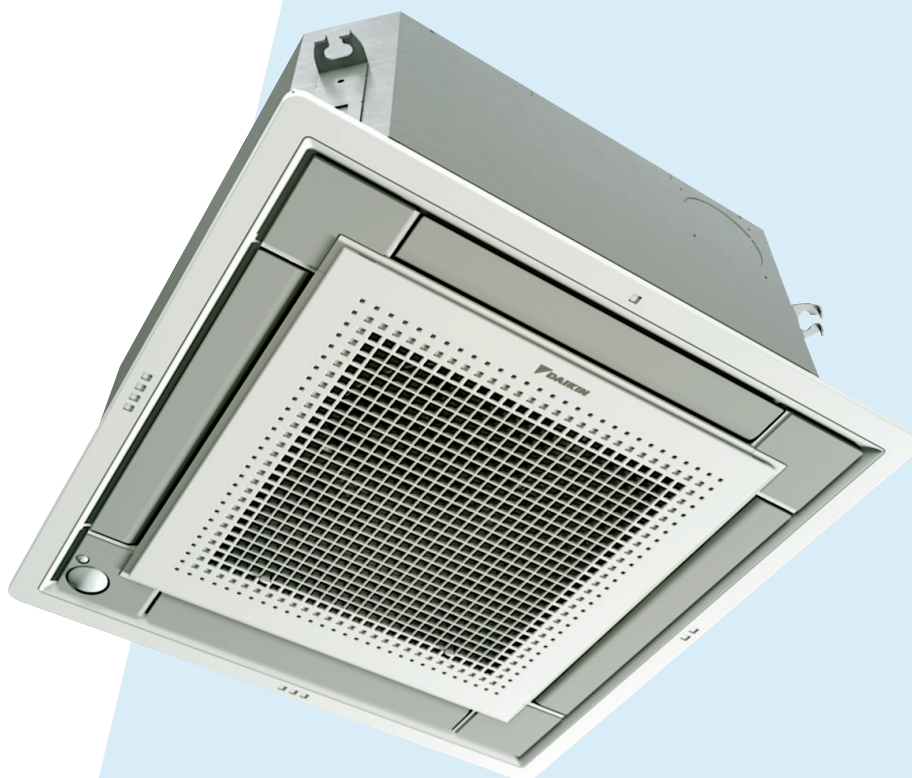


Fully flat cassette Air Conditioning Technical Data FXZA-A



FXZA15A2VEB
FXZA20A2VEB
FXZA25A2VEB
FXZA32A2VEB
FXZA40A2VEB
FXZA50A2VEB

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FXZA-A

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1 Features

1 - 1 FXZA-A

Unique design in the market that integrates fully flat into the ceiling

1

- › Optimised design for R-32 refrigerant
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



Onecta app
(optional)



Presence &
floor sensor



Home leave
operation



Fan only



Draught
prevention



Auto cooling-
heating
changeover



Whisper quiet



Ceiling soiling
prevention



Individual flap
control



Vertical auto
swing



Fan speed
steps



Dry
programme



Air filter



Weekly timer



Infrared
remote
control



Wired remote
control



Centralised
control



Auto-restart



Self diagnosis



Multi tenant



Drain pump
kit

2 Specifications

2 - 1 Specifications

Technical specifications				FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A	
Cooling capacity	Sensible capacity	At high fan speed	kW	1.20	1.50	1.90	2.50	3.10	3.80	
		At medium fan speed	kW	1.00	1.30	1.70	2.10	2.70	3.20	
		At low fan speed	kW	0.90	1.10	1.40	1.80	2.30	2.60	
	Latent capacity	At high fan speed	kW	0.50	0.70	0.90	1.10	1.40	1.80	
		At medium fan speed	kW	0.50	0.60	0.80	1.00	1.20	1.50	
		At low fan speed	kW	0.50	0.60	0.80	0.90	1.10	1.40	
	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	
		At medium fan speed	kW	1.50	1.90	2.50	3.10	3.90	4.70	
		At low fan speed	kW	1.40	1.70	2.20	2.70	3.40	4.00	
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	
		At medium fan speed	kW	1.60	2.10	2.70	3.40	4.20	5.10	
		At low fan speed	kW	1.50	1.80	2.30	2.90	3.60	4.10	
Power input - 50Hz	Cooling	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
		At medium fan speed	kW	0.013 (1)		0.016 (1)	0.015 (1)	0.019 (1)	0.036 (1)	
		At low fan speed	kW	0.010 (1)				0.011 (1)	0.014 (1)	0.019 (1)
	Heating	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
		At medium fan speed	kW	0.013 (1)		0.016 (1)	0.015 (1)	0.019 (1)	0.036 (1)	
		At low fan speed	kW	0.010 (1)				0.011 (1)	0.014 (1)	0.019 (1)
Power input - 60Hz	Cooling	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
	Heating	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
Dimensions	Unit	Height	mm	260						
		Width	mm	575						
		Depth	mm	575						
	Packed unit	Height	mm	280						
		Width	mm	686						
		Depth	mm	597						
Weight	Unit	kg	15.5				16.5		18.5	
	Packed unit	kg	17			18			19	
Casing	Material			Galvanised steel plate						
Heat exchanger	Inside length		mm	1,295					1,248	
	Outside length		mm	1,342						
	Rows	Quantity		2					3	
	Fin pitch		mm	1.2						
	Passes	Quantity		4				5		7
	Face area		m²	0.218				0.290		0.300
	Stages	Quantity		12				16		
	Heat exchanger	Empty tubeplate hole	Quantity	0						
Fin		Type	Cross fin coil (multi slit fins and hi-XA tubes)							
Fan	Type			Turbo fan						
	Quantity			1						
	Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	8.5	8.7	9.0	10.0	11.5	14.0
			At medium fan speed	m³/min	7.0	7.5	8.0	8.5	9.5	12.5
			At low fan speed	m³/min	6.5				7.0	8.0
		Heating	At high fan speed	m³/min	8.5	8.7	9.0	10.0	11.5	14.0
			At medium fan speed	m³/min	7.0	7.5	8.0	8.5	9.5	12.5
			At low fan speed	m³/min	6.5				7.0	8.0
	Air flow rate - 60Hz	Cooling	At high fan speed	cfm	300	307	318	353	406	494
			At medium fan speed	cfm	247	265	283	300	335	441
			At low fan speed	cfm	230				247	283
		Heating	At high fan speed	cfm	300	307	318	353	406	494
			At medium fan speed	cfm	247	265	283	300	335	441
			At low fan speed	cfm	230				247	283
Sound power level	Cooling	At high fan speed	dBA	49			50	51	54	60
		At medium fan speed	dBA	31.5	32.0	33.0	33.5	37.0	43.0	
Sound pressure level	Cooling	At medium fan speed	dBA	28.0	29.5	30.0		32.0	40.0	
		At low fan speed	dBA	25.5				26.0	28.0	33.0
		At high fan speed	dBA	31.5	32.0	33.0	33.5	37.0	43.0	
	Heating	At medium fan speed	dBA	28.0	29.5	30.0		32.0	40.0	
		At low fan speed	dBA	25.5				26.0	28.0	33.0
Fan motor	Speed	Steps	3							
Refrigerant	Type		R-32							
	GWP		675							
Piping connections	Liquid	Type		Flare connection						
		OD	mm	6						
	Gas	Type		Flare connection						
		OD	mm	9.52					12.7	
	Drain				VP20 (I.D. 20/O.D. 26)					
	Heat insulation				Foamed polystyrene / Foamed polyethylene					
Sound absorbing insulation				Foamed polyurethane						

2 Specifications

2 - 1 Specifications

2

Technical specifications			FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A
Decoration panel	Model		BYFQ60C4WIW					
	Colour		White (N9.5)					
	Dimensions	Height	mm					
		Width	mm					
Decoration panel	Dimensions	Depth	mm					
	Weight		kg					
Decoration panel 2	Model		BYFQ60C4W1S					
	Colour		Silver					
	Dimensions	Height	mm					
		Width	mm					
		Depth	mm					
	Weight		kg					
Decoration panel 3	Model		BYFQ60B2W1 / See note 2					
	Colour		White (RAL9010)					
	Dimensions	Height	mm					
		Width	mm					
		Depth	mm					
	Weight		kg					
Decoration panel 4	Model		BYFQ60B3W1 / See note 2					
	Colour		White (RAL9010)					
	Dimensions	Height	mm					
		Width	mm					
		Depth	mm					
	Weight		kg					
Air filter	Type		Resin net					
Safety devices	Item	01	PC board fuse					
		02	Fan motor overcurrent protector					
		03	Fan motor thermal protection					
Control systems	Infrared remote control		BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)					
	Wired remote control		BRC1H52W/S/K					

Standard accessories: Washer for hanger bracket;Quantity: 8;

Standard accessories: Clamps;Quantity: 7;

Standard accessories: Drain hose;Quantity: 1;

Standard accessories: Installation and operation manual;Quantity: 1;

Standard accessories: Insulation for fitting;Quantity: 2;

Standard accessories: Metal clamp for drain hose;Quantity: 1;

Standard accessories: Screws;Quantity: 4;

Standard accessories: Sealing pad;Quantity: 4;

Electrical specifications				FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A
Power supply	Name			VE					
	Phase			1~					
	Frequency Hz			50/60					
	Voltage V			220-240/220					
Current - 50Hz	Minimum circuit amps (MCA)		A	0.3			0.4		0.6
	Maximum fuse amps (MFA)		A	6					
	Full load amps (FLA)	Total	A	0.3			0.4		0.5
Current - 60Hz	Minimum circuit amps (MCA)		A	0.3			0.4		0.6
	Maximum fuse amps (MFA)		A	6					
	Full load amps (FLA)	Total	A	0.3			0.4		0.5

(1)Values are valid for the factory setting. |

(2)It is necessary to use option ERPS23 (conversion wire harness) for connection of standard panel. |

