



Wall mounted unit Technical data book CTXF-C



CTXF20C5V1B
CTXF25C5V1B
CTXF35C5V1B

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CTXF-C

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1 Features


















1 - 1 CTXF-C

Wall mounted unit for low energy consumption and pleasant comfort

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- › Seasonal efficiency values up to A++ in cooling
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Quiet in operation down to 21 dBA
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency



- | | | | | | | | | |
|--|--|---|--|--|--|---|--|---|
| 
Econo mode | 
Energy saving during standby mode | 
Fan only | 
Comfort mode | 
Powerful mode | 
Auto cooling-heating changeover | 
Indoor unit silent operation | 
Vertical auto swing | 
Auto fan speed |
| 
Fan speed steps | 
Dry programme | 
Air filter | 
24 hour timer | 
Infrared remote control | 
Online controller | 
Auto-restart | 
Self diagnosis | |

2 Specifications

1 - 1 CTXF-C

Technical specifications				CTXF20C	CTXF25C	CTXF35C		
Power input	Cooling	Nom.	kW	0.017	0.019	0.032		
	Heating	Nom.	kW	0.020		0.032		
Casing	Colour			White				
Dimensions	Unit	Height	mm	286				
		Width	mm	770				
		Depth	mm	225				
	Packed unit	Height	mm	305				
		Width	mm	830				
		Depth	mm	360				
Weight	Unit		kg	8.50	8.00	9.00		
	Packed unit		kg	11	10	11		
Packing	Weight			kg				
	Length			mm				
Heat exchanger	Rows	Quantity		2				
	Fin pitch			mm				
	Stages			Quantity				
	Tube type			ø5 Hi-XB				
	Fin			Type				
				ML fin (Multi louver)				
	Heat exchanger 2	Length			mm			
		Rows	Quantity		-			
Fin pitch			mm					
Stages		Quantity		-				
Fan	Type			Cross flow fan				
	Quantity			1				
Fan	Air flow rate	Cooling	High	m ³ /min	9.8	10.1	11.5	
				cfm	346	357	406	
				Medium	m ³ /min		8	
					cfm	279	222	293
			Low	m ³ /min	5.9	6.1	6.3	
				cfm	208	215	226	
			Silent operation	m ³ /min		4.4	4.5	
				cfm		155	159	
		Heating	High	m ³ /min		10.3	11.5	
				cfm		364	406	
		Medium	m ³ /min	8.4	8.6	9.0		
			cfm	297	304	318		
Fan	Air flow rate	Heating	Low	m ³ /min	6.5	6.7	7.0	
				cfm	230	237	247	
				Silent operation	m ³ /min		5.3	
				cfm				
				187				
Fan motor	Model			MM6K11S20VA				
	Speed			Steps				
Sound power level	Cooling	High	rpm	1,000	1,020	1,140		
			Medium	rpm	830	850	870	
			Low	rpm	660	680	700	
	Heating	High	Silent operation	rpm		530	540	
			Medium	rpm		1,040	1,140	
			Low	rpm	880	890	930	
		Silent operation	rpm	710	730	760		
					610			
	Output	Rated		W				
	Sound pressure level	Cooling	dBA			55.0	58.0	
Heating		dBA			55.0	58.0		
Sound pressure level	Cooling	High	dBA	39.0	40.0	43.0		
		Medium	dBA	33.0		34.0		
		Low	dBA	25.0	26.0	27.0		
		Silent operation			dBA			
	Heating	High	dBA	39.0	40.0			
		Medium	dBA	34.0		35.0		
		Low	dBA	28.0		29.0		
		Silent operation			dBA			
Piping connections	Liquid	OD	mm	6.35				
	Gas	OD	mm	9.50				
	Drain			mm				
	Heat insulation			Both liquid and gas pipes				
Air filter	Type			Removable / washable				
Air direction control				Right, Left, Horizontal, Downward				
Temperature control				Microcomputer control				
Control systems	Infrared remote control			ARC470A1				
	Wired remote control			BRC073A1				

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Operation manual; Quantity: 1;

2 Specifications

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Standard accessories: Batteries; Quantity: 1;

Standard accessories: Infrared remote control; Quantity: 1;

Standard accessories: AAA dry-cell batteries; Quantity: 2;

Standard accessories: Remote control holder; Quantity: 1;

Standard accessories: Mounting plate; Quantity: 1;

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

2

Electrical specifications			CTXF20C	CTXF25C	CTXF35C
Power supply	Phase			1~	
	Frequency	Hz		50	
	Voltage	V		220-440	

