DAIKIN

Air Conditioning

Technical Data

Round flow cassette

EEDEN13-100

FCQG-F

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FCQG-F

1 Features

- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners
- 360º air discharge ensures uniform air flow and temperature distribution
- Modern style decoration panel is available in 3 different variations: pure white (RAL9010) auto cleaning panel, pure white (RAL9010) standard panel with grey louvers and pure white (RAL9010) standard panel with white louvers
- Daikin introduces first auto cleaning cassette to European market.
- Higher efficiency and comfort thanks to daily auto cleaning of the filter.
- Lower maintenance costs thanks to auto cleaning function.
- Easy dust removal with vacuum cleaner without opening the unit.
- The presence sensor (optional) : - adjusts the temperature or switches off the unit when there is nobody in the room - ensures the air flow is directed away from any person detected in the room, when the air flow control is activated
- The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one flap can be easily closed via the wired remote control (BRC1E52) in case you would refurbish or rearrange your interior
- Fresh air intake: up to 20 %
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.








3 steps









2 Specifications

2-1 Technical Specifications					FCQG35F	FCQG50F	FCQG60F	FCQG71F	FCQG100F	FCQG125F	FCQG140F
Casing	Material				Galvanised steel plate						
Dimensions	Unit	Height/Width/Depth		mm	204/840/840				246/840/840		
	Packed unit	Height/Width/Depth		mm	220/880/880				260/880/880		
Weight	Unit			kg	18	19		21	24		
	Packed unit			kg	22	23		25	28		
Decoration panel	Model				BYCQ140D7W1						
	Colour				Pure White (RAL 9010)						
	Dimensions	Height/Width/Depth		mm	60/950/950						
	Weight			kg	5.4						
Decoration panel 2	Model				BYCQ140D7W1W						
	Colour				Pure White (RAL 9010)						
	Dimensions	Depth/Height/Width		mm	950/60/950						
	Weight			kg	5.4						
Decoration panel 3	Model				BYCQ140D7GW1						
	Colour				Pure White (RAL 9010)						
	Dimensions	Height/Width/Depth		mm	145/950/950						
	Weight			kg	10.3						
Heat exchanger	Inside length			mm	2,134			2,090			
	Outside length			mm	2,181			2,184			
	Rows	Quantity			2			3			
	Fin pitch			mm	1.2						
	Passes	Quantity			4	6		12	14		
	Face area			m²	0.278	0.366		0.371	0.464		
	Stages	Quantity			9	12			15		
	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	Cooling	High	m³/min	12.5	12.6	13.6	15.0	22.8	26.0	
			Nom.	m³/min	10.6	10.7	11.2	12.1	17.6	19.2	
			Low	m³/min	8.7			9.1	12.4		
		Heating	High	m³/min	12.5	12.6	13.6	15.0	22.8	26.0	
			Nom.	m³/min	10.6	10.7	11.2	12.1	17.6	19.2	
			Low	m³/min	8.7			9.1	12.4		
Fan motor	Model				QTS48D11M				QTS48C15M		
	Speed	Steps			3						
	Output	High		W	48				106		
Sound power level	Cooling	High		dBA	49		51		54	58	
	Heating	High		dBA	49		51		54	58	
Sound pressure level	Cooling	High/Nom./Low		dBA	31/29/27		33/31/28		37/33/29	41/35/29	
	Heating	Super high/High/Nom./Low		dBA	-/31/29/27		-/33/31/28		-/37/33/29	-/41/35/29	
Refrigerant	Type				R-410A						
Piping connections	Sound absorbing insulation				Foamed Polyurethane						
	Liquid	Type/OD		mm	Flare connection/6.35			Flare connection/9.52			
	Gas	Type/OD		mm	Flare connection/9.52	Flare connection/12.7		Flare connection/15.9			
	Drain				VP25 (O.D. 32 / I.D. 25)						
	Heat insulation				Foamed polystyrene / Foamed polyethylene						
Air filter	Type				Resin net with mold resistance						

2 Specifications

Standard Accessories : Clamps;
Standard Accessories : Drain sealing pad;
Standard Accessories : Sealing pads; Quantity : 4;
Standard Accessories : Insulation for fitting; Quantity : 2;
Standard Accessories : Installation guide;
Standard Accessories : Screws;
Standard Accessories : Washer for hanger bracket;
Standard Accessories : Clamp for drain hose;
Standard Accessories : Drain hose;
Standard Accessories : Installation manual;
Standard Accessories : Operation manual;

2-2 Electrical Specifications			FCQG35F	FCQG50F	FCQG60F	FCQG71F	FCQG100F	FCQG125F	FCQG140F
Power supply	Name		VE						
	Phase		1~						
	Frequency	Hz	50						
	Voltage	V	220-240						

Notes

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

(2) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.

(3) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.

3 Electrical data

3 - 1 Electrical Data

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Unit combination		Power supply				Compressor	OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA
FCQG35FVEB	RKS35J2V1B RXS35J2V1B RXS35K2V1B	50-220 50-230 50-240	Max. 50Hz-253V Min. 50Hz-207V	9,75	10	7,1 3,9 3,7	0,023	0,23	0,048	0,30
FCQG50FVEB	RKS50J2V1B RXS50J2V1B RXS50K2V1B	50-220 50-230 50-240		19,75	20	6,0 5,7 3,4	0,053	0,27	0,048	0,30
FCQG60FVEB	RKS60F3V1B RXS60F3V1B RXS60F4V1B	50-220 50-230 50-240		19,75	20	7,4 7,1 6,8	0,053	0,19	0,048	0,30
FCQG71FVEB	REQ71B8V3B	50-230		16,30	32	12,2	0,065	0,6	0,106	0,40
FCQG71FVEB	RR71B8V3B	50-230		16,30	32	12,2	0,065	0,6	0,106	0,40
FCQG35FVEB x2	RR71B8V3B	50-230		16,50	32	12,2	0,065	0,6	0,048 x2	0,3 x2
FCQG71FVEB	RQ71B8V3B	50-230		16,30	32	12,2	0,065	0,6	0,106	0,40
FCQG35FVEB x2	RQ71B8V3B	50-230		16,50	32	12,2	0,065	0,6	0,048 x2	0,3 x2
FCQG100FVEB	REQ100B8V3B	50-230		23,50	40	17,6	0,09	0,8	0,106	0,70
FCQG100FVEB	RR100B8V3B	50-230		23,50	40	-	0,09	0,8	0,106	0,70
FCQG35FVEB x3	RR100B8V3B	50-230		24,00	40	-	0,09	0,8	0,048 x3	0,3 x3
FCQG50FVEB x2	RR100B8V3B	50-230		23,50	40	-	0,09	0,8	0,048 x2	0,3 x2
FCQG100FVEB	RQ100B8V3B	50-230		23,50	40	17,6	0,09	0,8	0,106	0,70
FCQG35FVEB x3	RQ100B8V3B	50-230		24,00	40	17,6	0,09	0,8	0,048 x3	0,3 x3
FCQG50FVEB x2	RQ100B8V3B	50-230		23,50	40	17,6	0,09	0,8	0,048 x2	0,3 x2
FCQG71FVEB	REQ71B8W1B	50-400	Max. 50Hz-440V Min. 50Hz-360V	6,80	16	4,8	0,065	0,6	0,106	0,20
FCQG71FVEB	RR71B8W1B	50-400		7,00	16	4,8	0,065	0,6	0,106	0,40
FCQG35FVEB x2	RR71B8W1B	50-400		7,20	16	4,8	0,065	0,6	0,048 x2	0,3 x2
FCQG71FVEB	RQ71B8W1B	50-400		7,00	16	4,8	0,065	0,6	0,106	0,40
FCQG35FVEB x2	RQ71B8W1B	50-400		7,20	16	4,8	0,065	0,6	0,048 x2	0,3 x2
FCQG100FVEB	REQ100B8W1B	50-400		8,90	16	5,9	0,09	0,8	0,106	0,70
FCQG100FVEB	RR100B8W1B	50-400		8,90	16	-	0,09	0,8	0,106	0,70
FCQG35FVEB x3	RR100B8W1B	50-400		9,10	16	-	0,09	0,8	0,048 x3	0,3 x3
FCQG50FVEB x2	RR100B8W1B	50-400		8,80	16	-	0,09	0,8	0,048 x2	0,3 x2
FCQG100FVEB	RQ100B8W1B	50-400		8,90	16	5,9	0,09	0,8	0,106	0,70
FCQG35FVEB x3	RQ100B8W1B	50-400		9,10	16	5,9	0,09	0,8	0,048 x3	0,3 x3
FCQG50FVEB x2	RQ100B8W1B	50-400		8,80	16	5,9	0,09	0,8	0,048 x2	0,3 x2
FCQG125FVEB	REQ125B8W1B	50-400		12,40	20	8,1	0,065 +0,085	0,6+ 0,7	0,106	1,00
FCQG125FVEB	RR125B8W1B	50-400		11,90	20	7,7	0,065 +0,085	0,6+ 0,7	0,106	1,00
FCQG50FVEB x3	RR125B8W1B	50-400		11,90	20	7,7	0,065 +0,085	0,6+ 0,7	0,048 x3	0,3 x3
FCQG60FVEB x2	RR125B8W1B	50-400		11,90	20	7,7	0,065 +0,085	0,6+ 0,7	0,048 x2	0,3 x2

SYMBOLS

MCA : Min. Circuit Amps.
MFA : Max. Fuse Amps (See note 6)
RLA : Rated Load Amps
OFM : Outdoor Fan Motor.
IFM : Indoor Fan Motor.
FLA : Full Load Amps.
kW : Fan Motor Rated Output

NOTES

1 RLA is based on the following conditions:
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temperature 35.0°CDB
2 Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
3 Maximum allowable voltage variation between phases is 2%.
4 MCA/MFA
MCA = 1.25 x RLA + all FLA, MFA = < 2.25 x RLA + all FLA (next lower standard fuse rating Min. 16A)
5 Select wire size based on the larger value of MCA.
6 Instead of fuse, use circuit breaker.