(3)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB |

(4)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB |

(5)Dimensions do not include control box |

(6)The sound power level is an absolute value indicating the power which a sound source generates. |

(7)Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. |

(8)Maximum allowable voltage range variation between phases is 2%. |

(9)MCA/MFA: MCA = 1.1 x FLA |

(10)Instead of a fuse, use a circuit breaker |

(11)Select wire size based on the value of MCA |

(12)Contains fluorinated greenhouse gases

3 Safety device settings

3 - 1 Safety Device Settings

FXZA-A

Safety devices		FXZA15/20/25/32/40/50A2VEB
PCB fuse		250V, 3.15A
PCB fuse (fan driver)		---
Fan motor thermal fuse	Nominal	0.74A
Fan motor thermal protector	Maximum	108°C
Drain pump fuse		---

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Options

Options

FXZA-A

Option kit	Product name	Compatibility			Availability
		BYFG08BW1	BYFG0C4W1W	BYFG0C4W1S	
Decoration panel - Standard	BYFG08BW1 ⑤	-	-	-	✓
Decoration panel - White	BYFG08C4W1W	-	-	-	✓
Decoration panel - Silver	BYFG08C4W1S	-	-	-	✓
Conversion wire harness for standard panel	EXRS23	Yes	No	No	✓
Panel spacer	KSRQ4860	Yes	No	No	✓
Air discharge outlet sealing member	BBHQ4AC60	Yes	Yes	Yes	✓
Sensor kit - White	BRYG06A3W	No	Yes	No	✓
Sensor kit - Silver	BRYG06A3S	No	No	Yes	✓
Wireless remote control	BRCFB830W ①②③	Yes	No	No	✓
Wireless remote control - white	BRCFB830W ①②③	No	Yes	No	✓
Wireless remote control - silver	BRCFB830S ①②③	No	No	Yes	✓
WLAN adaptor for smartphones	BRP060C51 ③	Yes	Yes	Yes	✓
Wired remote control	BRCH52/R2W7/R7/K7 ⑫	Yes	Yes	Yes	✓
Intelligent Tablet Controller	DCC601A51 ③	Yes	Yes	Yes	✓
Intelligent touch controller	DCC601C51 ③⑨	Yes	Yes	Yes	✓
Central remote control	DCC302CA51 ③⑧⑩	Yes	Yes	Yes	✓
	DCC302BA51 ③⑧⑩	Yes	Yes	Yes	✓
Unified ON/OFF controller	DCC302BA51 ③⑦⑩	Yes	Yes	Yes	✓
	DCC302BA61 ③⑦⑩	Yes	Yes	Yes	✓
Intelligent Touch Manager	DCM601BS1 ③	Yes	Yes	Yes	✓
Long-life replacement filter	KAF441C60	Yes	Yes	Yes	✓
External wired temperature sensor	KRC501-68	Yes	Yes	Yes	✓
Wire harness for external wireless temperature sensor	EKEWTSC-1 ⑥	Yes	Yes	Yes	✓
Adaptor with -2- output signals	ERPQ1A50 ④	Yes	Yes	Yes	✓
Adaptor with -4- output signals	EXRPLC14 ④	Yes	Yes	Yes	✓
Adaptor for centralised external monitoring/ control via dry contacts and setpoint control via 0-140 °C (for dedicated indoors)	KRP4AA53 ④	Yes	Yes	Yes	✓
Adaptor for external central monitoring/control (controls 1 entire system)	KRP2AA26 ④	Yes	Yes	Yes	✓
Adaptor for keypad and/or window contact connection	BR7A52 ③④	Yes	Yes	Yes	✓
PCB for multi-tenant indoor units	DTA11AA61-9 ④⑩	Yes	Yes	Yes	✓
	DTA10AA52 ④⑩	Yes	Yes	Yes	✓
External adaptor for outdoor unit (installation on indoor unit)	DTA10AA62 ④⑩	Yes	Yes	Yes	✓
Installation box for adaptor PCB	KRP18C101	Yes	Yes	Yes	✓
Electrical box with earth terminal (2- blocks)	KJB212AA	Yes	Yes	Yes	✓
Electrical box with earth terminal (3- blocks)	KJB311AA	Yes	Yes	Yes	✓
Electrical box with earth terminal (4- blocks)	KJB411AA	Yes	Yes	Yes	✓
Optional output PCB	ERPQ1A50 ④	Yes	Yes	Yes	✓
Fresh air intake kit	KDDQ44AA60	Yes	Yes	Yes	✓

Notes

- ① The sensing function is not available.
- ② The independently controllable flap function is not available.
- ③ Only possible in combination with remote control -BRCH52/R2-.
- ④ Requires installation box for adaptor PCB -KRP18C101-.
- ⑤ For the connection of panel -BYFG08BW1- with R32 units it is necessary to use option -EXRS23-.
- ⑥ -EKEWTSC-1 is a wire harness for the connection of option -K-RSS-.
- ⑦ -K-RSS- is not an official option. Sales for this option are an SBU responsibility.
- ⑧ Requires installation box -KJB212AA-.
- ⑨ Requires installation box -KJB311AA-.
- ⑩ Requires installation box -KJB411A-.
- ⑪ This option cannot be combined with -RXX5AA/5/SA7V1B- or -RXX5AA/5/SA7V1B-.
- ⑫ Language pack -English-.
- ⑬ Mandatory option.
- ⑭ Language pack -English, German, French, Dutch, Spanish, Italian, Greek, Portuguese-

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5 Capacity tables

5 - 1 Cooling Capacity Tables

FXZA-A

Unit size		Indoor air temperature													
		14,0 [°C WB]		16,0 [°C WB]		18,0 [°C WB]		19,0 [°C WB]		20,0 [°C WB]		22,0 [°C WB]		24,0 [°C WB]	
		20,0 [°C DB]		23,0 [°C DB]		26,0 [°C DB]		27,0 [°C DB]		28,0 [°C DB]		30,0 [°C DB]		32,0 [°C DB]	
Unit size	Fan speed	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
15	H	1,0	0,8	1,3	1,0	1,5	1,1	1,7	1,2	1,9	1,2	2,2	1,3	2,5	1,4
	M	Correction factor -0.86 × H-													
	L	Correction factor -0.81 × H-													
20	H	1,3	1,0	1,6	1,3	2,0	1,5	2,2	1,5	2,4	1,6	2,8	1,7	3,3	1,8
	M	Correction factor -0.89 × H-													
	L	Correction factor -0.80 × H-													
25	H	1,6	1,3	2,1	1,6	2,5	1,9	2,8	1,9	3,1	2,0	3,6	2,1	4,2	2,2
	M	Correction factor -0.92 × H-													
	L	Correction factor -0.78 × H-													
32	H	2,1	1,7	2,7	2,0	3,3	2,4	3,6	2,5	3,9	2,5	4,6	2,7	5,4	2,9
	M	Correction factor -0.88 × H-													
	L	Correction factor -0.75 × H-													
40	H	2,6	2,2	3,3	2,6	4,1	3,0	4,5	3,1	4,9	3,2	5,8	3,4	6,7	3,6
	M	Correction factor -0.87 × H-													
	L	Correction factor -0.76 × H-													
50	H	3,2	2,7	4,1	3,2	5,1	3,7	5,6	3,8	6,1	4,0	7,2	4,2	8,3	4,5
	M	Correction factor -0.88 × H-													
	L	Correction factor -0.73 × H-													

Notes

- 1) TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
- 2) Outdoor temperature :35°C DB

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5 Capacity tables

5 - 2 Heating Capacity Tables

FXZA-A

5

Unit size	Fan speed	Indoor air temperature					
		16,0 [°C DB]	18,0 [°C DB]	20,0 [°C DB]	21,0 [°C DB]	22,0 [°C DB]	24,0 [°C DB]
		TC	TC	TC	TC	TC	TC
15	H	2,2	2,1	1,9	1,8	1,7	1,6
	M	Correction factor -0.84 × H-					
	L	Correction factor -0.78 × H-					
20	H	2,9	2,7	2,5	2,4	2,3	2,1
	M	Correction factor -0.87 × H-					
	L	Correction factor -0.77 × H-					
25	H	3,7	3,5	3,2	3,1	2,9	2,7
	M	Correction factor -0.90 × H-					
	L	Correction factor -0.75 × H-					
32	H	4,7	4,3	4,0	3,8	3,7	3,3
	M	Correction factor -0.86 × H-					
	L	Correction factor -0.72 × H-					
40	H	5,8	5,4	5,0	4,8	4,6	4,2
	M	Correction factor -0.84 × H-					
	L	Correction factor -0.72 × H-					
50	H	7,4	6,8	6,3	6,0	5,8	5,3
	M	Correction factor -0.81 × H-					
	L	Correction factor -0.65 × H-					