3 Options

3 - 1 Options

ATXF-C
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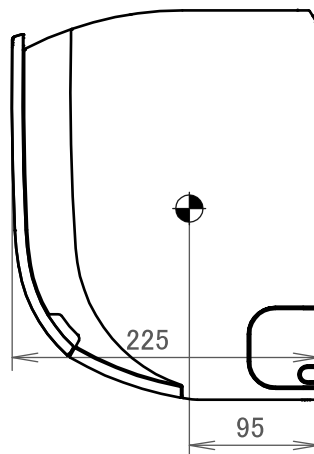
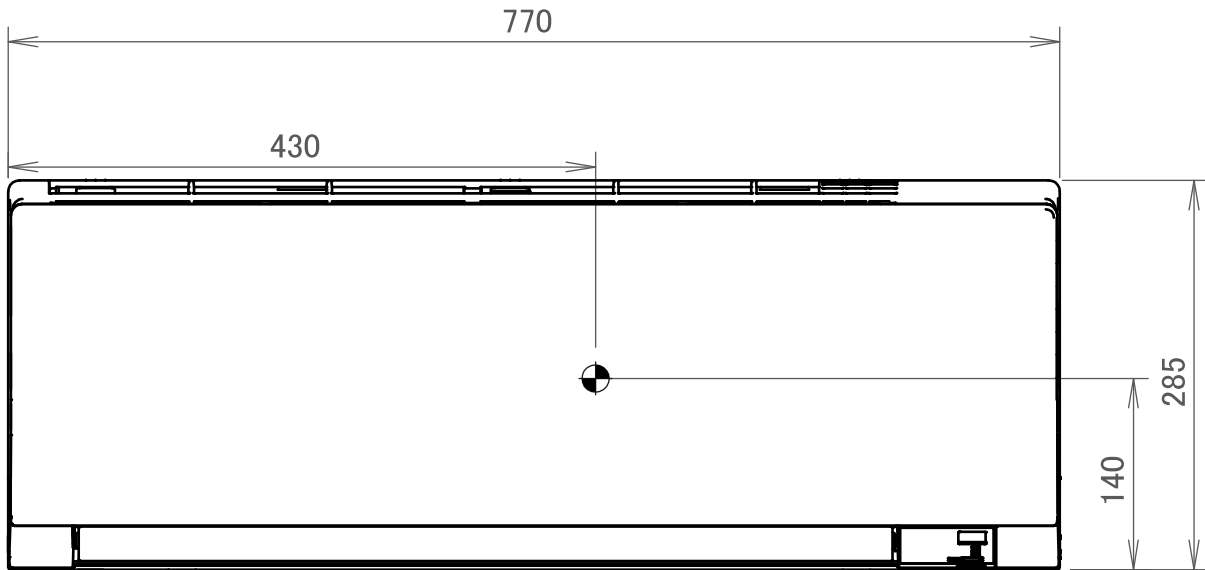
Option kit	Product name	Remark	Applicable models														
			Class	Casing	Factory												
			20	R32 BMS		ATXF20C5V1B	ATXF25C5V1B	ATXF35C5V1B	ATXF42C5V1B	CTXF20C5V1B	CTXF25C5V1B	CTXF35C5V1B	CTXF42C5V1B	FTXF20C5V1B	FTXF25C5V1B	FTXF35C5V1B	FTXF42C5V1B
Daikin Online Controller	BRP069B45		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wired remote control	BRC073A1	① ②	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Extension cord for wired remote control (-3-m)	BRCW901A03		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Extension cord for wired remote control (-8-m)	BRCW901A08		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wiring adaptor (normal open contact - normal open pulse contact)	KRP413AB1S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Interface adaptor for DIII-NET	KRP928BB2S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Central remote control	DCS302CA51		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Unified ON/OFF controller	DCS301BA51		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Schedule timer	DST301BA51		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Intelligent Touch Manager	DCM601A5A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Modbus interface	EKM8DXA		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Modbus gateway	RTD-RA		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
KNX interface	KLIC-DD		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium apatite deodorising filter without frame	KAF970A46		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Silver particle filter (Ag-Ion) with frame	KAF057A41		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conversion wire harness	EKR521		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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5 Centre of gravity

