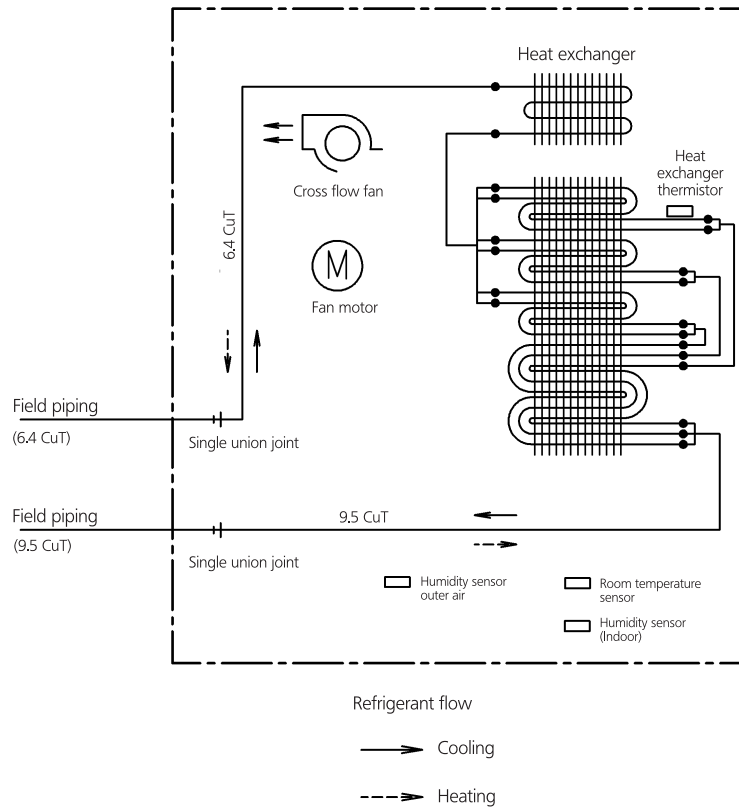
4 - 1 Dimensional Drawings



5 Piping diagrams

5 - 1 Piping Diagrams