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4 Safety device settings

4 - 1 Safety Device Settings

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Safety devices		FCQG35FVEB	FCQG50FVEB	FCQG60FVEB	FCQG71FVEB	FCQG100FVEB	FCQG125FVEB	FCQG140FVEB
Fuse		250V 5A	250V 5A	250V 5A	---	---	---	---
Fan motor thermal fuse	°C	---	---	---	---	---	---	---
Fan motor thermal protector	°C	---	---	---	---	---	---	---
Drain pump fuse	°C	---	---	---	---	---	---	---

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5 Options

5 - 1 Options

FCQG-F

OPTIONS

	Item	Model		FCQG35FVEB	FCQG50FVEB	FCQG60FVEB	FCQG71FVEB	FCQG100FVEB	FCQG125FVEB	FCQG140FVEB
1	Decoration panel	Standard		BYCQ140D7W1						
		White		BYCQ140D7W1W *3						
		Self clean		BYCQ140D7GW1 *5, *6						
2	Long life replacement filter		Non-woven type	KAFP551K160						
3	Fresh air intake kit (20% fresh air)		Chamber type	KDDQ55B140 *7						
4	Sealing member of air discharge outlet			KDBHQ55B140 *7						
5	Sensor kit			BRYQ140A7						

CONTROL SYSTEM

	Item	Model		FCQG35FVEB	FCQG50FVEB	FCQG60FVEB	FCQG71FVEB	FCQG100FVEB	FCQG125FVEB	FCQG140FVEB
1	Remote controller	Infrared	H/P	BRC7FA532F *7						
		Wired		BRC1D528 *4						
				BRC1E51A *4						
				BRC1E52A / BRC1E52B						
2-1	Wiring adapter for electrical appendices (1)			KRP1BA57 *2 *7						
2-2	Wiring adapter for electrical appendices (2)			KRP4AA53 *2 *7						
2-3	Wiring adapter (hour meter)			EKRP1C11 *2 *7						
3	Remote sensor			KRCS01-4B						
4	Installation box for adapter PCB			KRP1H98 *7						
5	Central remote controller			DCS302CA51						
6	Unified ON/OFF controller			DCS301BA51						
7	Electrical box with earth terminal (2 blocks)			KJB212AA						
8	Electrical box with earth terminal (3 blocks)			KJB311AA						
9	Schedule timer			DST301BA51						
10	Remote On/Off			EKRORO2						

1 All options are supplied as kit.
*2 Installation box is necessary for these adapters.
*3 The BYCQ140D7W1W has white insulations.
Be informed that formation of dirt on white insulations is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.
*4 Not recommended because of the limitation of the functions.
5 To be able to control the BYCQ140D7GW1 the controller BRC1E is needed.
*6 The BYCQ140D7GW1 is not compatible with Mini-VRV, Multi and Split Non-Inverter Outdoor units.
*7 Option not available in combination with BYCQ140D7GW1.

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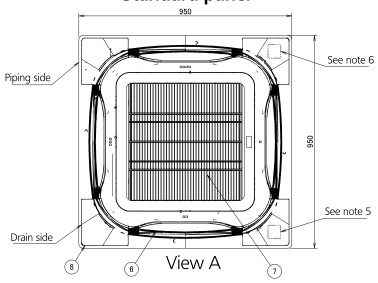
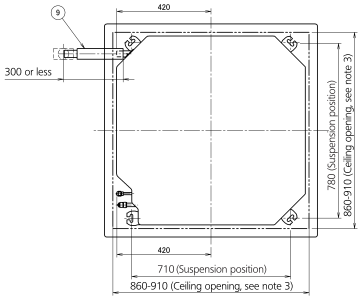
6 Dimensional drawings

6 - 1 Dimensional Drawings

FCQG-F

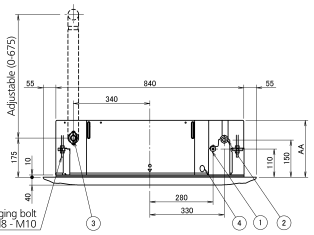
Standard panel

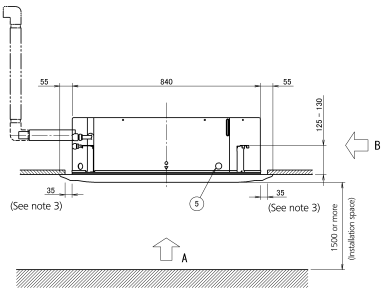


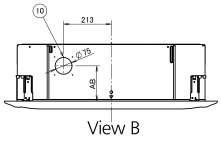


1 Liquid pipe connection
2 Gas pipe connection
3 Drain pipe connection
4 Power supply entry hole
5 Transmission wiring entry hole
6 Air discharge opening
7 Air suction grille
8 Corner decoration cover
9 Drain hose
10 Knock out hole

AA	AB	Model
204	140	FCQG35-71FVEB
246	180	FCQG100-140FVEB



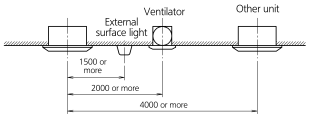


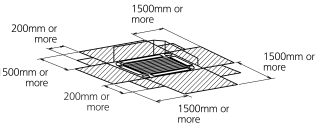


Notes:

1. Location of the nameplates:
   - Unit body: on the control box cover.
   - Decoration panel: on the panel frame at the piping side under the corner cover.
2. When installing an optional accessory, refer to the installation drawings.
   - For fresh air intake kit an inspection part is necessary.
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.
4. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10 mm or more).
5. In case of using a sensor kit, this position will be a sensor, refer to the drawing of the sensor kit for more detail.
6. In case of using a infrared controller, this position will be a receiver, refer to the drawing of the infrared controller for more detail.

5. Please respect the distances as shown on figure.





Required space

In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

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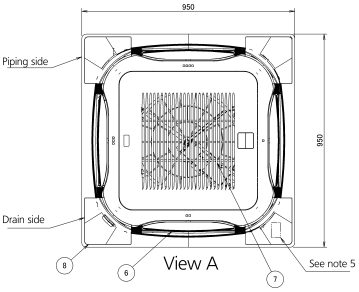
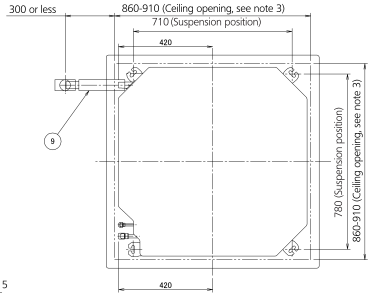
FCQG-F

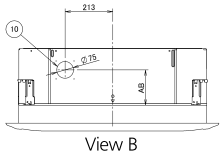
Auto cleaning panel

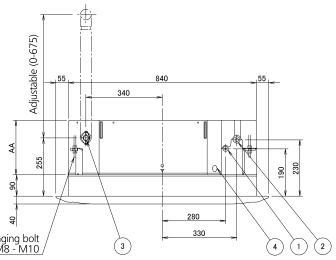


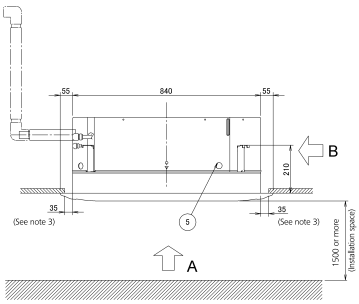


AA	AB	Model
204	140	FCQG35-71FVEB
246	180	FCQG100-140FVEB

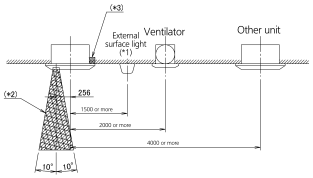
1 Liquid pipe connection
2 Gas pipe connection
3 Drain pipe connection
4 Power supply entry hole
5 Transmission wiring entry hole
6 Air discharge opening
7 Air suction grille
8 Corner decoration cover
9 Drain hose
10 Knock out hole







6. Please respect the distances as shown on figure below.

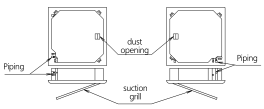


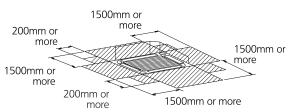
(1*) Does not count for build in light.
(2*) Space needed to enter with vacuum-cleaner tube.
(3*) Keep the exhaust of decoration panel free.

Notes:

1. Location of the nameplates:
   - Unit body: on the control box cover.
   - Decoration panel: on the panel frame at the piping side under the corner cover.
2. When installing an optional accessory, refer to the installation drawings.
   - For fresh air intake kit an inspection port is necessary.
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.
4. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10 mm or more).
5. In case of using a sensor kit, this position will be a sensor, refer to the drawing of the sensor kit for more detail.