5 - 1 Centre of Gravity

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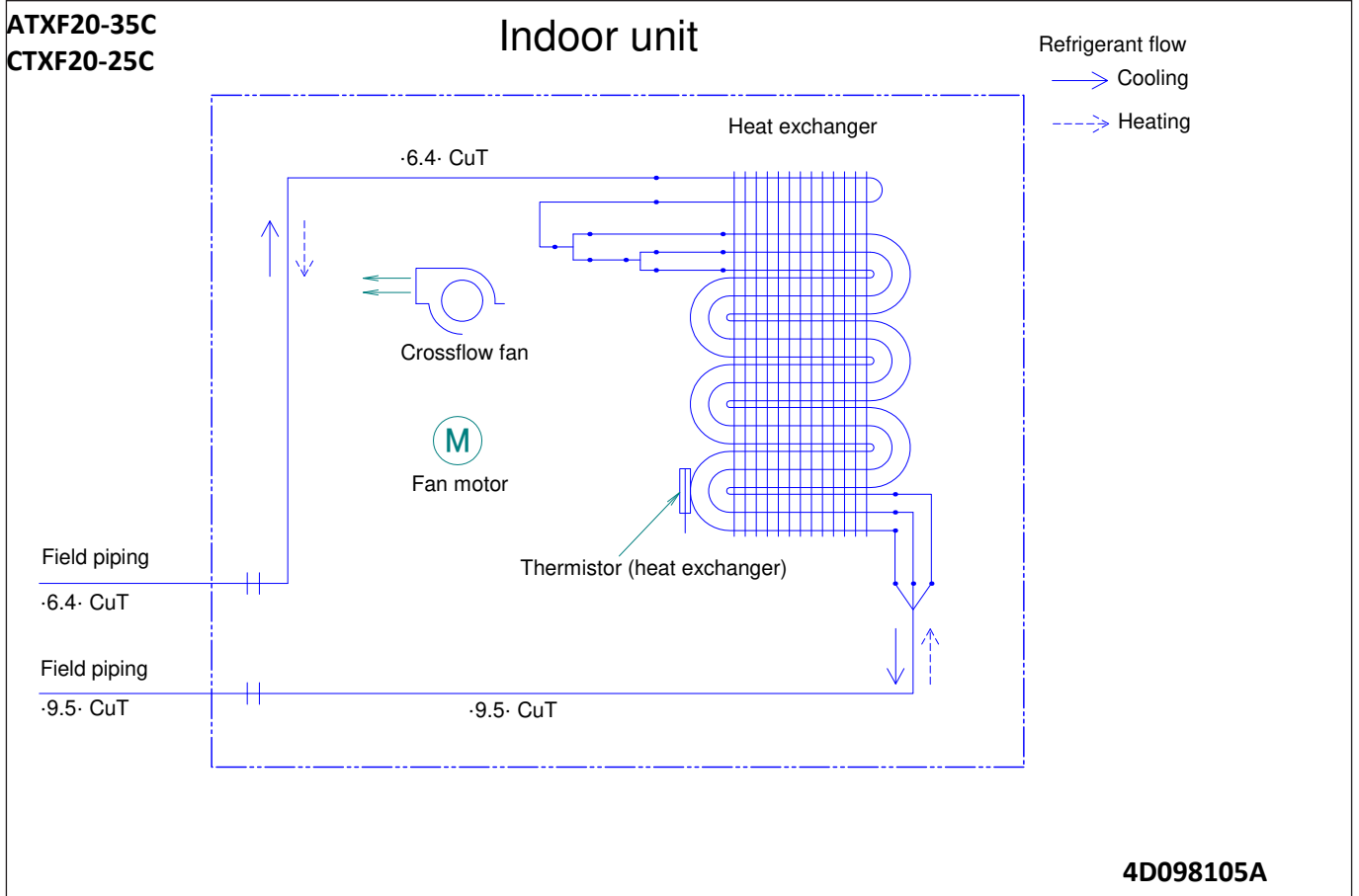