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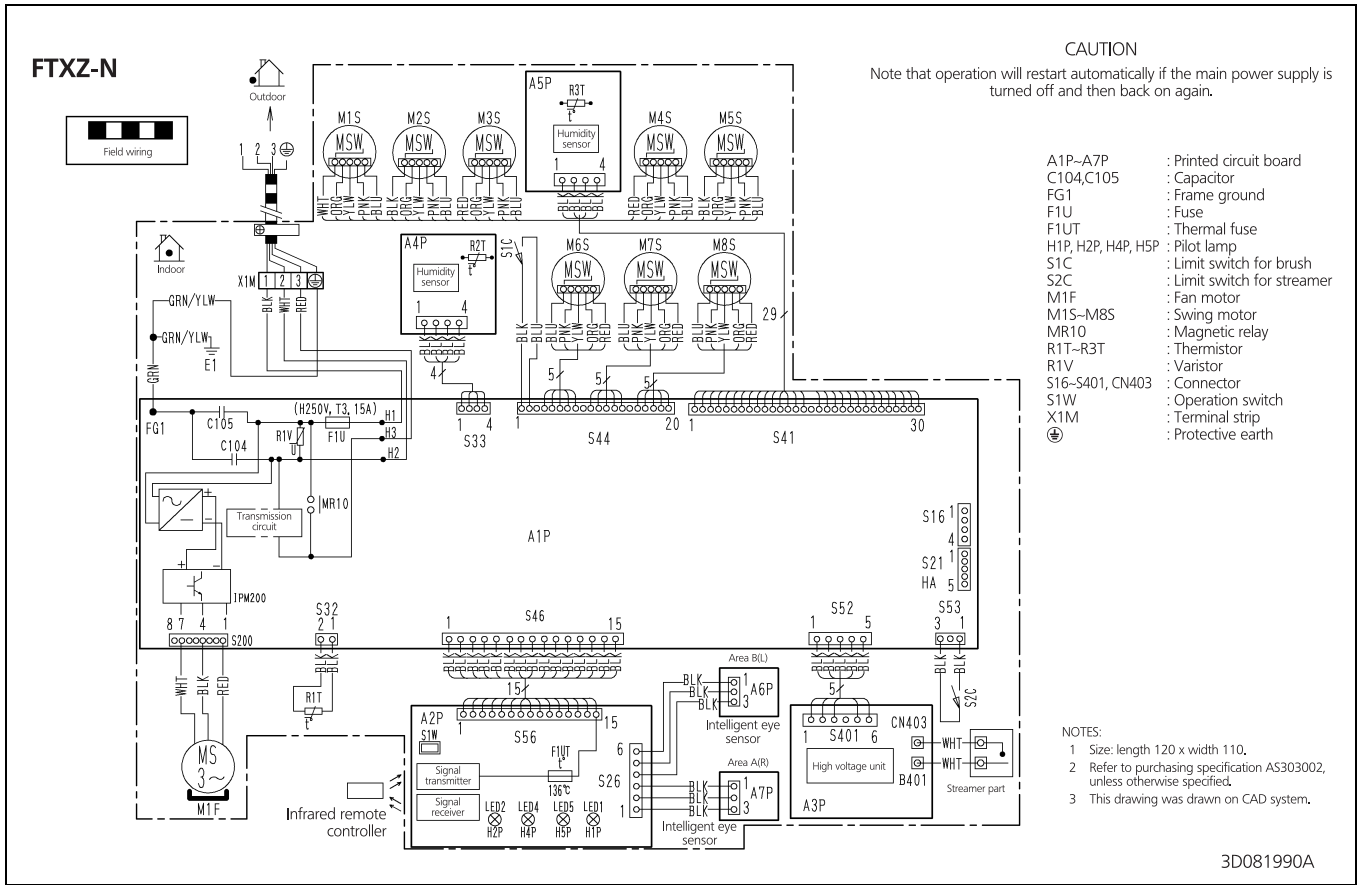