5. Installation direction





Required space

In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

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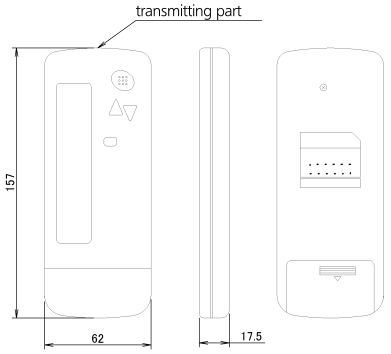
6 Dimensional drawings

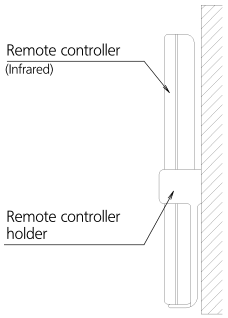
6 - 2 Dimensional Drawings with Accessories

FCQG-F

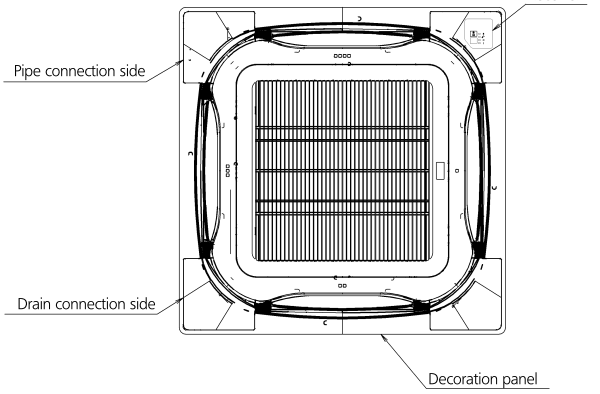
Remote controller dimensions



Remote controller holder Installation procedure
(Installation to wall surface)



Receiver detail



Sensor kit	Decoration panel
BRC7FA532F	BYCQ140D7W1(W)

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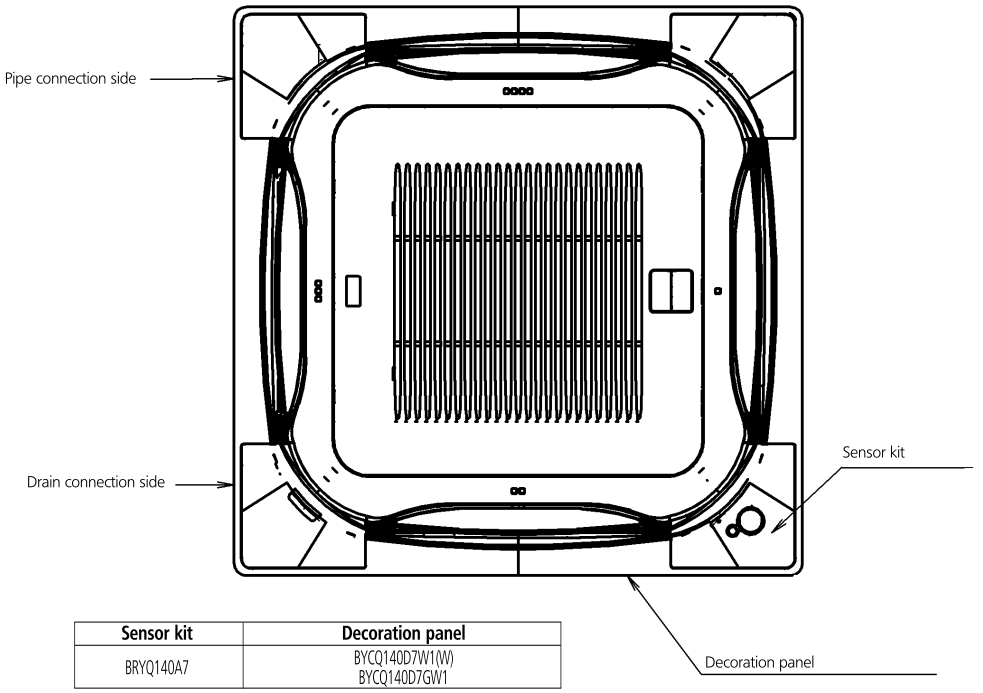
FCQG-F

Sensor kit installation procedure



Sensor kit	Decoration panel
BRYQ140A7	BYCQ140D7W1(W) BYCQ140D7GW1

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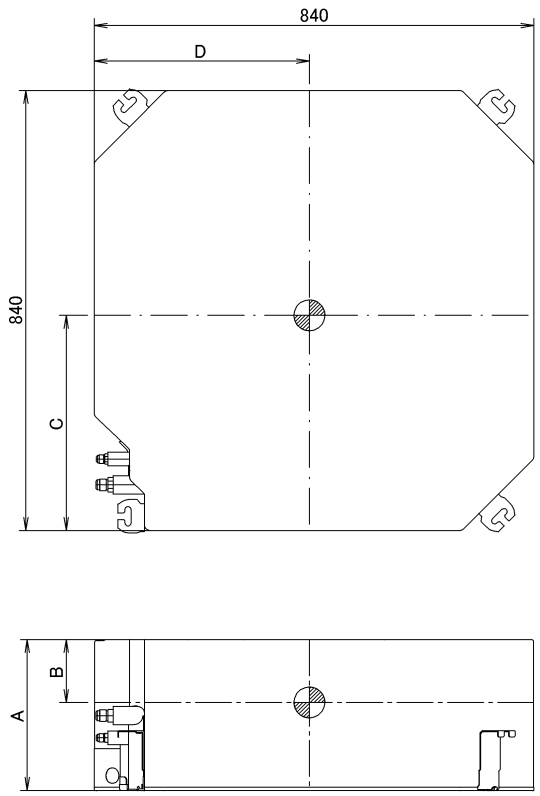
7 Centre of gravity

7 - 1 Centre of Gravity

FCQG-F



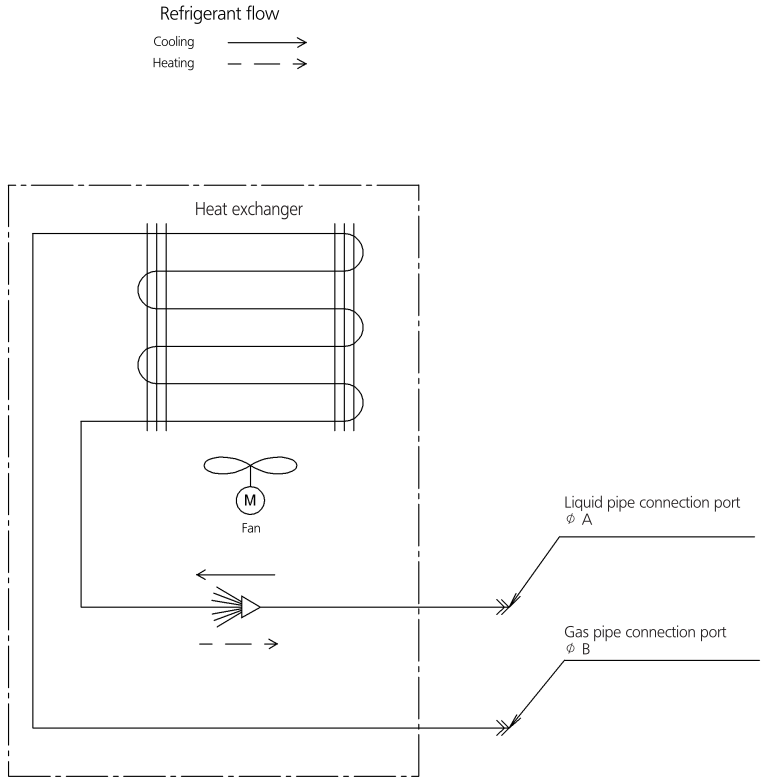
Model	A	B	C	D
FCQG35~71FVEB	204	60	409	358
FCQG100~140FVEB	246	90	411	411

4D077032

8 Piping diagrams

8 - 1 Piping Diagrams

FCQG-F



Model	A	B
FCQG35FVEB	6.35	9.52
FCQG50FVEB		12.7
FCQG60FVEB		
FCQG71FVEB	9.52	15.9
FCQG100FVEB		
FCQG125FVEB		
FCQG140FVEB		

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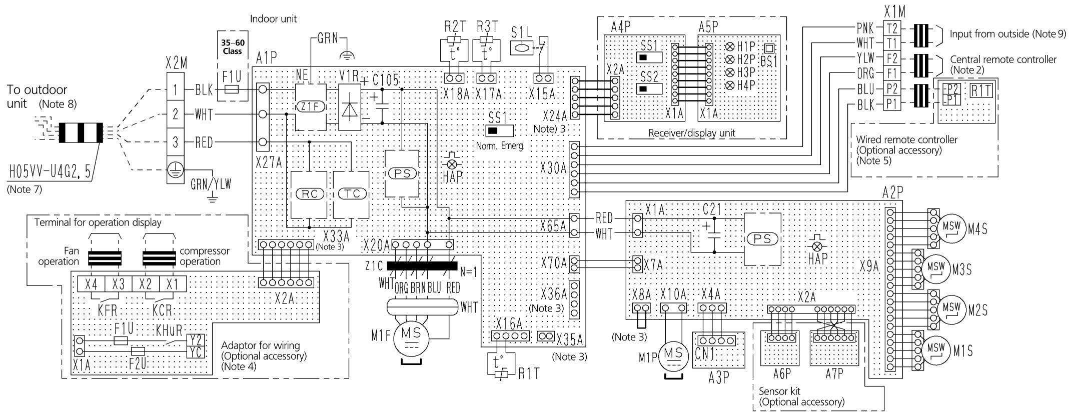
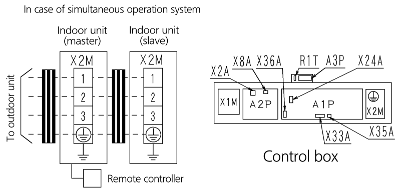
9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