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6 Piping diagrams

6 - 1 Piping Diagrams

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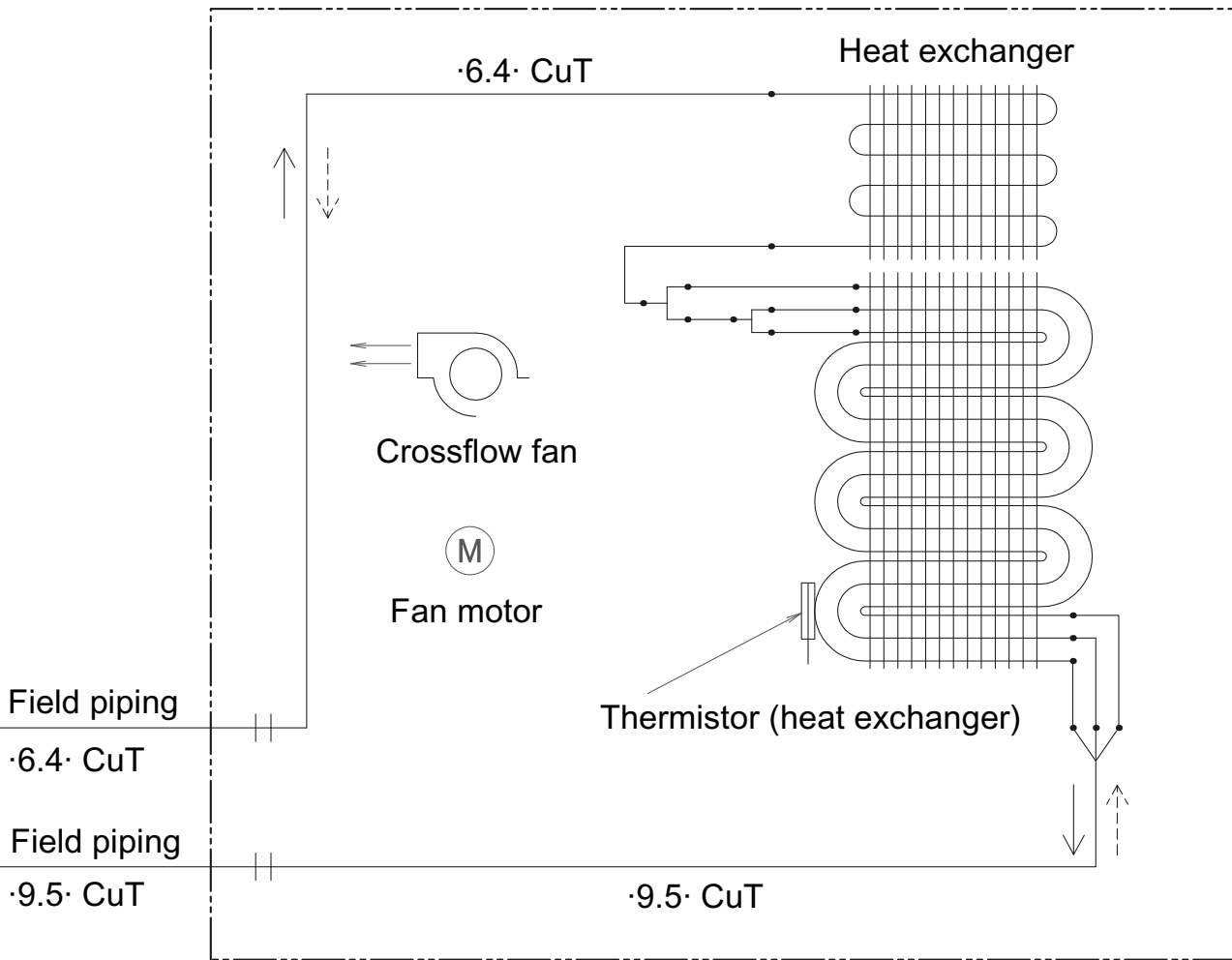


6 Piping diagrams

6 - 1 Piping Diagrams

CTXF35C

Indoor unit



Refrigerant flow

→ Cooling

---> Heating

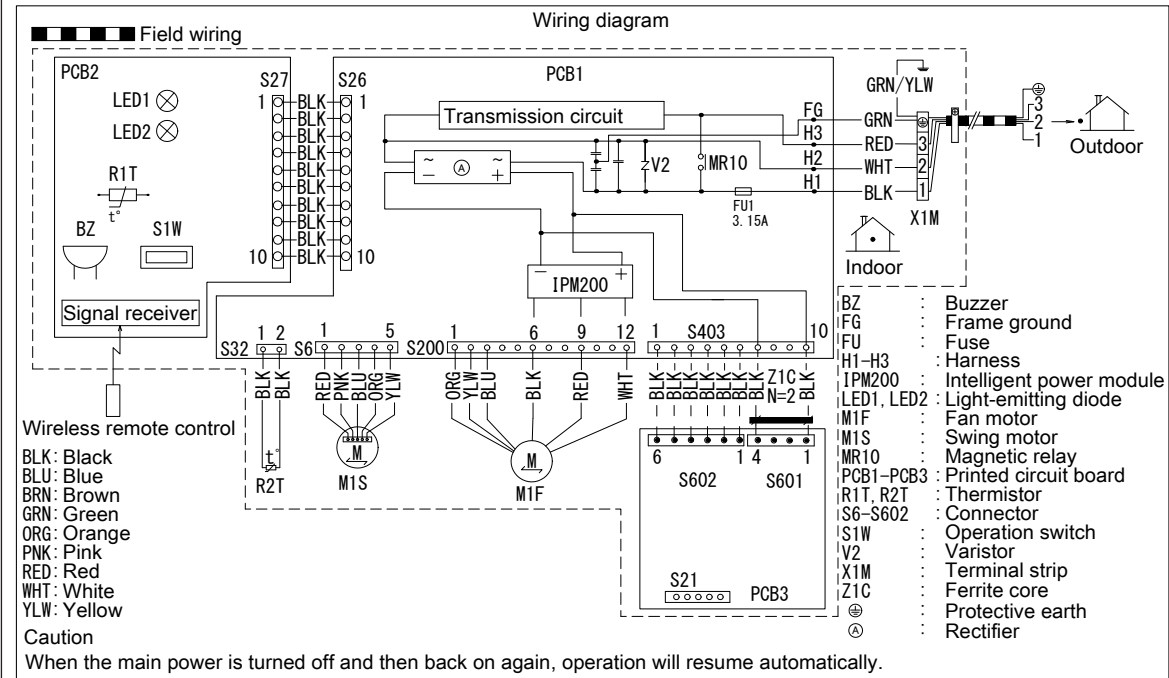
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7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