Notes

- 1) TC: Total capacity [kW]
- 2) Outdoor temperature -7°C DB / -6°C WB

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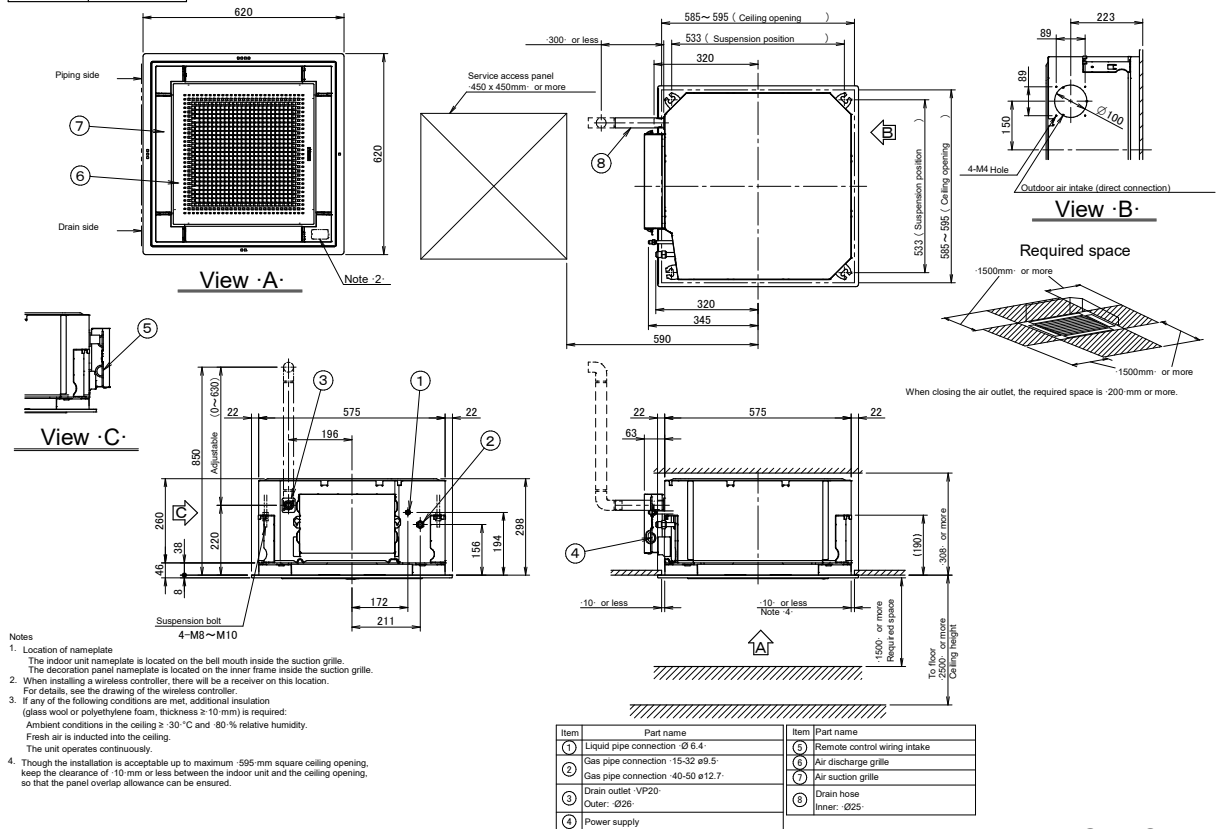
6 Dimensional drawings

6 - 1 Dimensional Drawings with Accessories

FXZA-A

Decoration panel

BYFQ60C4W1W	Fresh white - N9.5
BYFQ60C4W1S	Daikin silver



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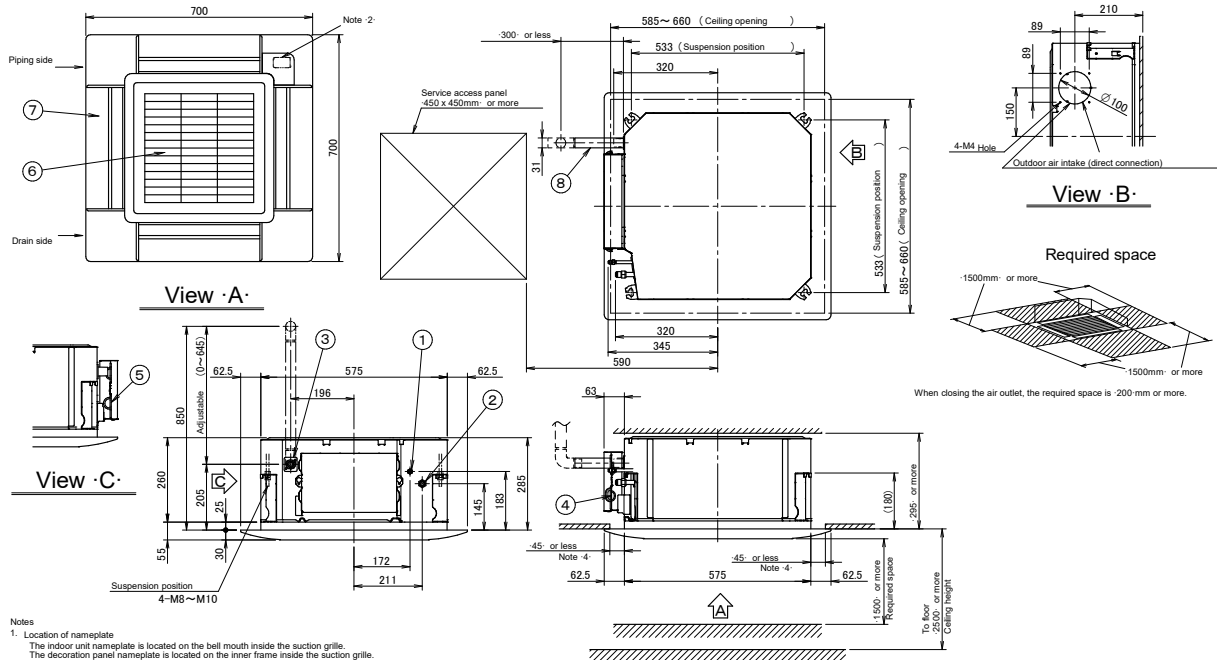
6 Dimensional drawings

6 - 1 Dimensional Drawings with Accessories

FXZA-A

Decoration panel

BYFQ60B2W1	White	Ral 9010
BYFQ60B3W1	White	Ral 9010



- Notes**
1. Location of nameplate
The indoor unit nameplate is located on the bell mouth inside the suction grille.
The decoration panel nameplate is located on the inner frame inside the suction grille.
When installing a wireless controller, there will be a receiver on this location.
For details, see the drawing of the wireless controller.
 2. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥ 10 mm) is required:
Ambient conditions in the ceiling ≥ 30 °C and 80 % relative humidity.
Fresh air is ducted into the ceiling.
The unit operates continuously.
 3. Though the installation is acceptable up to maximum 660 mm square ceiling opening, keep the clearance of 45 mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

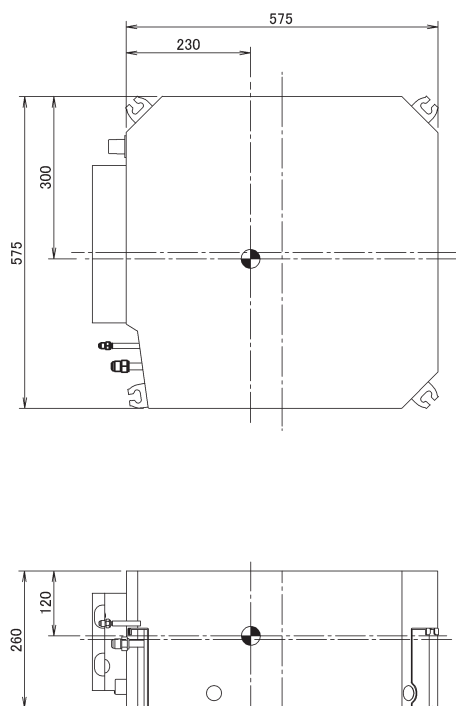
Item	Part name	Item	Part name
①	Liquid pipe connection Ø 6.4"	⑤	Remote control wiring intake
②	Gas pipe connection 15-32 ø9.5"	⑥	Air discharge grille
③	Gas pipe connection 40-50 ø12.7"	⑦	Air suction grille
④	Drain outlet -VP20- Outer: Ø26	⑧	Drain hose Inner: Ø25
	Power supply		