FCQG-F

Indoor unit	
A1P	Printed circuit board
A2P	Printed circuit board
A3P	Printed circuit board (Humidity sensor unit)
C21	Capacitor
C105	Capacitor
F1U	Fuse (F, 5A, 250V)
HAP	Light emitting diode (service monitor green)
M1F	Motor (indoor fan)
M1P	Motor (drain pump)
M1S-M4S	Motor (swing flap)
R1T	Thermistor (air)
R2T•R3T	Thermistor (coil)
S1L	Float switch
SS1	Selector switch (emergency)
V1R	Diode bridge
X1M	Terminal block
X2M	Terminal block
Z1C	Ferrite core (Noise filter)
(Z1F)	Noise filter
(PS)	Power supply circuit
(RC)	Signal receiver circuit
(TC)	Signal transmission circuit
Wired remote controller	
R1T	Thermistor (air)
Receiver/display unit (Attached to infrared remote controller)	
A4P	Printed circuit board
A5P	Printed circuit board
BS1	Push button (on/off)
H1P	Light emitting diode (on-red)
H2P	Light emitting diode (timer-green)
H3P	Light emitting diode (filter sign-red)
H4P	Light emitting diode (defrost-orange)
SS1	Selector switch (main/sub)
SS2	Selector switch (infrared address set)
Adapter for wiring	
F1U F2U	Fuse (Ⓑ,5A, 250V)
KCR	Magnetic relay
KFR	Magnetic relay
KHuR	Magnetic relay (Hu)
Connector for optional parts	
X2A	Connector (Sensor kit)
X8A	Connector (Auto clean panel)
X24A	Connector (Infrared remote controller)
X33A	Connector (adaptor for wiring)
X35A	Connector (group control adapter)
X36A	Connector (Auto clean panel)





Notes

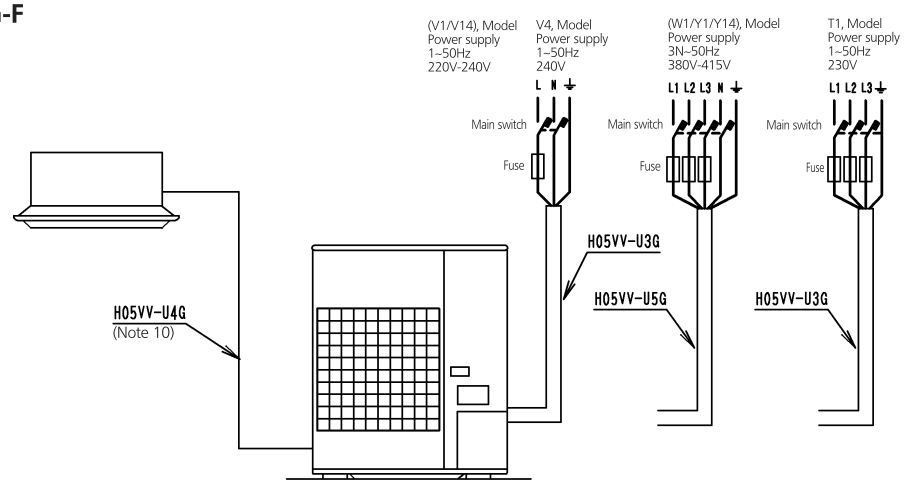
1. ⊏⊐⊐: Terminal block, ⊡, ⊳: Connector, ⊣▮▮▮⊢ : Field wiring
2. In case using central remote controller, connect it to the unit in accordance with the attached installation manual.
3. X2A, X8A, X33A, X35A, X36A are connected when the optional accessories are being used. In case of using an auto clean panel, see the wiring diagram of it.
4. Connect power of adaptor for wiring to terminal block (X2M) of indoor unit directly.
5. In case of main/sub overchange, see the installation manual attached to remote controller.
6. Symbols show as follows: RED:Red BLK:Black WHT:White YLW:Yellow GRN:Green ORG:Orange BRN:Brown PNK:Pink GRY:Grey BLU:Blue.
7. Shows only in case of protected pipes, use HO7RN-F in case of no protection.
8. For the detail, see wiring diagram attached to outdoor unit.
9. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote controller. See installation manual for more details.

3D074344

10 External connection diagrams

10 - 1 External Connection Diagrams

FCQG-F



NOTES

1 ——— Line voltage wiring
——— Control circuit wiring
2 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
3 Use copper conductors only.
4 As for details, see wiring diagram.
5 Install fuse and mainswitch for safety.
6 All field wiring and components must be provided by a licensed electrician.
7 The unit shall be grounded in compliance with the applicable local and national codes.
8 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
9 Never share a common power supply with other equipment.
10 Show only in case of protected pipes. Use HO7RN-F in case of no protection.

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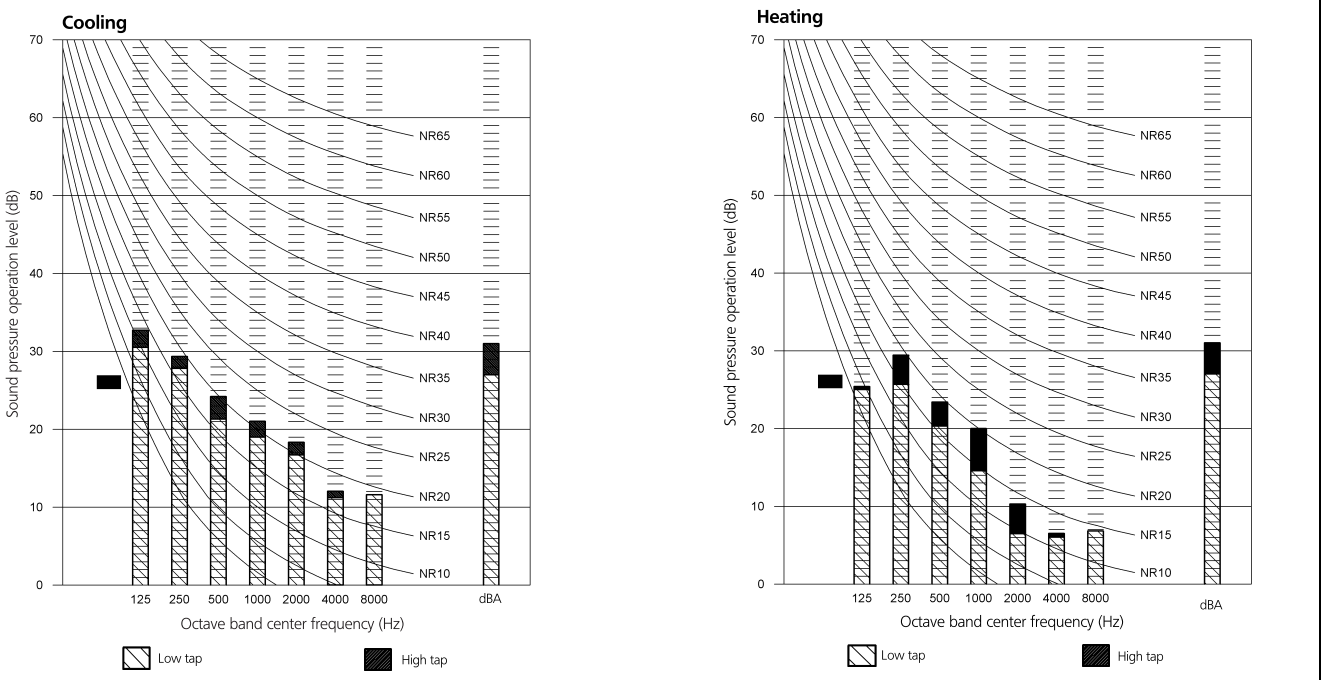
11 Sound data

11 - 1 Sound Pressure Spectrum

FCQG35-50F



NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound pressure level (A-scale according to IEC).
4 Reference acoustic pressure 0dB = 20μPa.
5 Curve for FCQG35FVEB and FCQG50FVEB in cooling/heating mode.
6 Sound power level:

High tap
49 dB

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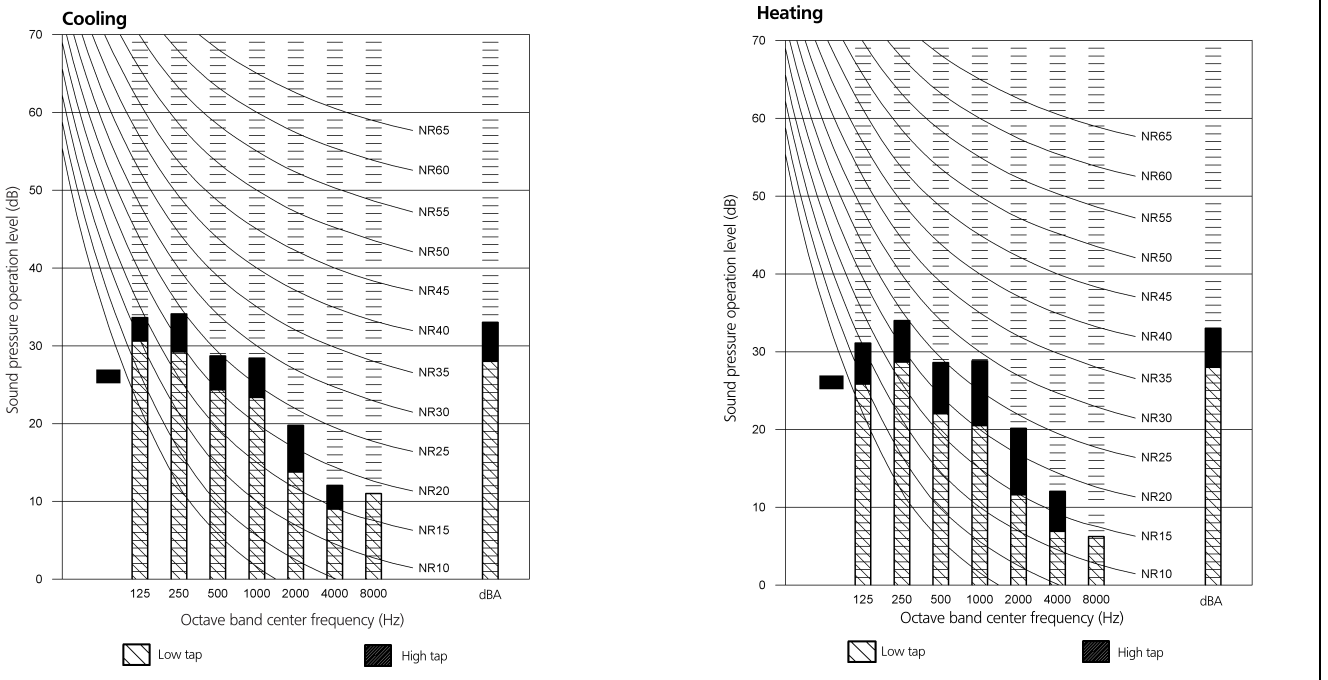
FCQG60-71F



NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound pressure level (A-scale according to IEC).
4 Reference acoustic pressure 0dB = 20μPa.
5 Curve for FCQG60FVEB and FCQG71FVEB in cooling/heating mode.
6 Sound power level:

High tap
51 dB

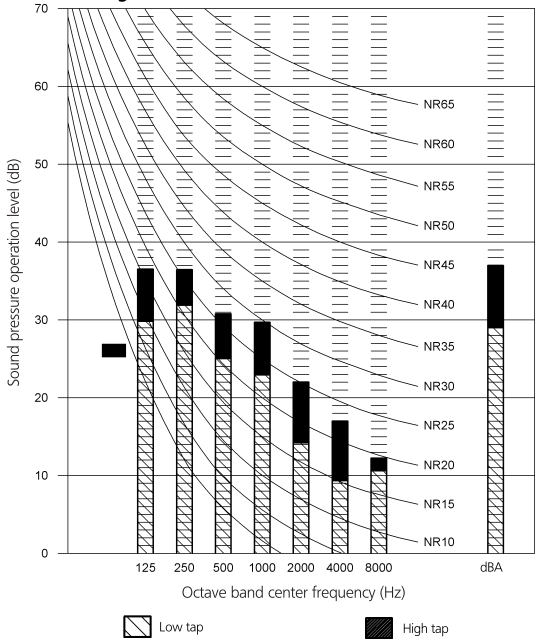
3D077505

11 Sound data

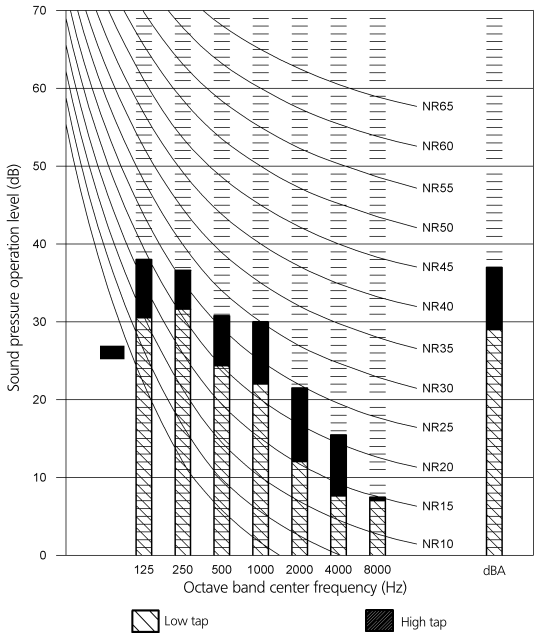
11 - 1 Sound Pressure Spectrum

FCQG100F

Cooling



Heating



NOTES

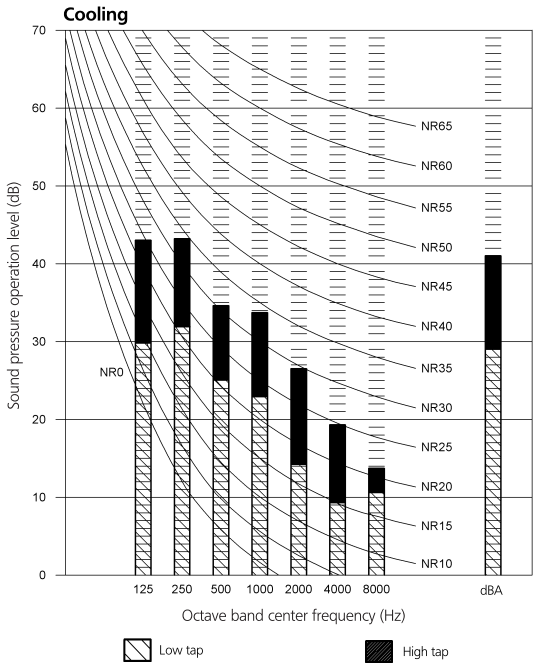
1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound pressure level (A-scale according to IEC).
4 Reference acoustic pressure 0dB = 20µPa.
5 Curve for FCQG100FVEB in cooling/heating mode.
6 Sound power level:

High tap
54 dB

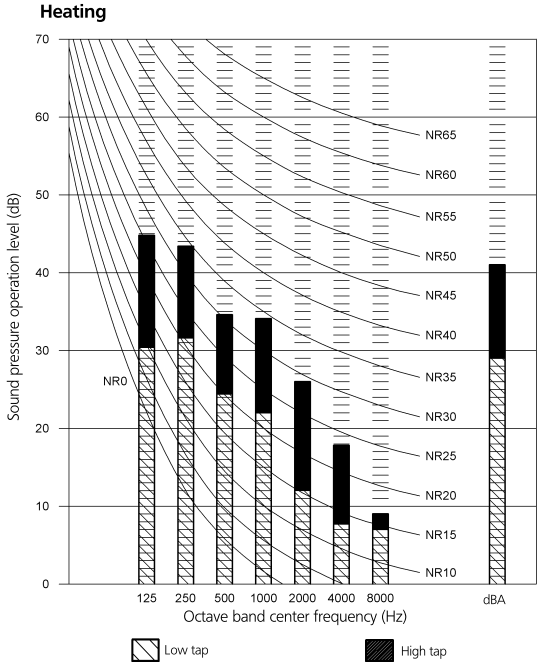
3D077506

FCQG125-140F

Cooling



Heating



NOTES

1 Data is valid at free field condition.
2 Data is valid at nominal operation condition.
3 dBA = A-weighted sound pressure level (A-scale according to IEC).
4 Reference acoustic pressure 0dB = 20µPa.
5 Curve for FCQG125FVEB and FCQG140FVEB in cooling/heating mode.
6 Sound power level:

High tap
58 dB

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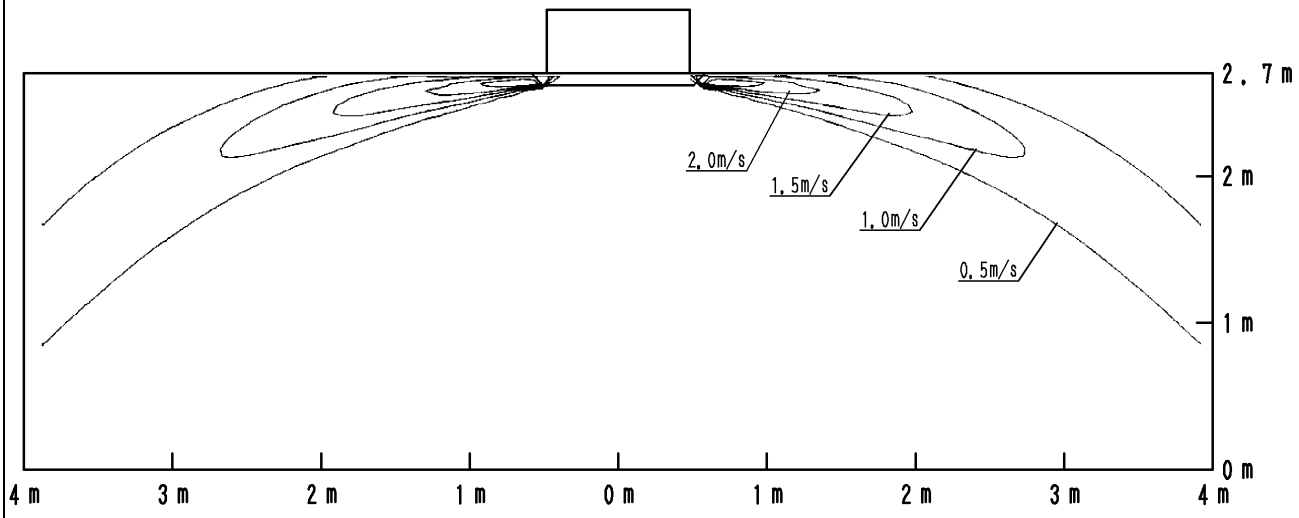
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG35F

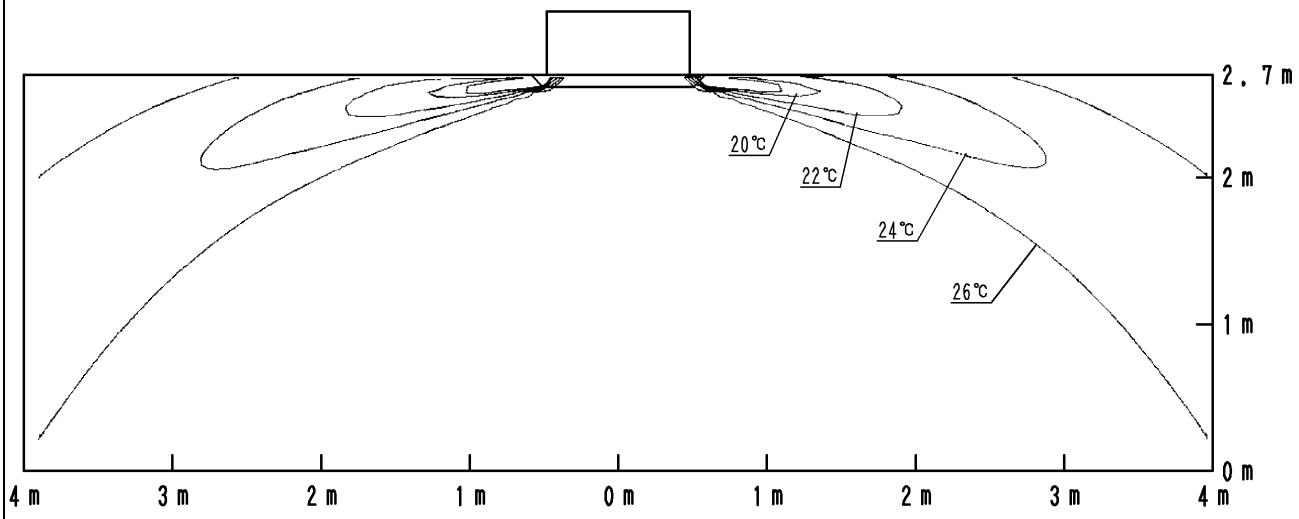
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077053A