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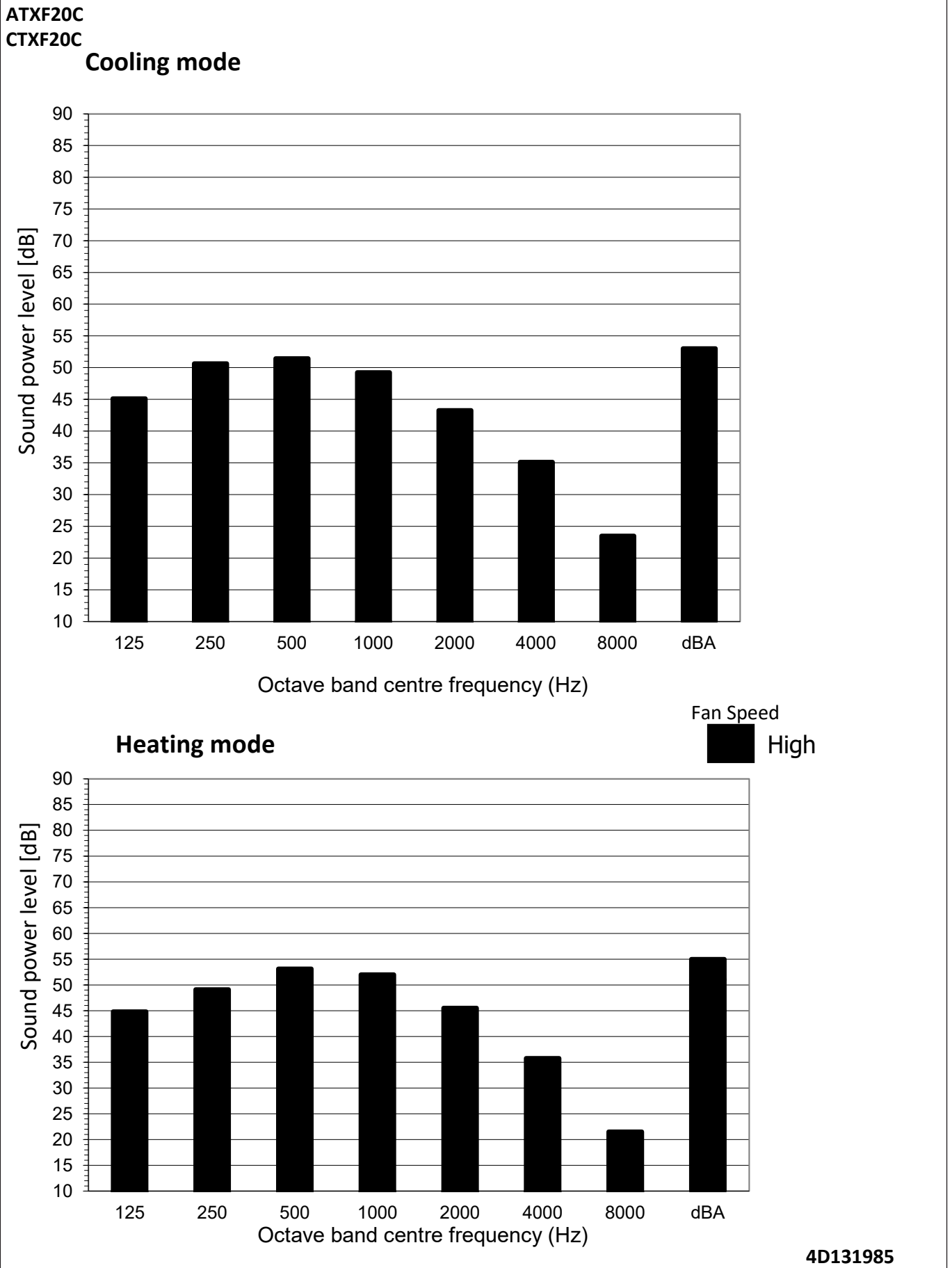
Notes

- 1 Size: length 70 X width 120.
- 2 Refer to purchasing specification AS303002, unless otherwise specified.