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7 Centre of gravity

7 - 1 Centre of Gravity

FXZA-A



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8 Piping diagrams

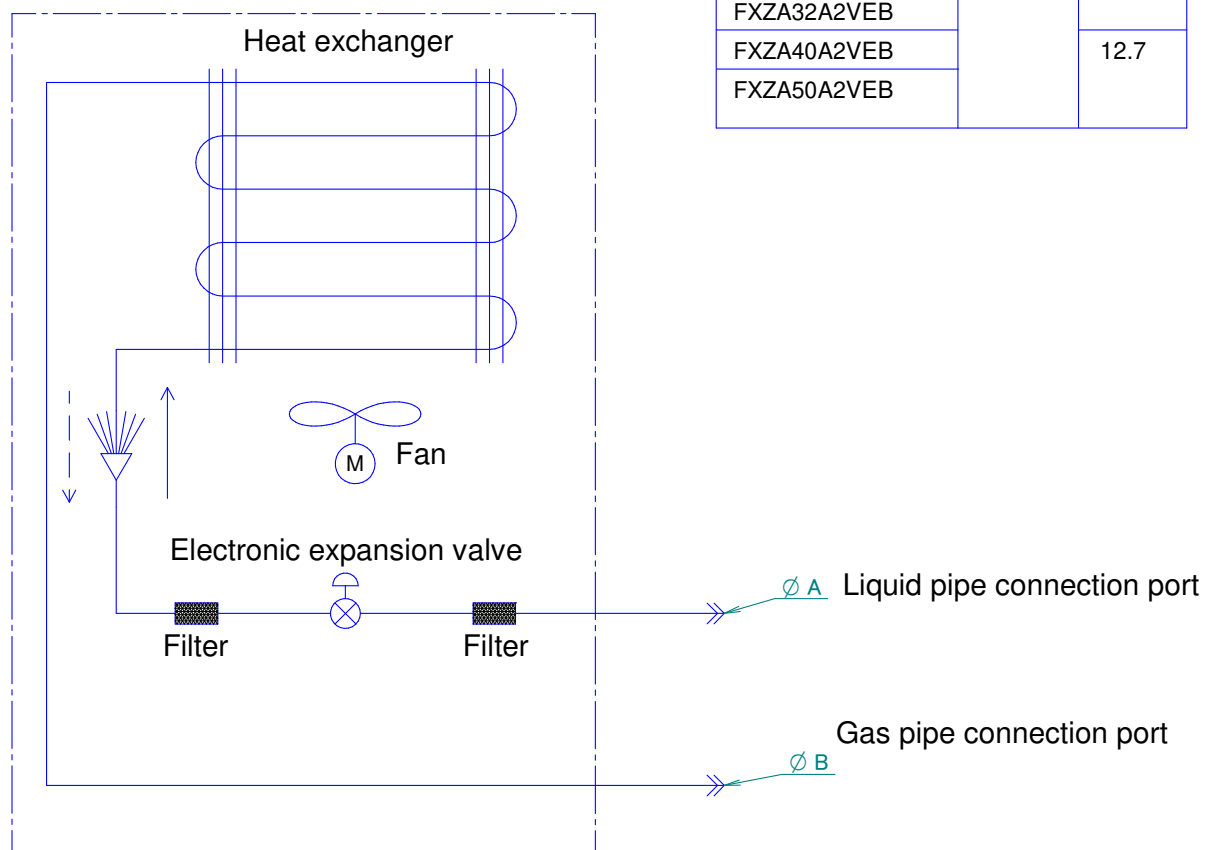
8 - 1 Piping Diagrams

8

FXZA-A

REFRIGERANT FLOW

COOLING →
HEATING - - - - ->

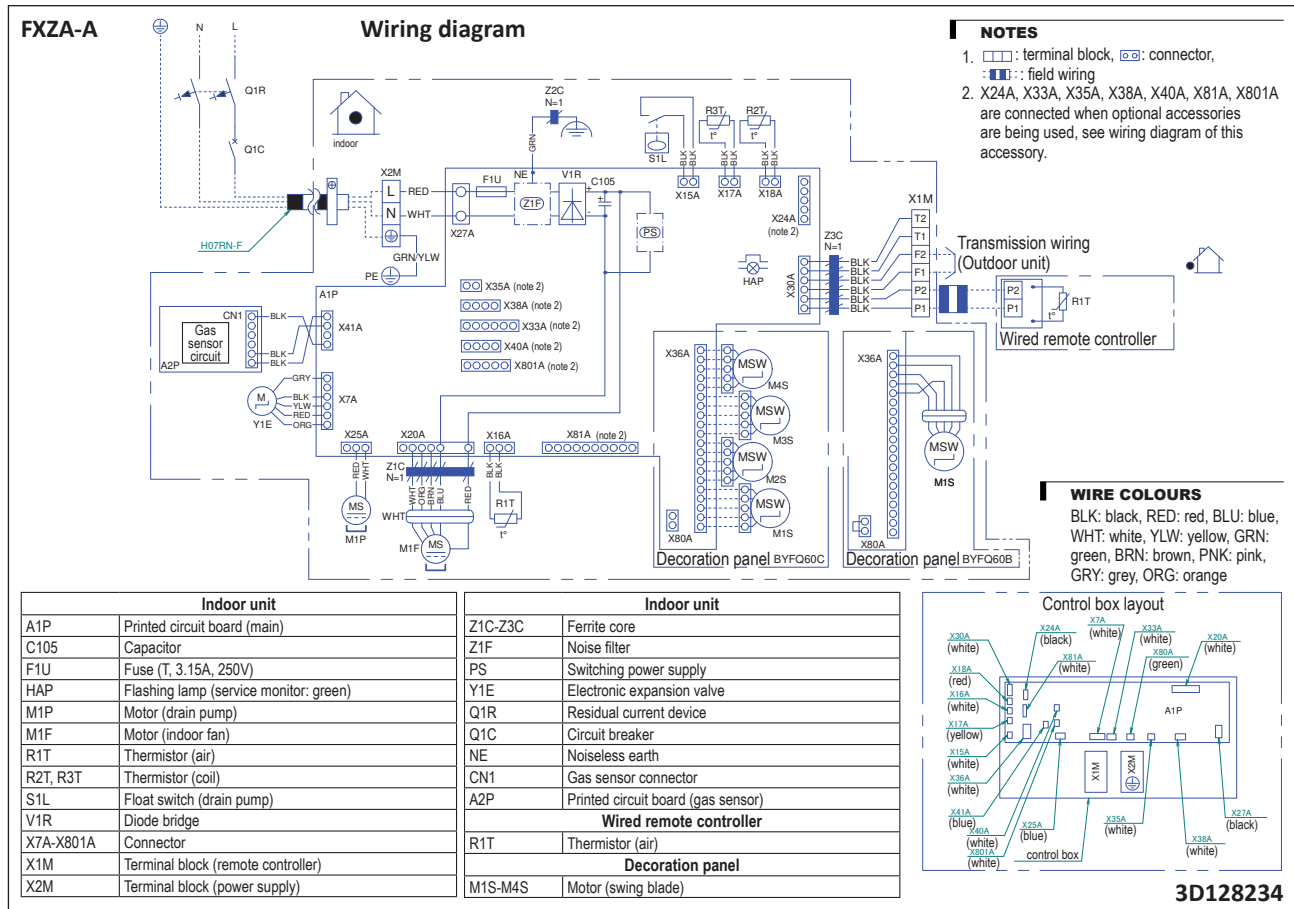


Model	A	B
FXZA15A2VEB	6.35	9.52
FXZA20A2VEB		
FXZA25A2VEB		12.7
FXZA32A2VEB		
FXZA40A2VEB	12.7	12.7
FXZA50A2VEB		

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9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase



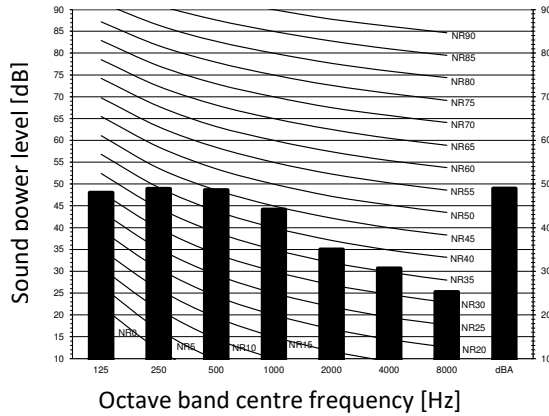
10 Sound data

10 - 1 Sound Power Spectrum

10

FXZA15-20A

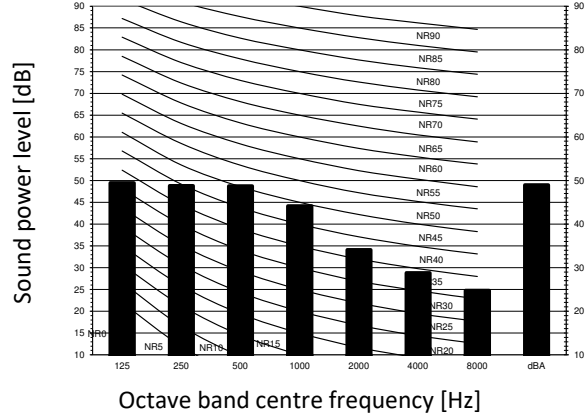
Cooling mode



Fan speed



Heating mode



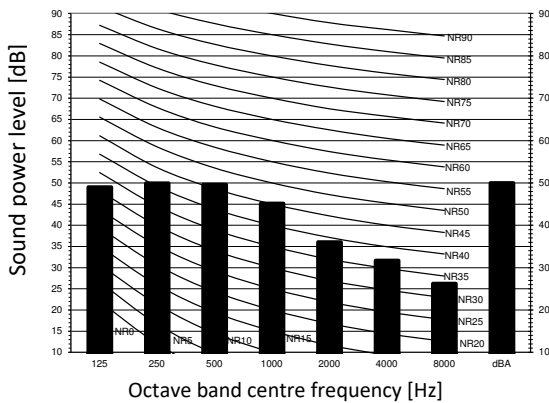
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = $\cdot 10E-6 \mu W$
3. Measured according to ISO 3744

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FXZA25A

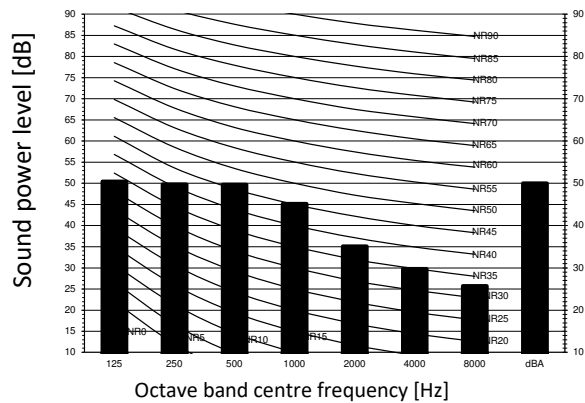
Cooling mode



Fan speed



Heating mode



Notes

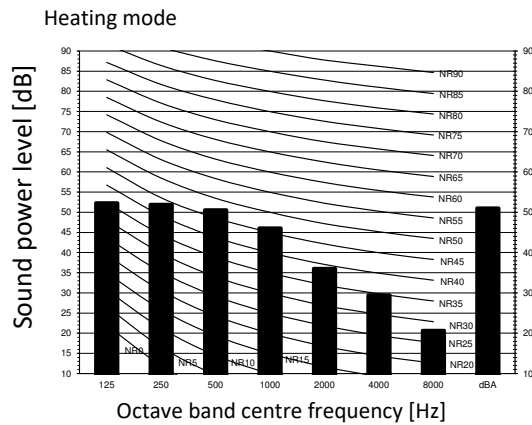
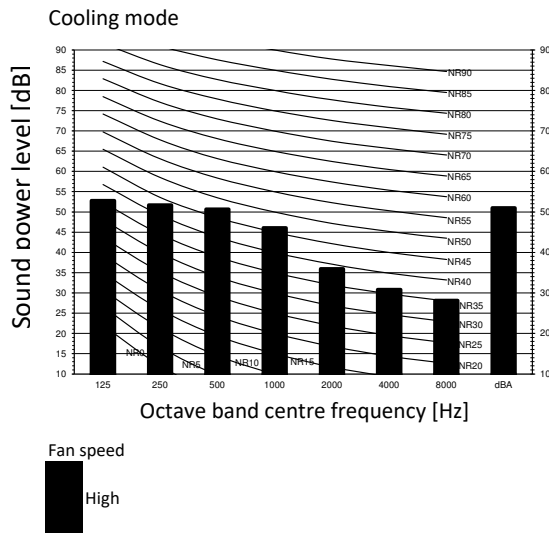
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = $\cdot 10E-6 \mu W$
3. Measured according to ISO 3744