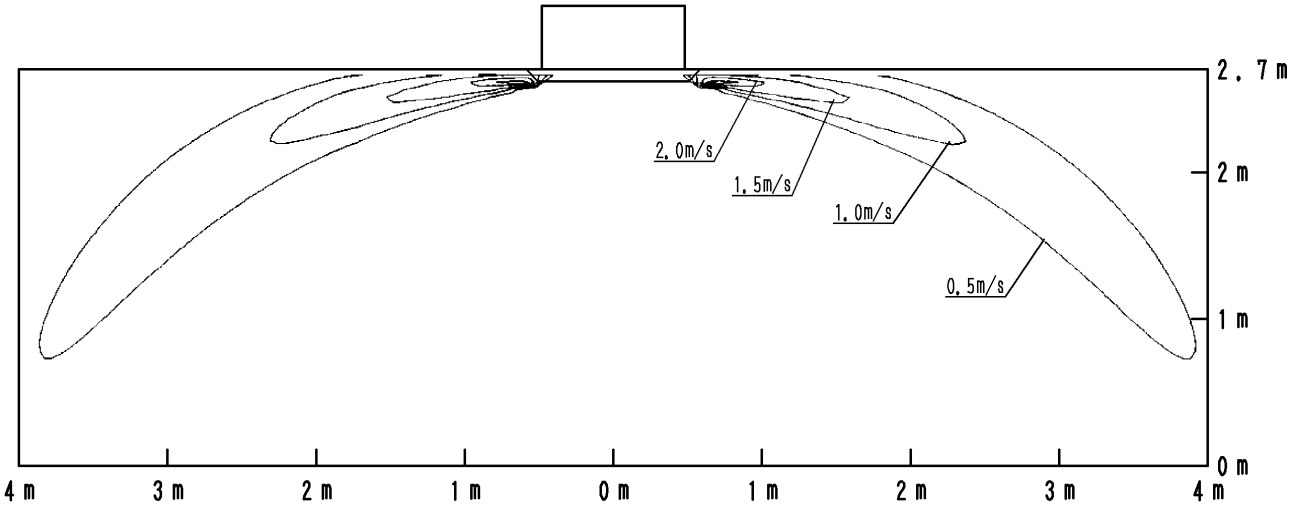
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG50F

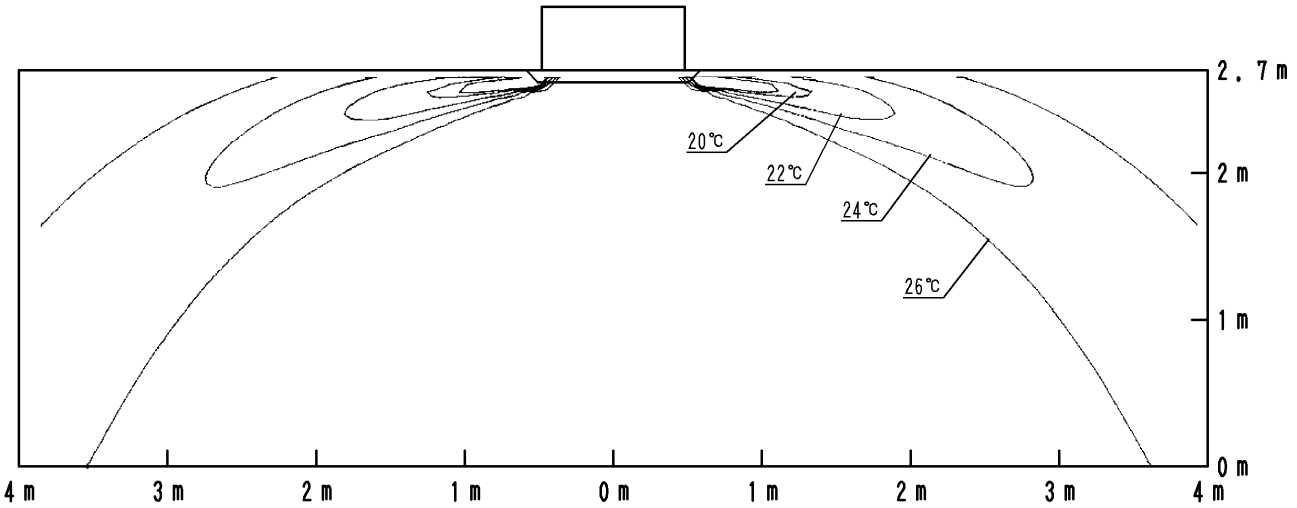
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077054

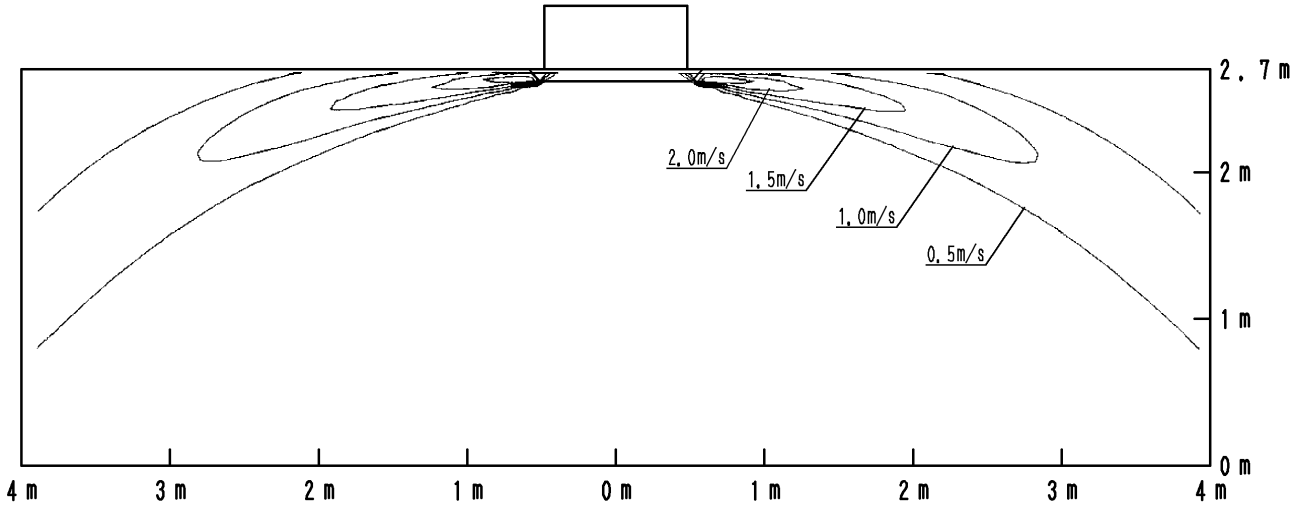
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG60F

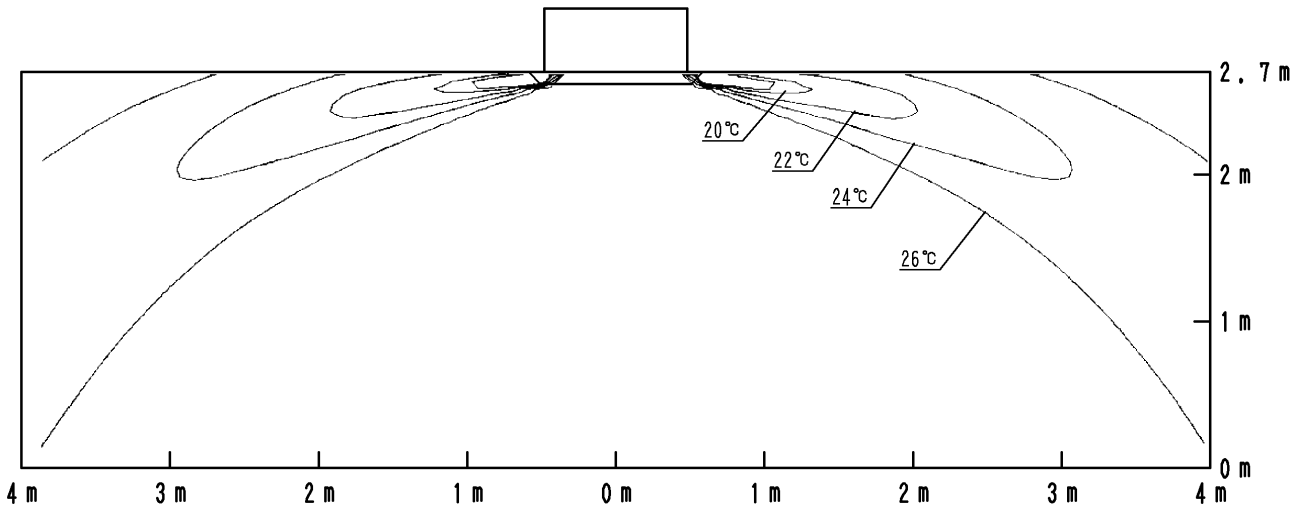
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077055A