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8 Sound data

8 - 1 Sound Power Spectrum

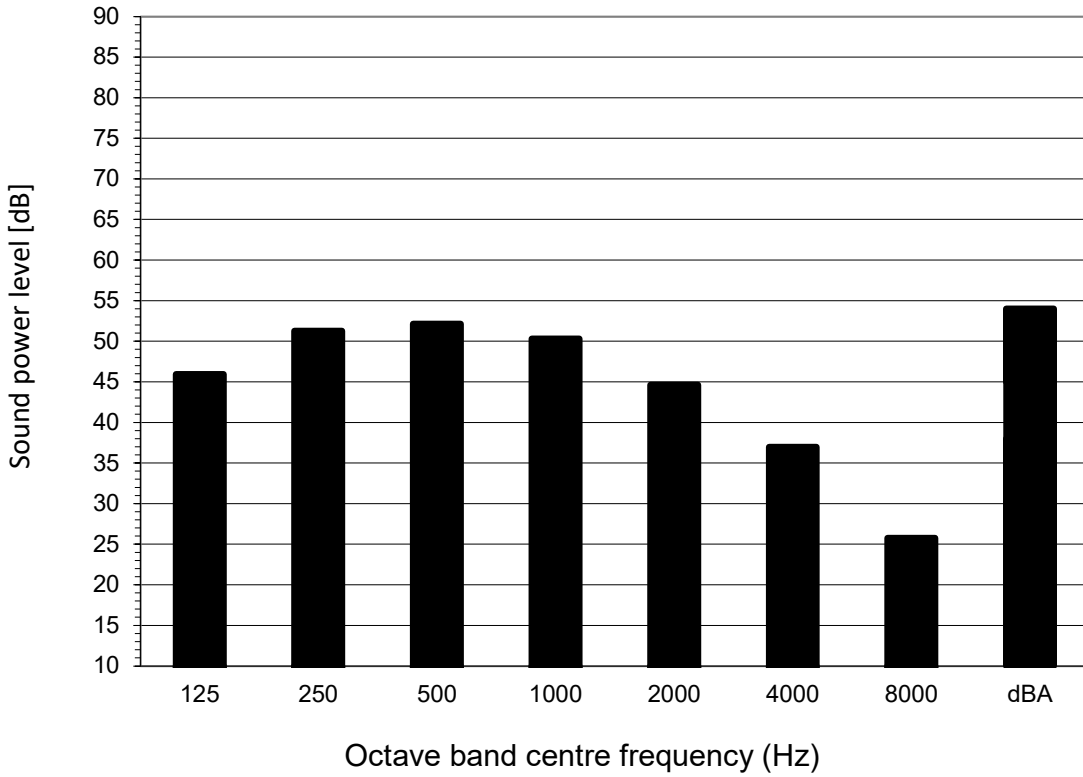


8 Sound data

8 - 1 Sound Power Spectrum

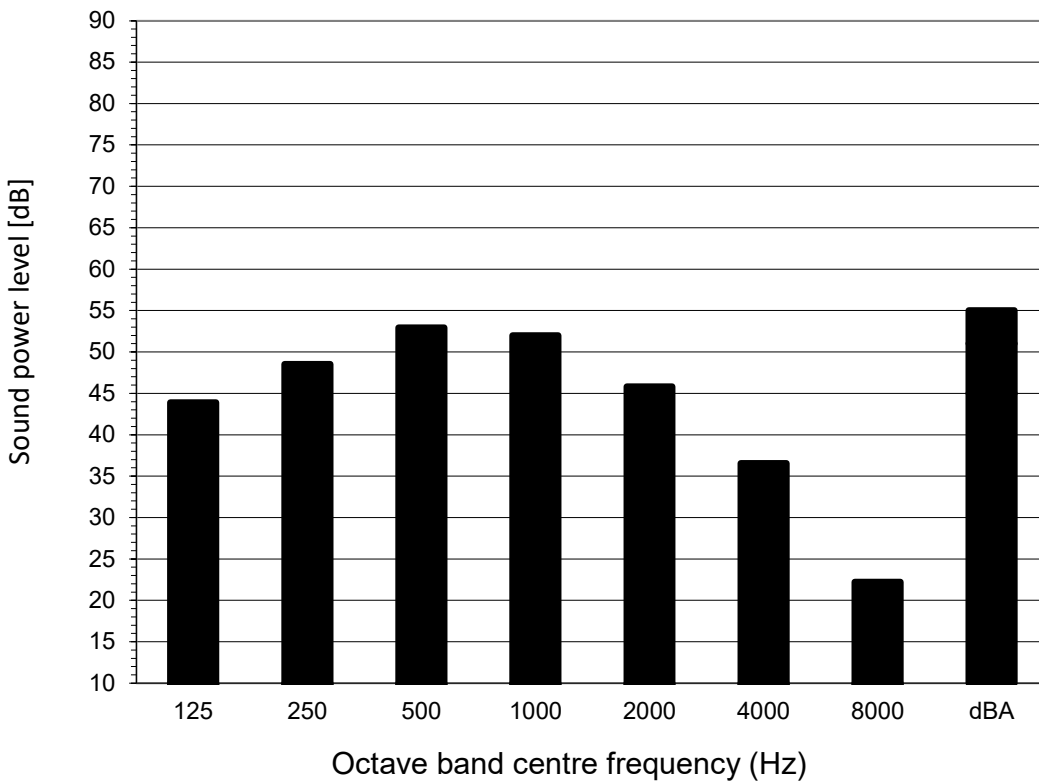
8

ATXF25C
CTXF25C Cooling mode



Heating mode

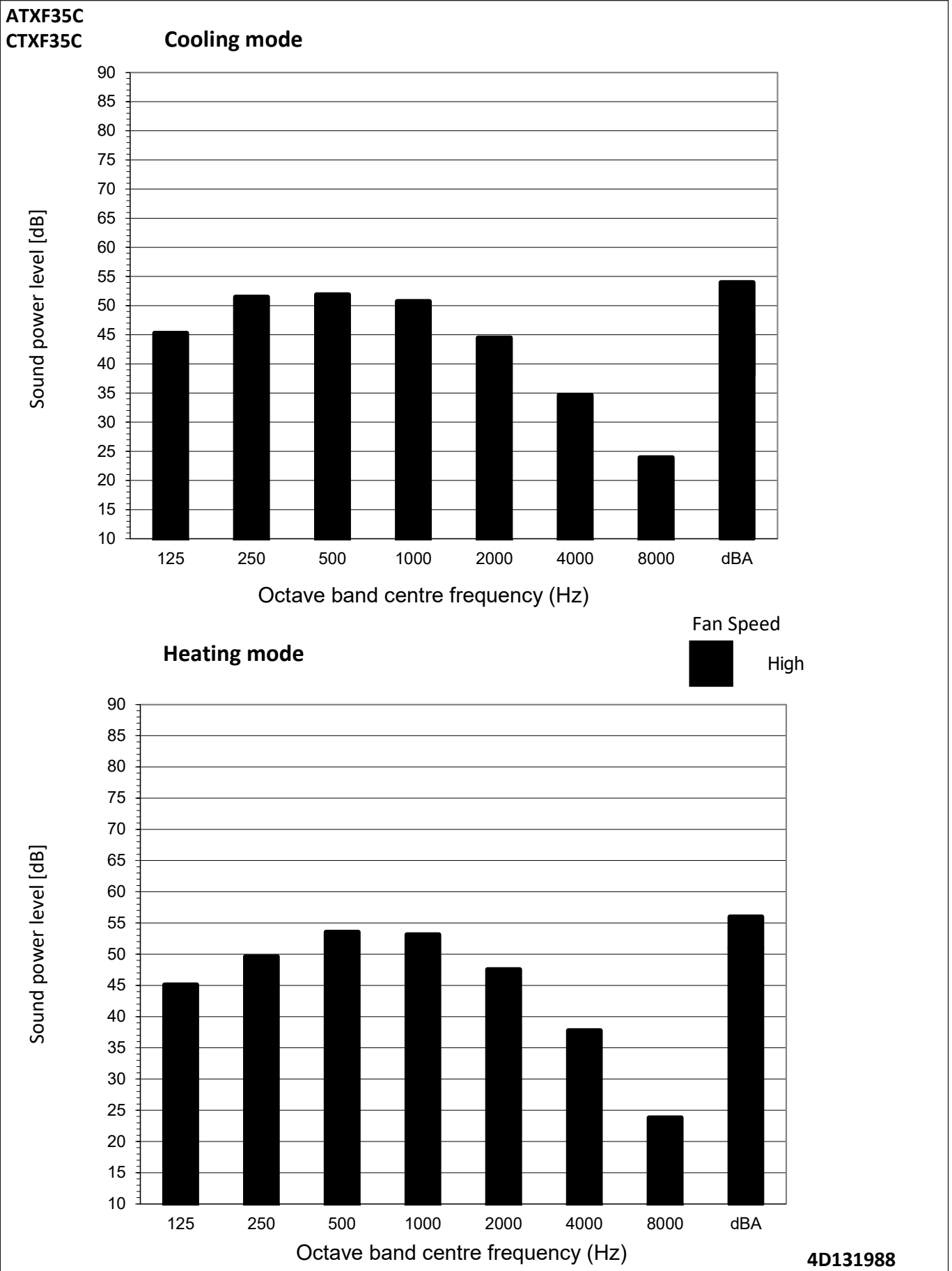
Fan Speed
 High



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8 Sound data