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6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

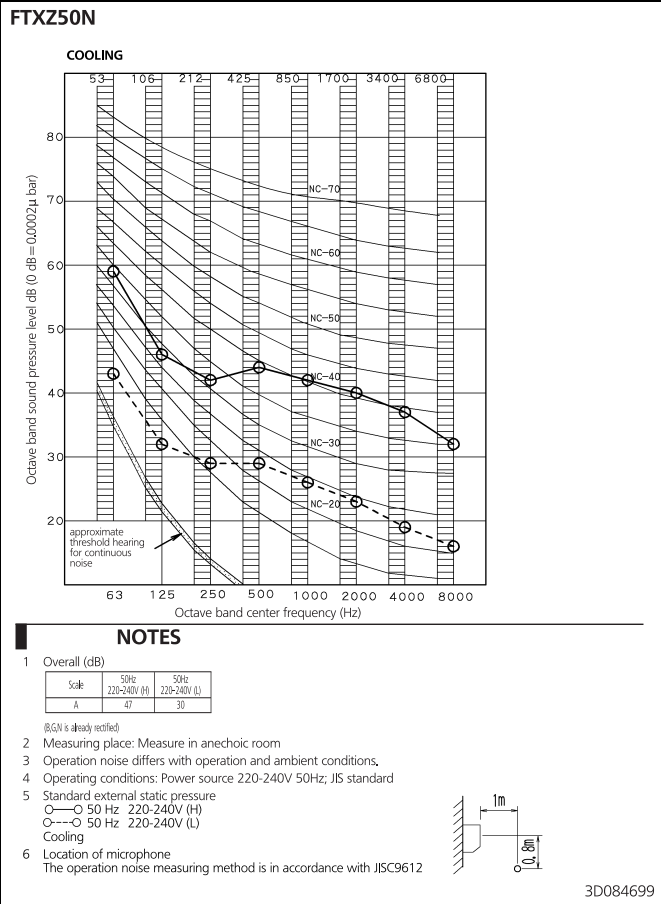
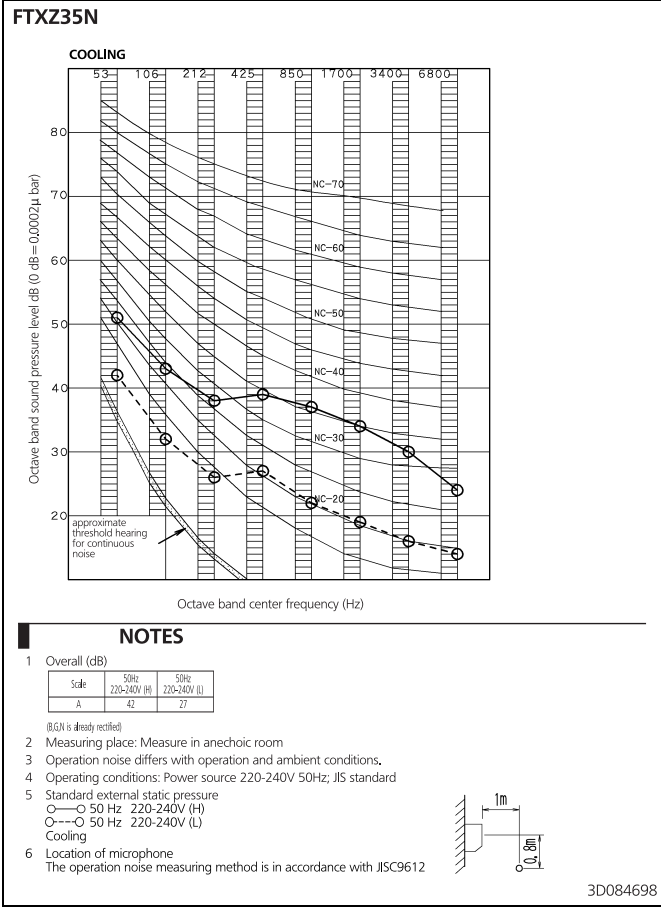
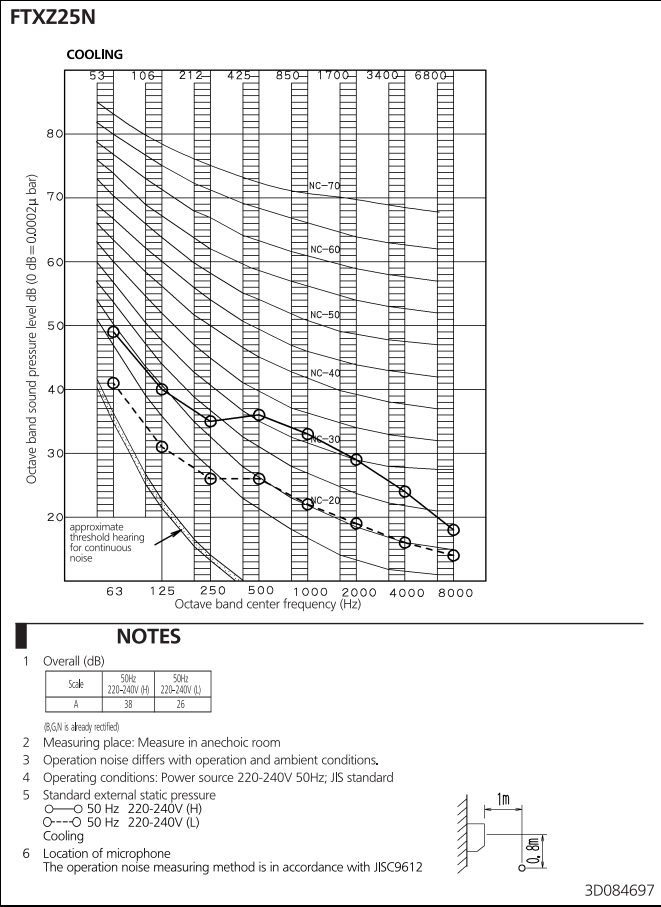
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7 Sound data