3D131800

10 Sound data

10 - 1 Sound Power Spectrum

FXZA32A

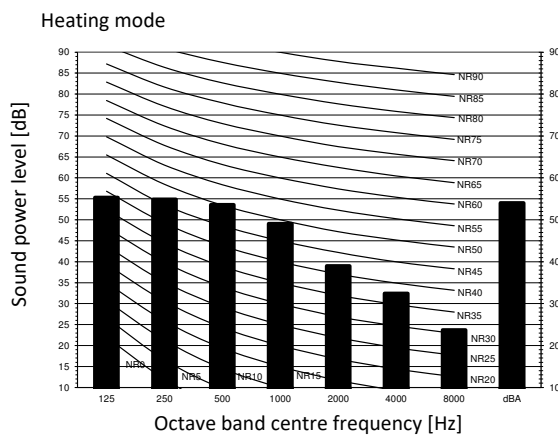
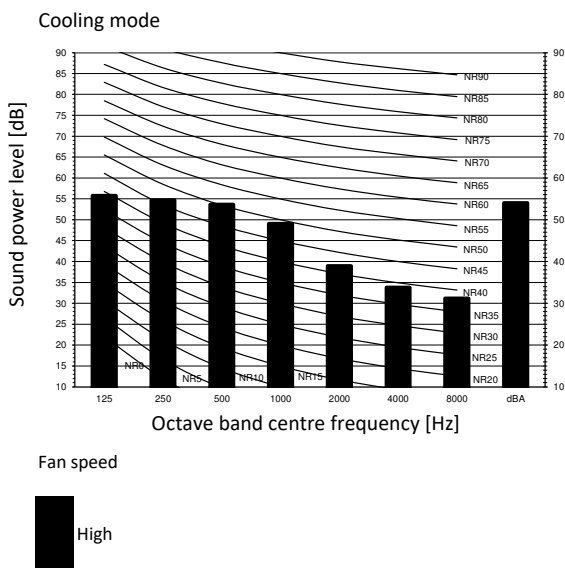


Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 10^{-6} W
3. Measured according to ISO 3744

3D131805

FXZA40A



Notes

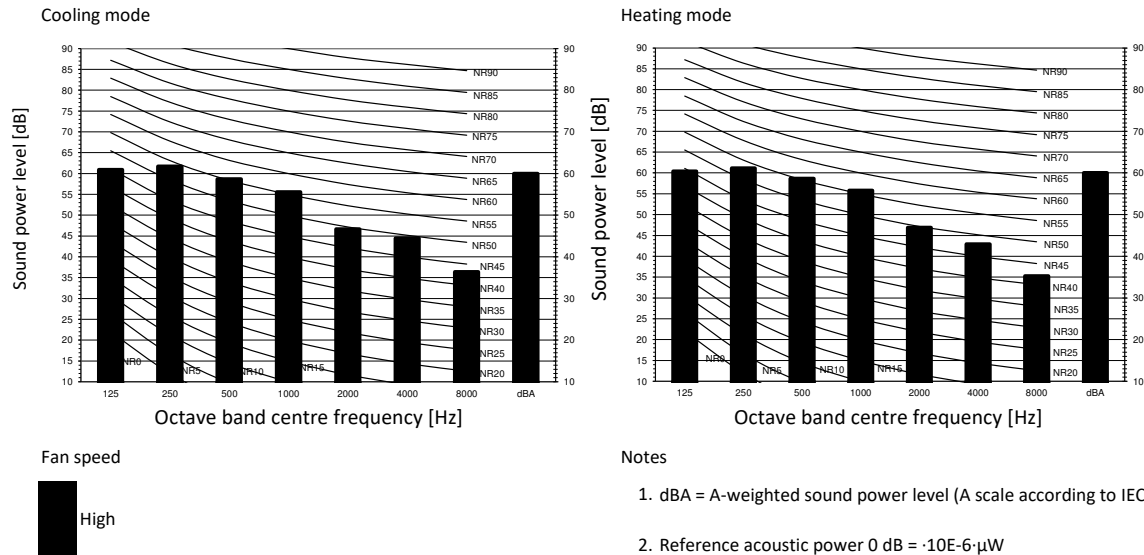
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 10^{-6} W
3. Measured according to ISO 3744

3D131806

10 Sound data

10 - 1 Sound Power Spectrum

FXZA50A



Notes

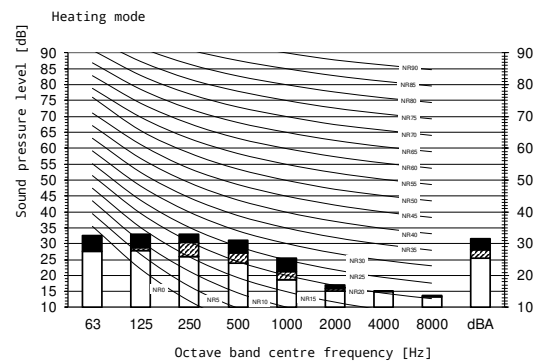
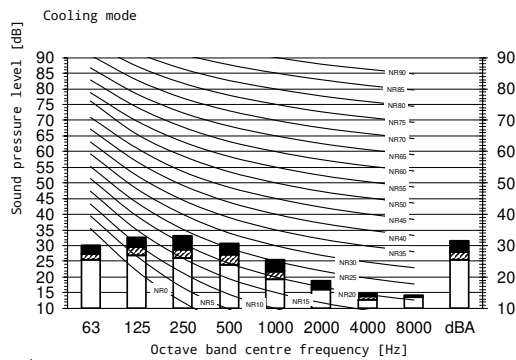
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 10^{-6} W
3. Measured according to ISO 3744

3D131808

10 Sound data

10 - 2 Sound Pressure Spectrum

FXZA15A



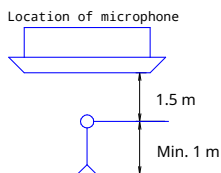
Legend

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

- A Scale
 B High
 C Medium
 D Low

Cooling		Total dBA	
A	B	C	D
dBA	31.5	28.0	25.5

Heating		Total dBA	
A	B	C	D
dBA	31.5	28.0	25.5



Notes

- 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

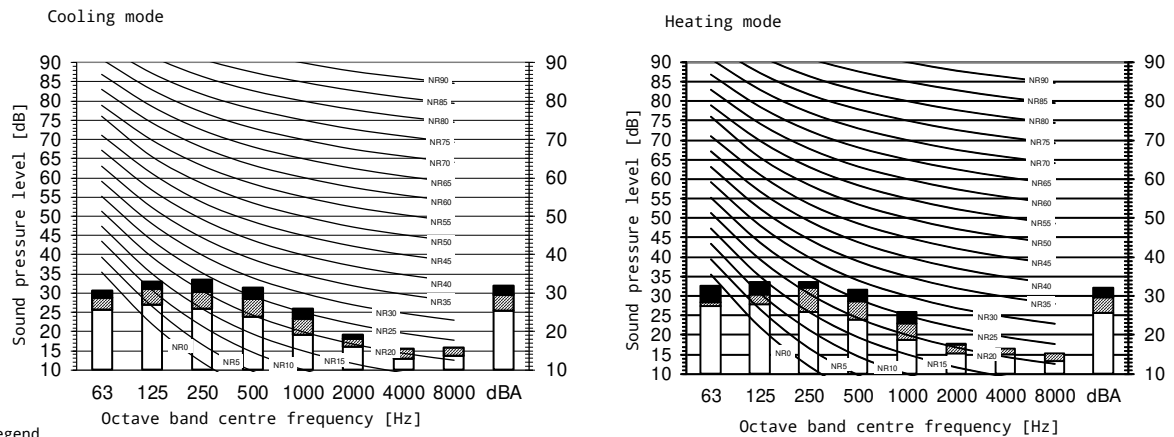
3D129007

10 Sound data

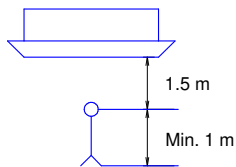
10 - 2 Sound Pressure Spectrum

10

FXZA20A



Location of microphone



Notes

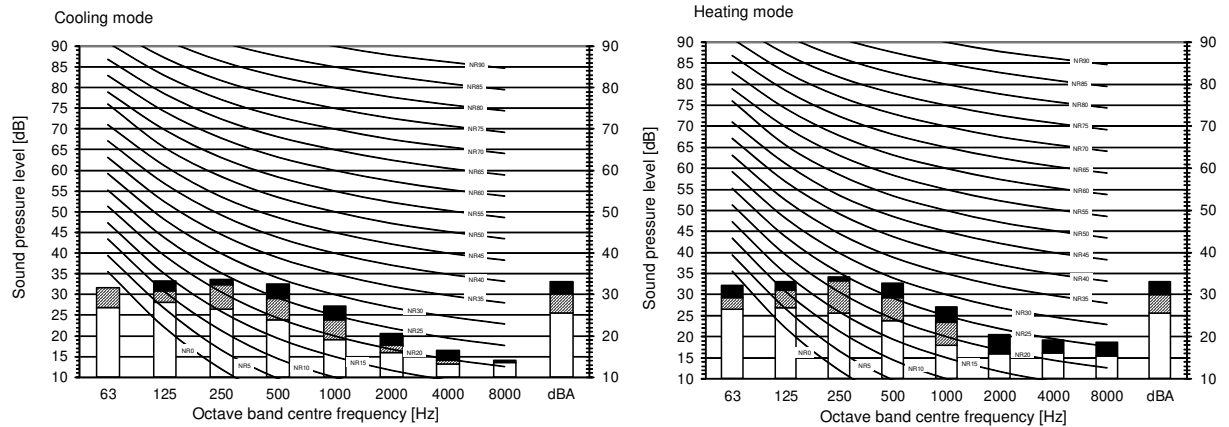
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic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