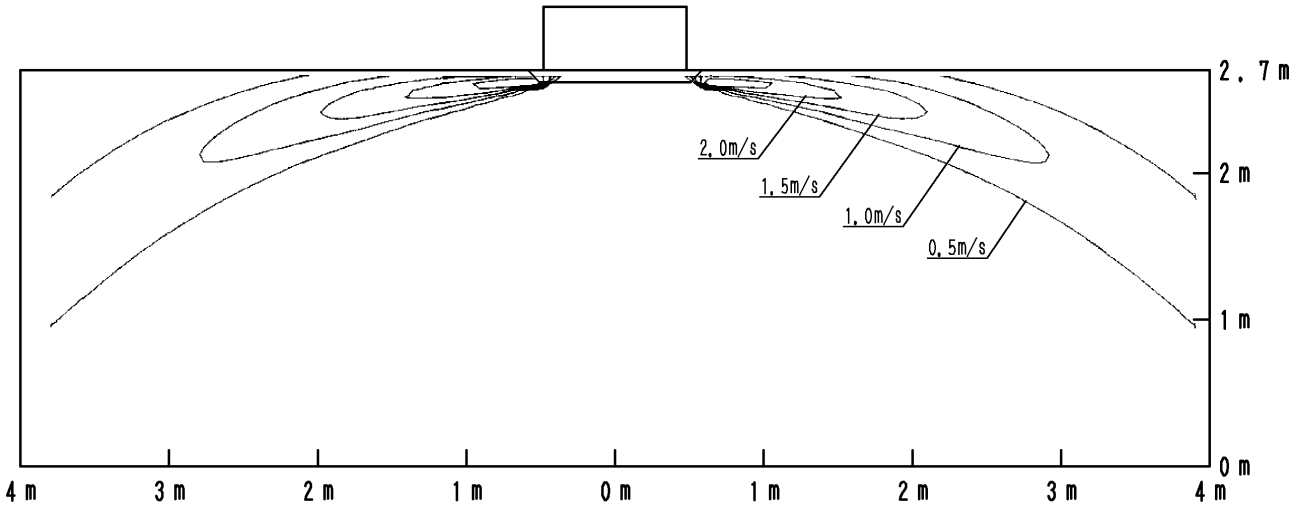
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG71F

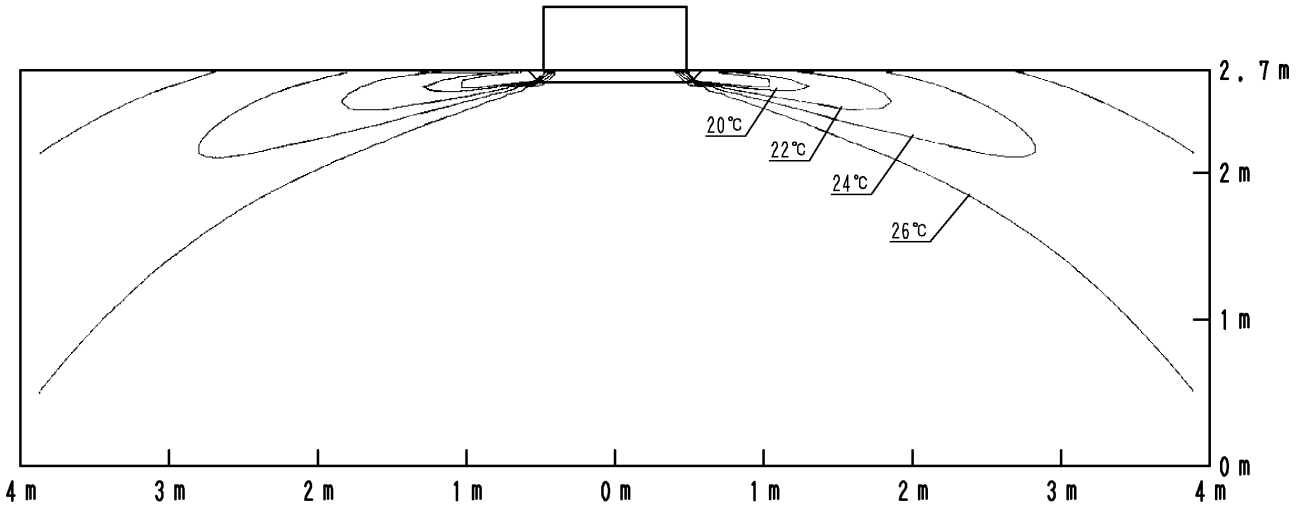
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077056A

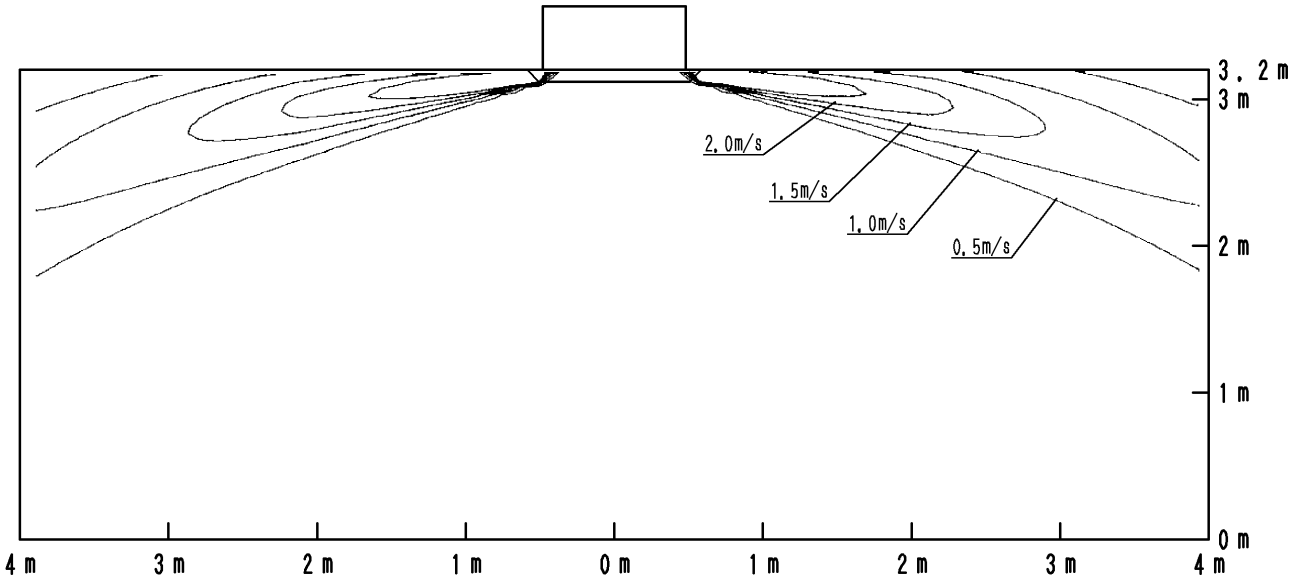
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG100F

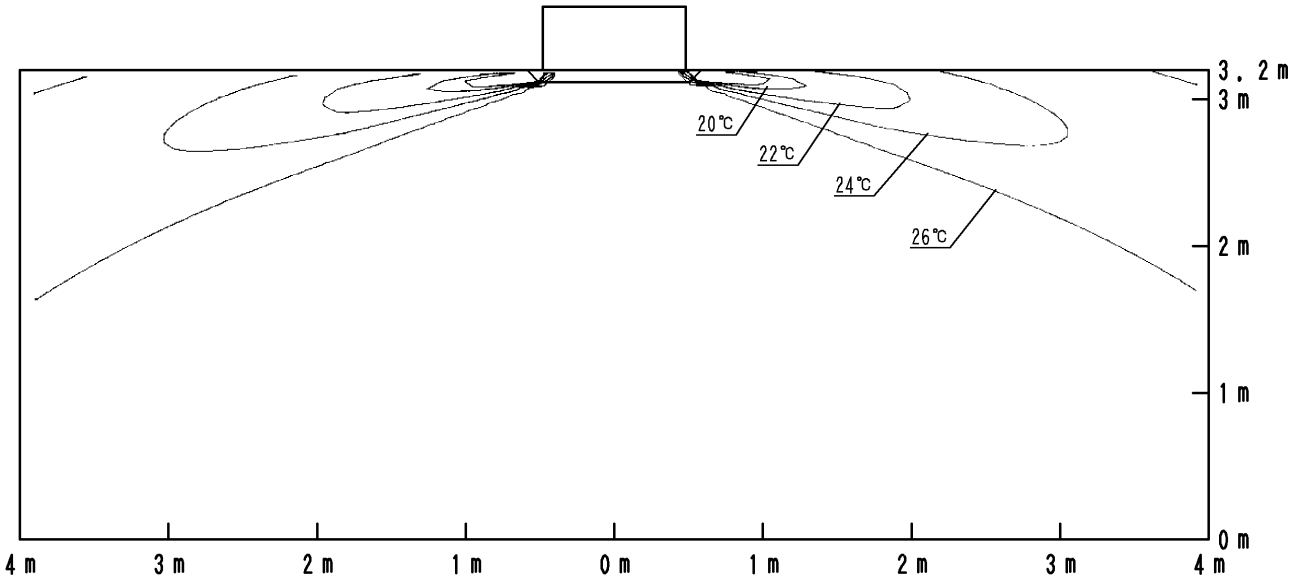
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077057A