8 - 1 Sound Power Spectrum

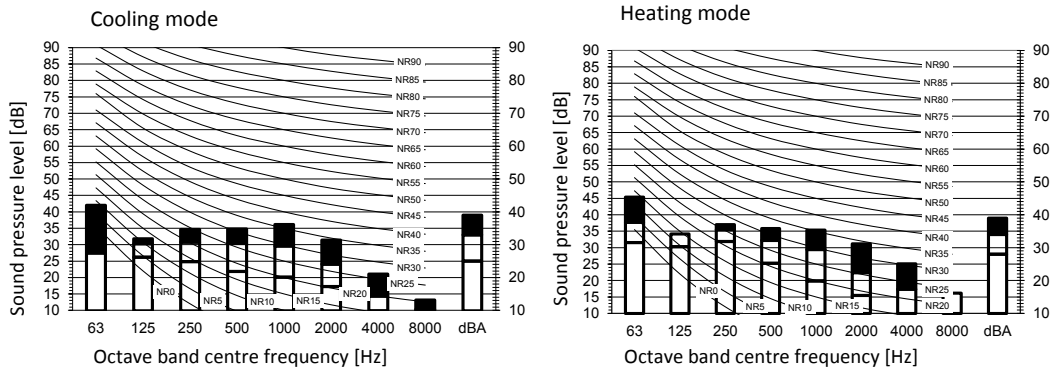


8 Sound data

8 - 2 Sound Pressure Spectrum

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ATXF20C
CTXF20C



Legend

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

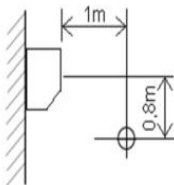
A Scale Fan speed
 B High
 C Medium
 D Low