3D082566B

10 Sound data

10 - 2 Sound Pressure Spectrum

FXZA25A



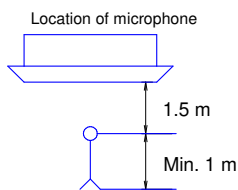
Legend

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

- A Scale
 B High
 C Medium
 D Low

Cooling	Total dBA			
A	B	C	D	
dBA	33.0	30.0	25.5	

Heating	Total dBA			
A	B	C	D	
dBA	33.0	30.0	25.5	



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

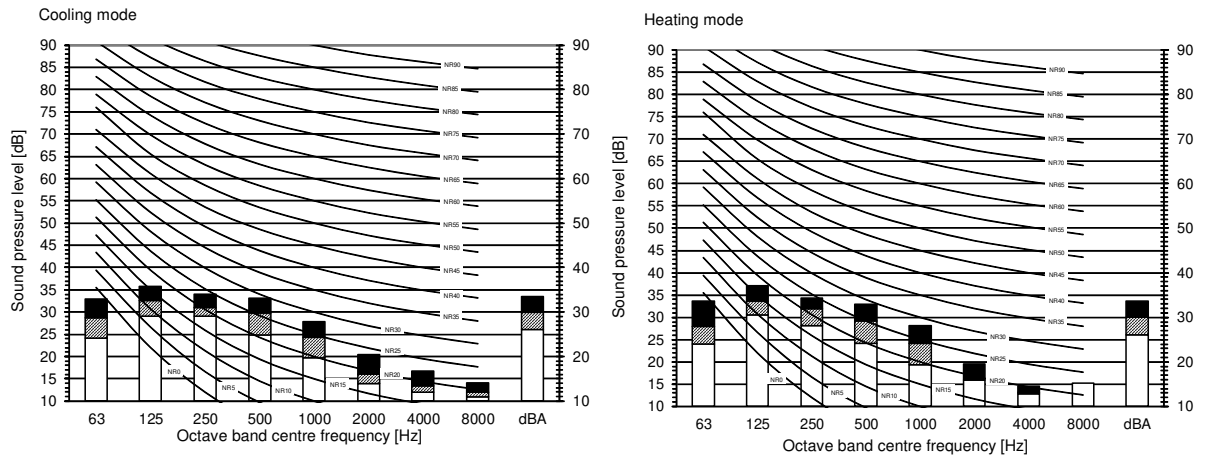
3D082567B

10 Sound data

10 - 2 Sound Pressure Spectrum

10

FXZA32A



Notes

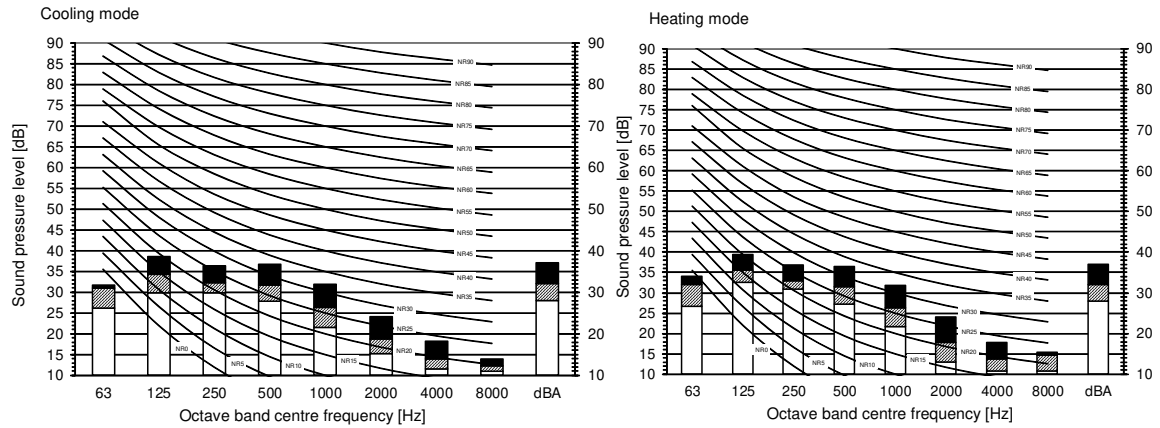
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic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

3D082568B

10 Sound data

10 - 2 Sound Pressure Spectrum

FXZA40A

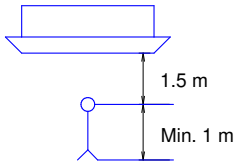


Legend

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

- A Scale
B High
C Medium
D Low

Location of microphone



Cooling

A	B	C	D
dBA	37.0	32.0	28.0

Total dBA

Heating

A	B	C	D
dBA	37.0	32.0	28.0

Total dBA

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

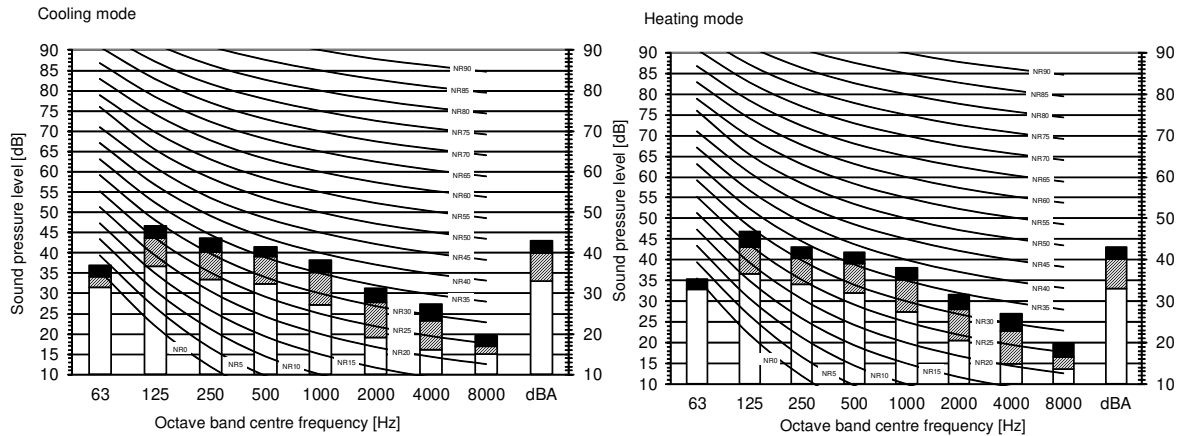
3D082569B

10 Sound data

10 - 2 Sound Pressure Spectrum

10

FXZA50A



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

3D082570B

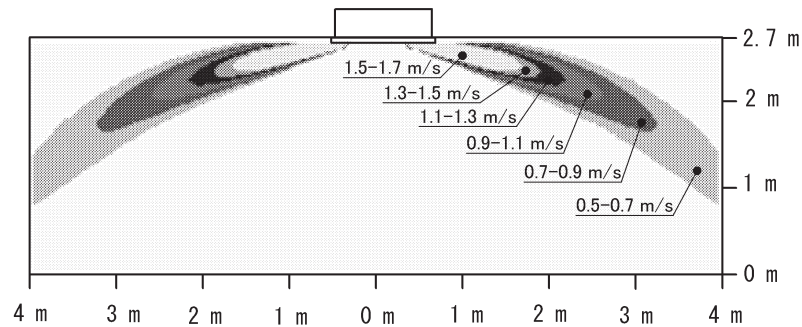
11 Air flow patterns

11 - 1 Air Flow Pattern - Cooling

FXZA15A

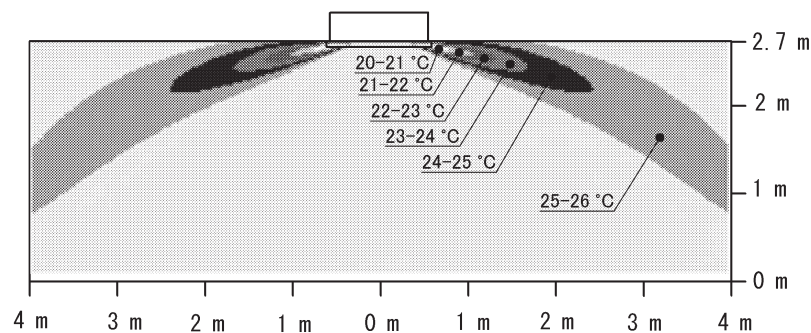
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