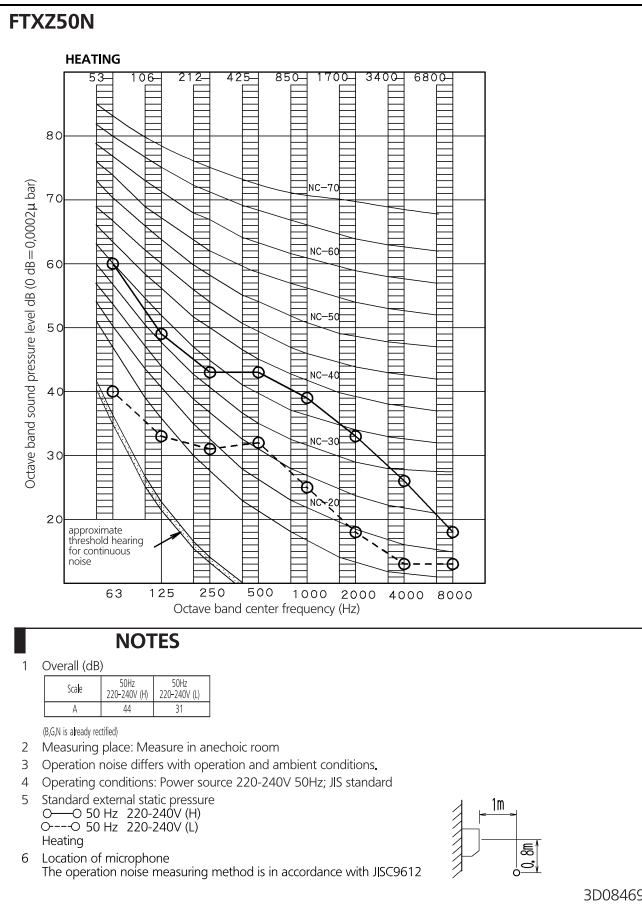
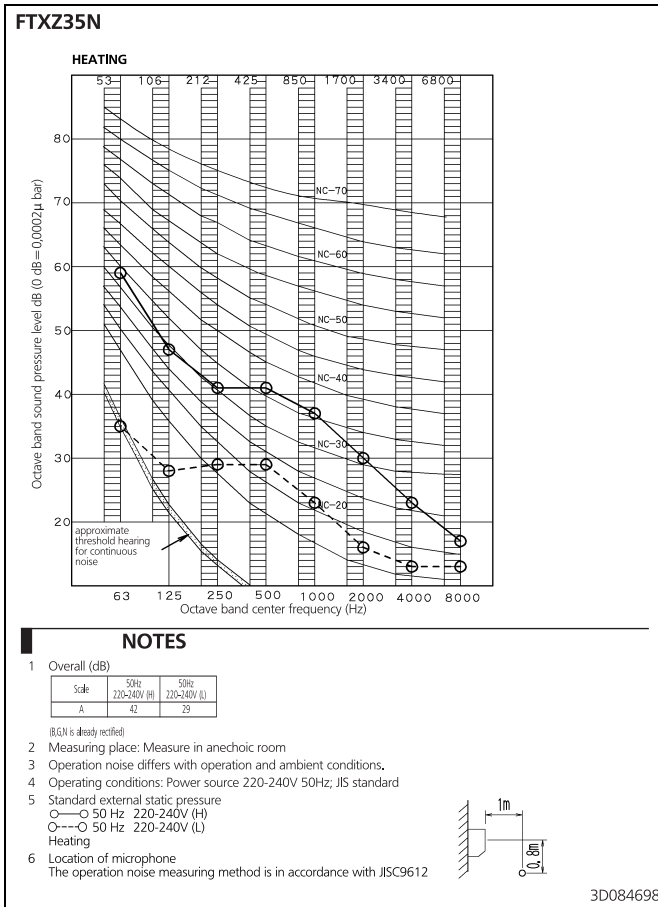
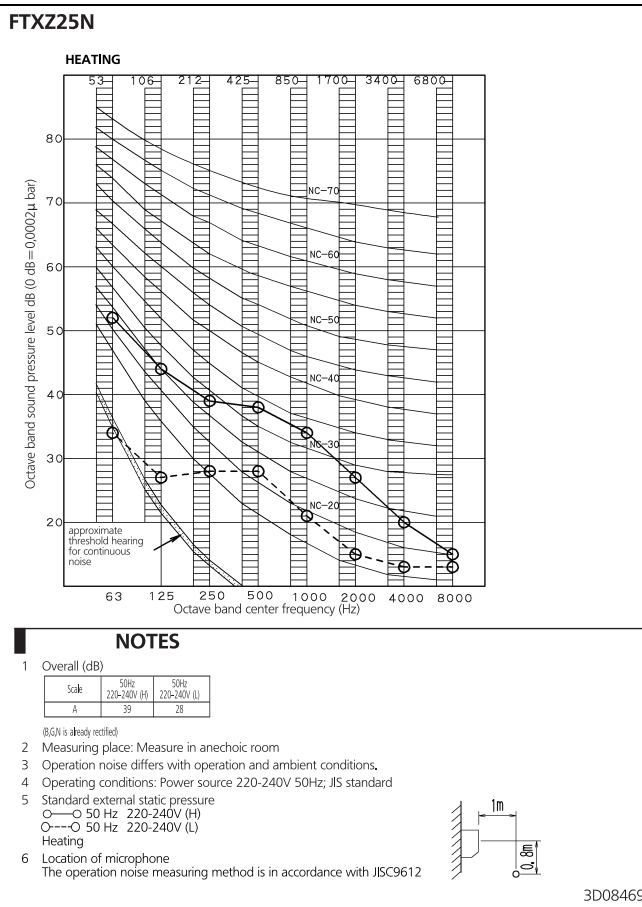
7 - 1 Sound Pressure Spectrum - Cooling



7 Sound data

7 - 2 Sound Pressure Spectrum - Heating

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