Cooling		Total dB	
A	B	C	D
dBA	39	33	25

Heating		Total dB	
A	B	C	D
dBA	39	34	28

Notes

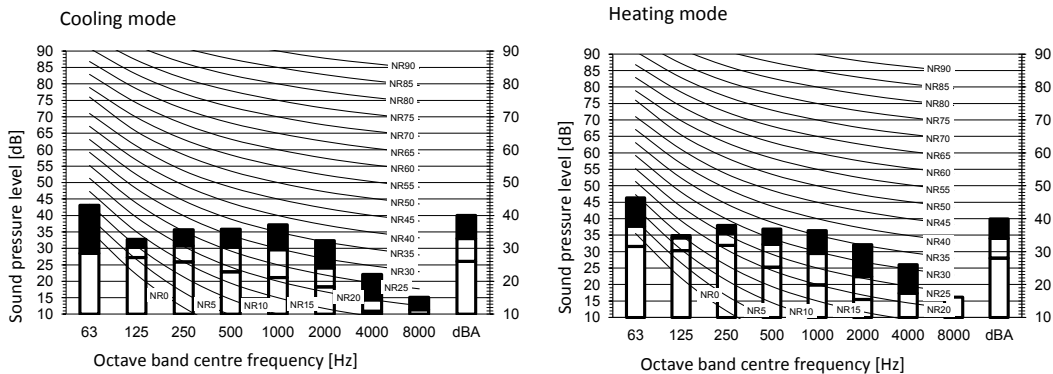
Location of microphone



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

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ATXF25C
CTXF25C



Legend

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

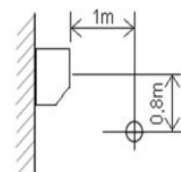
A Scale Fan speed
 B High
 C Medium
 D Low

Cooling		Total dB	
A	B	C	D
dBA	40	33	26

Heating		Total dB	
A	B	C	D
dBA	40	34	28

Notes

Location of microphone



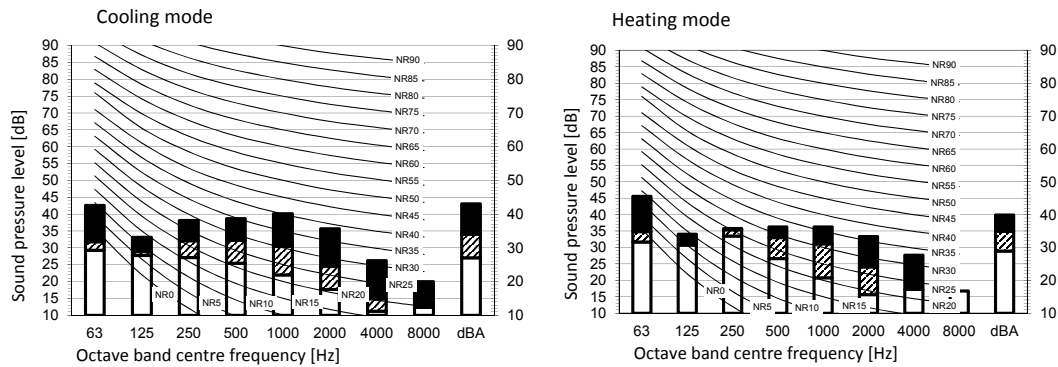
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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8 Sound data

8 - 2 Sound Pressure Spectrum

ATXF35-42C
CTXF35C



Legend

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

A	Scale	Fan speed
B	■	High
C	▨	Medium
D	□	Low

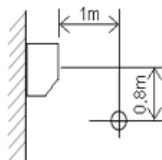
Cooling		Total dB		
A	B	C	D	
dBA	43	34	27	

Heating		Total dB		
A	B	C	D	
dBA	40	35	29	

Notes

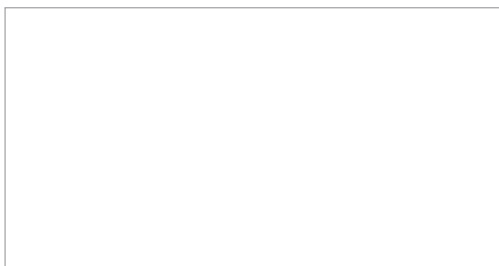
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic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

Location of microphone



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