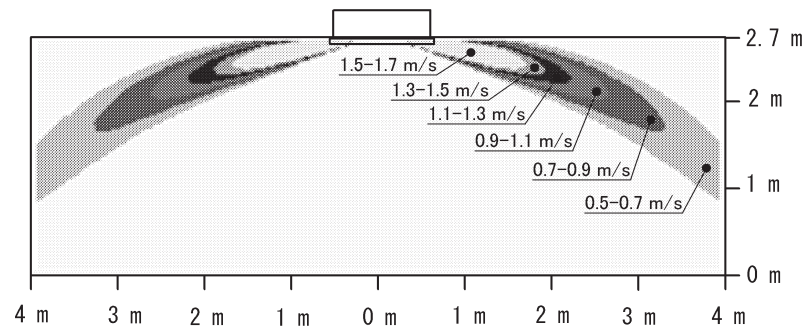


4D083823

FXZA20A

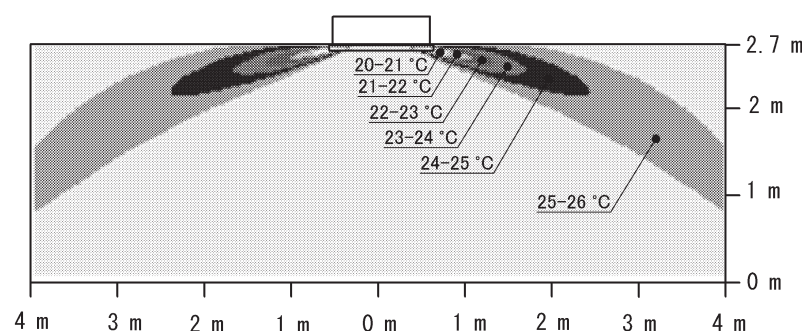
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083824

11 Air flow patterns

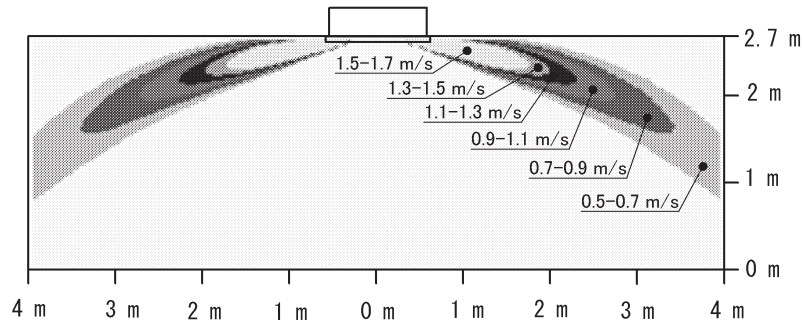
11 - 1 Air Flow Pattern - Cooling

11

FXZA25A

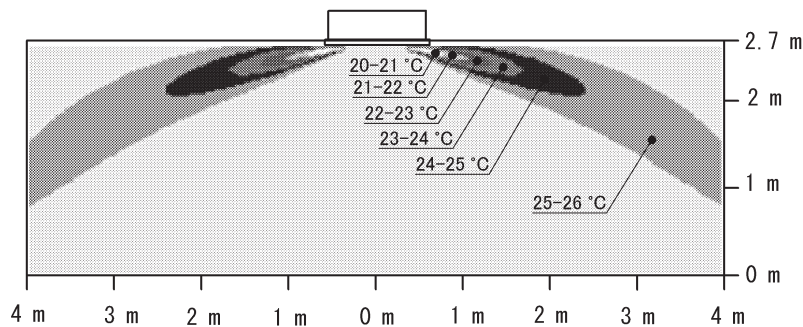
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

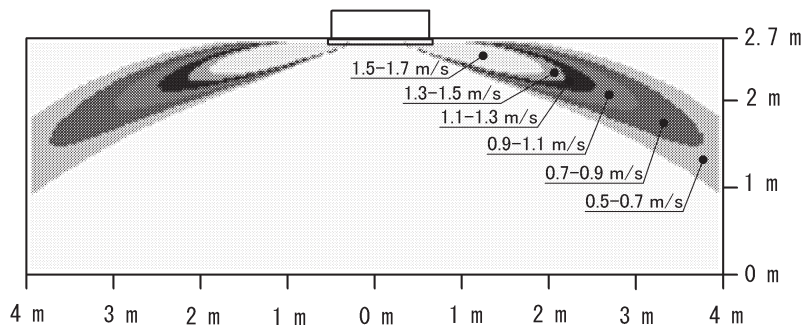


4D083825

FXZA32A

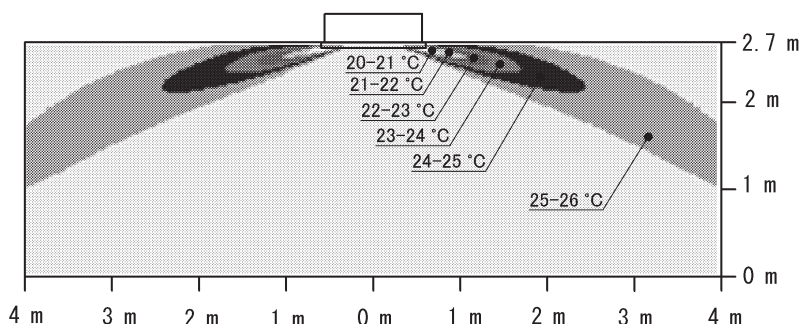
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083826

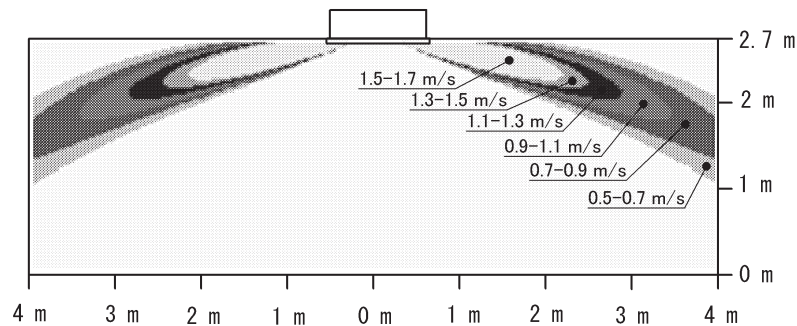
11 Air flow patterns

11 - 1 Air Flow Pattern - Cooling

FXZA40A

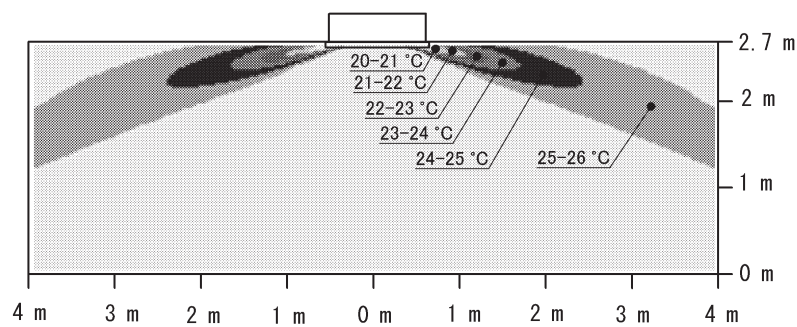
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

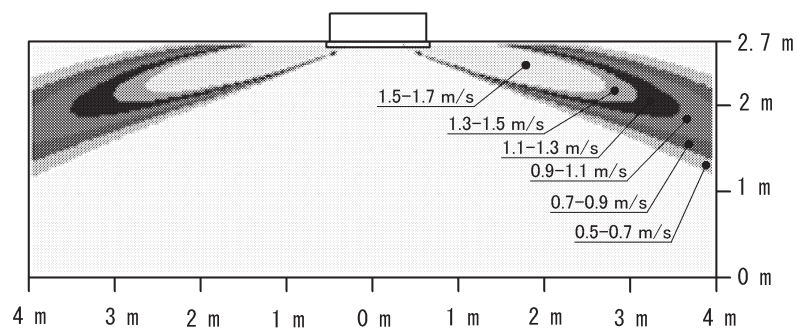


4D083827

FXZA50A

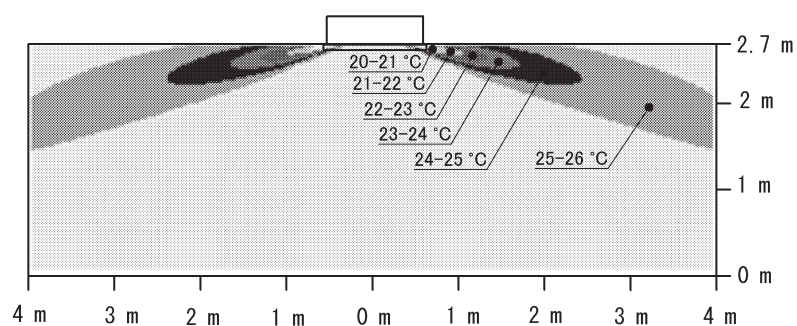
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083828

11 Air flow patterns

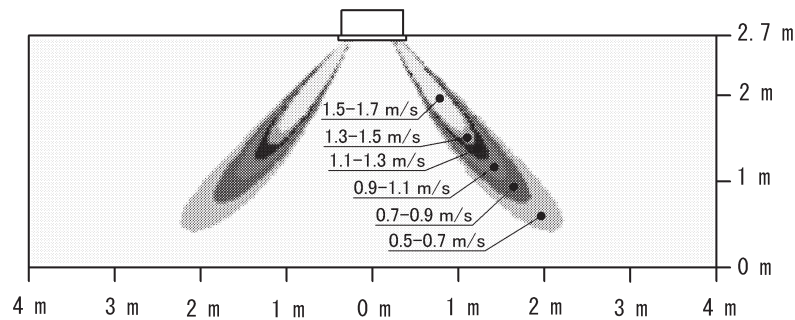
11 - 2 Air Flow Pattern - Heating

11

FXZA15A

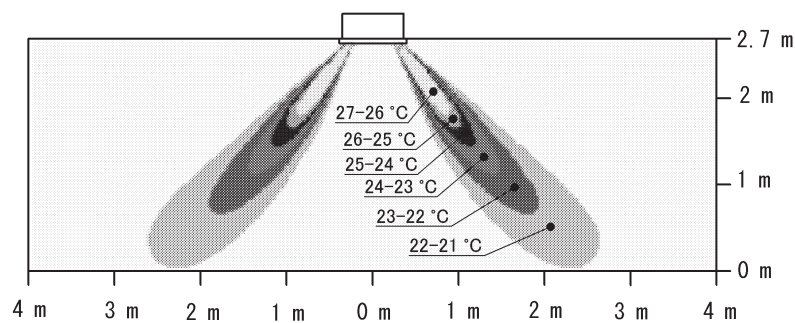
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

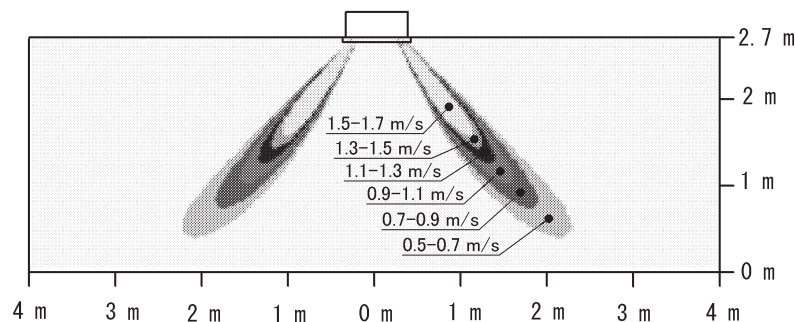


4D083833

FXZA20A

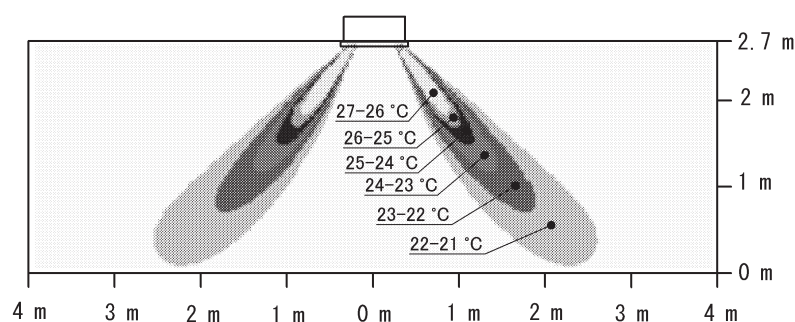
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083834

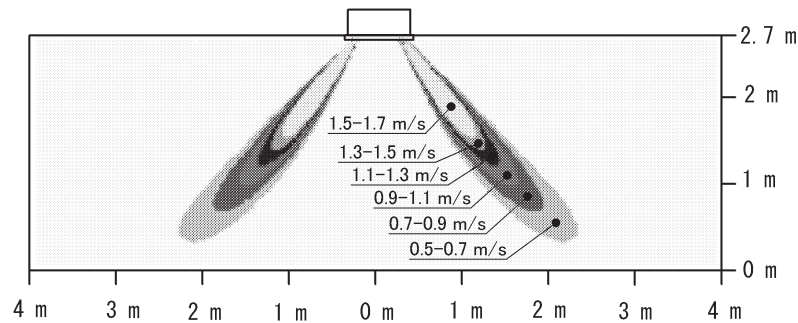
11 Air flow patterns

11 - 2 Air Flow Pattern - Heating

FXZA25A

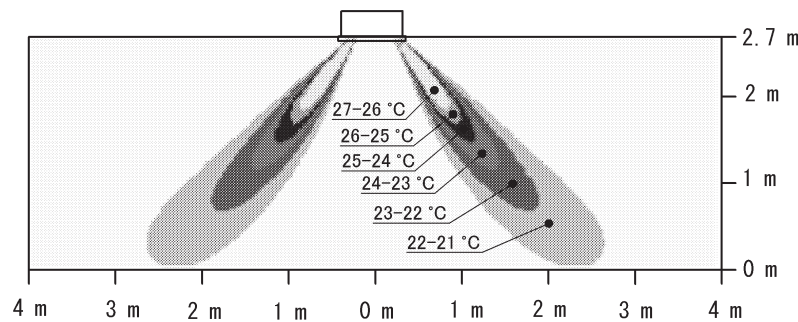
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

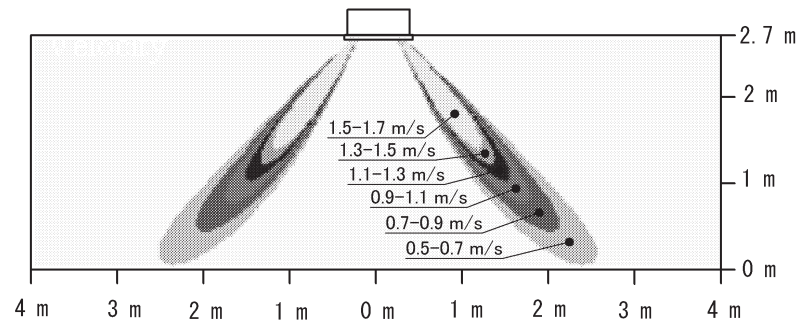


4D083835

FXZA32A

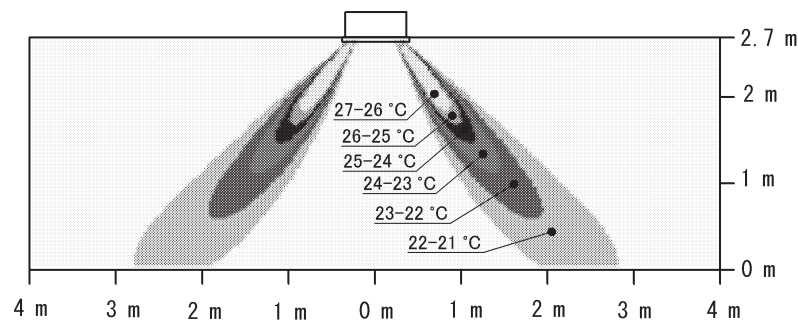
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083836

11 Air flow patterns

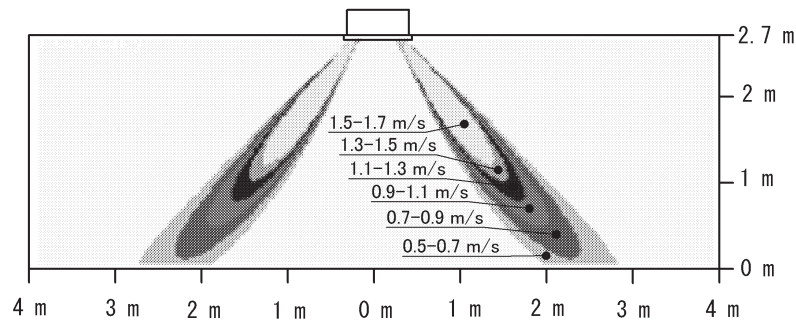
11 - 2 Air Flow Pattern - Heating

11

FXZA40A

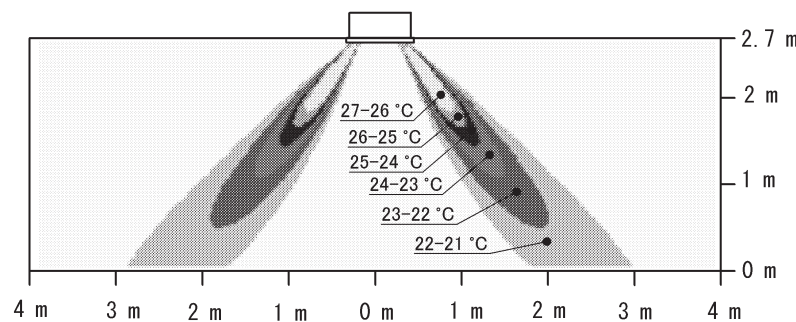
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

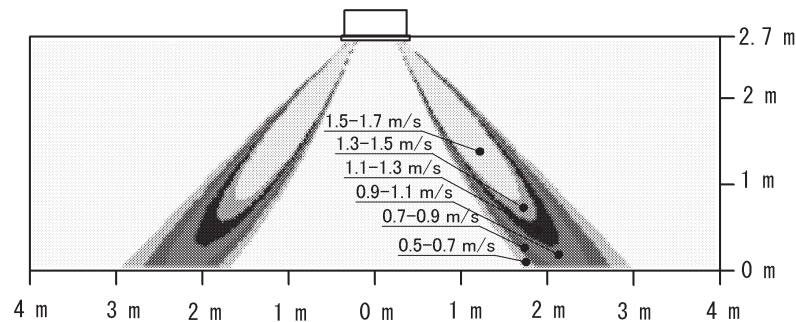


4D083837

FXZA50A

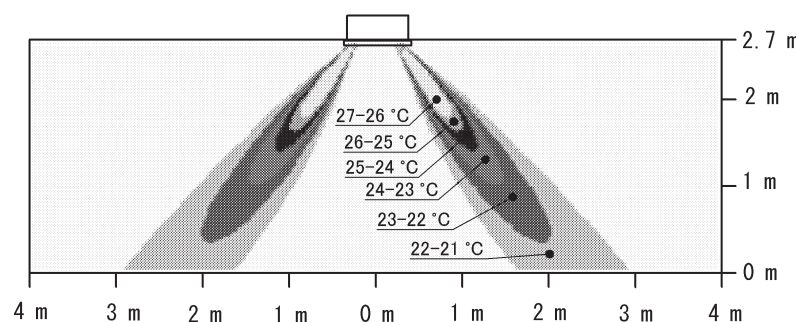
Heating air velocity distribution

All round air discharge, air flow direction: horizontal

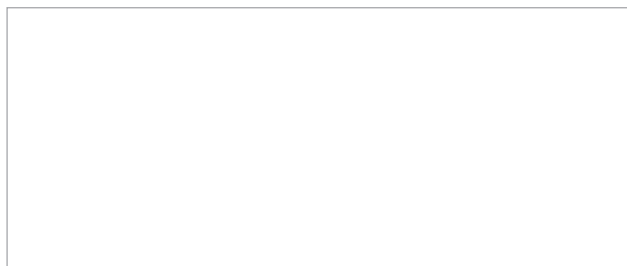


Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083838



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04/2026



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