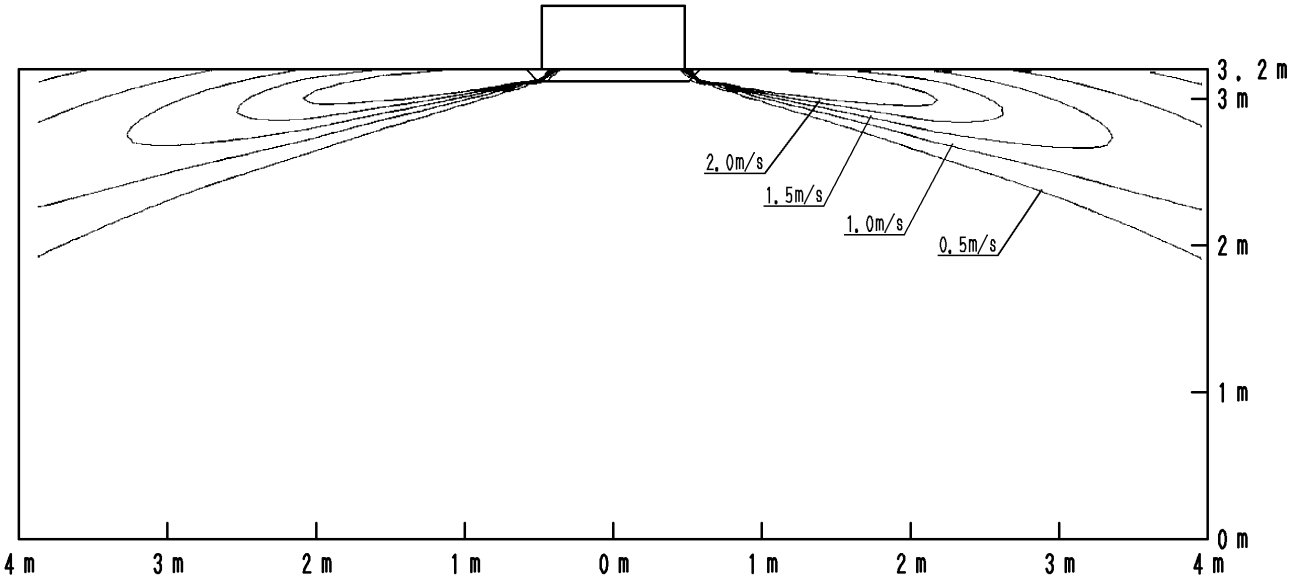
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG125F

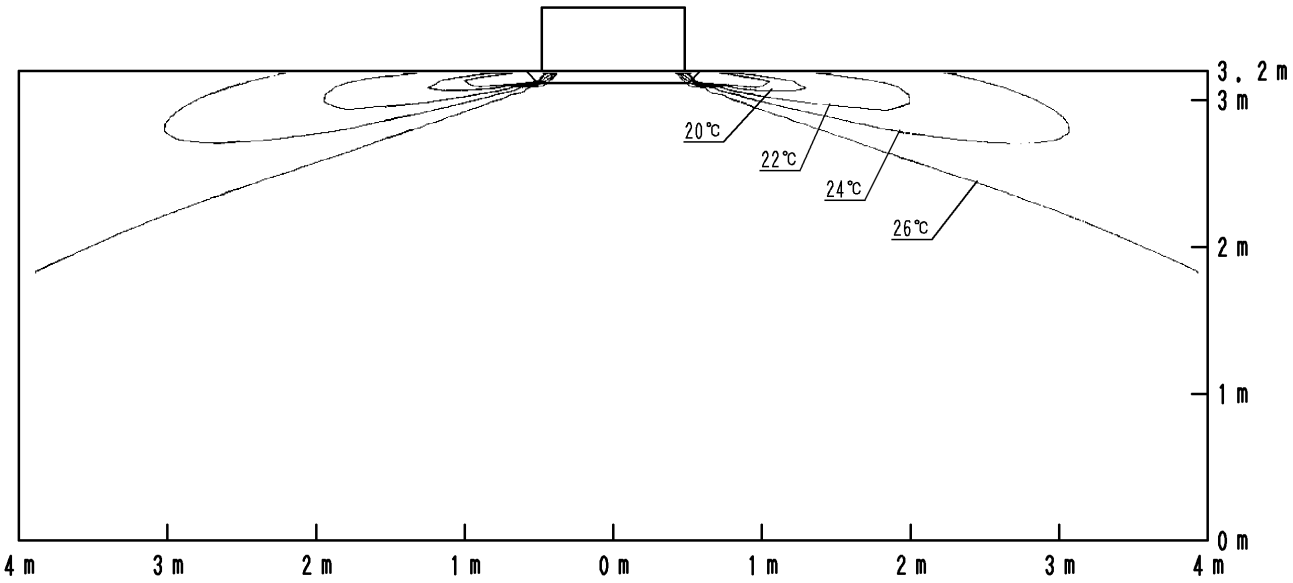
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077058A

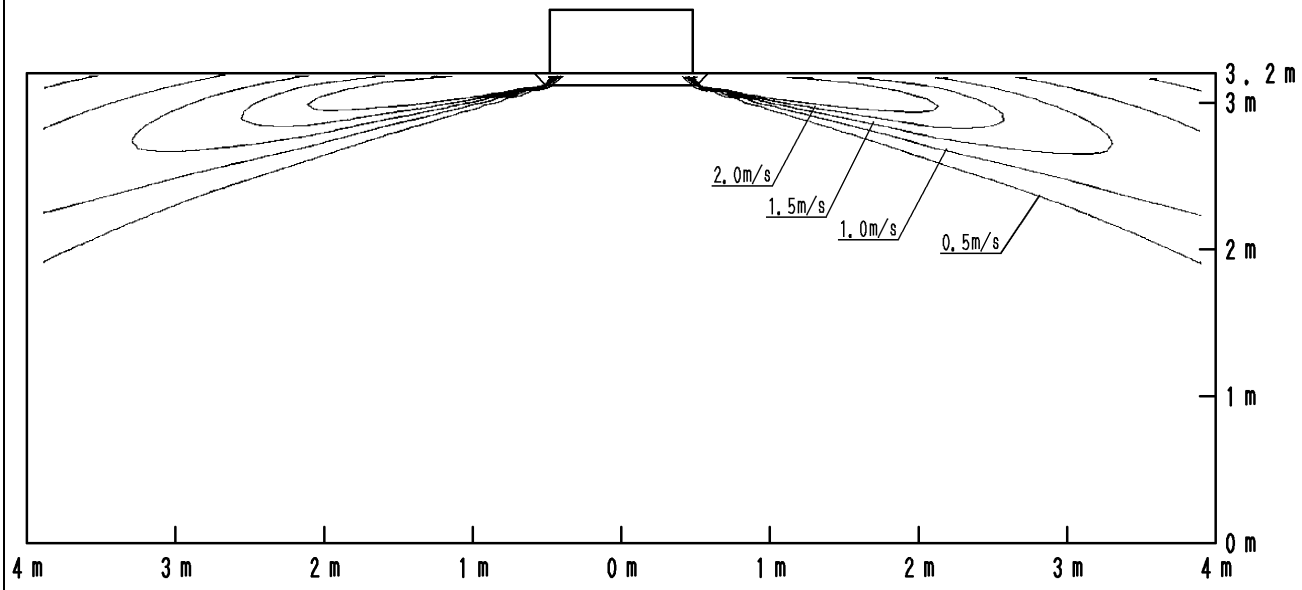
12 Air flow patterns

12 - 1 Air Flow Pattern - Cooling

FCQG140F

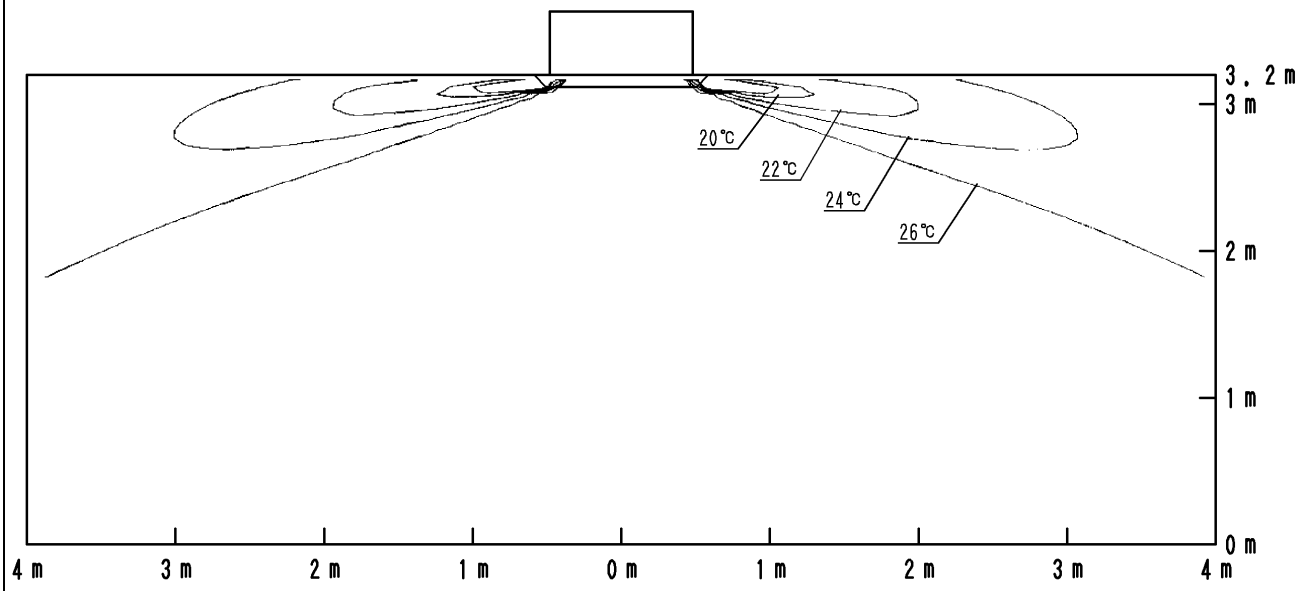
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D077059

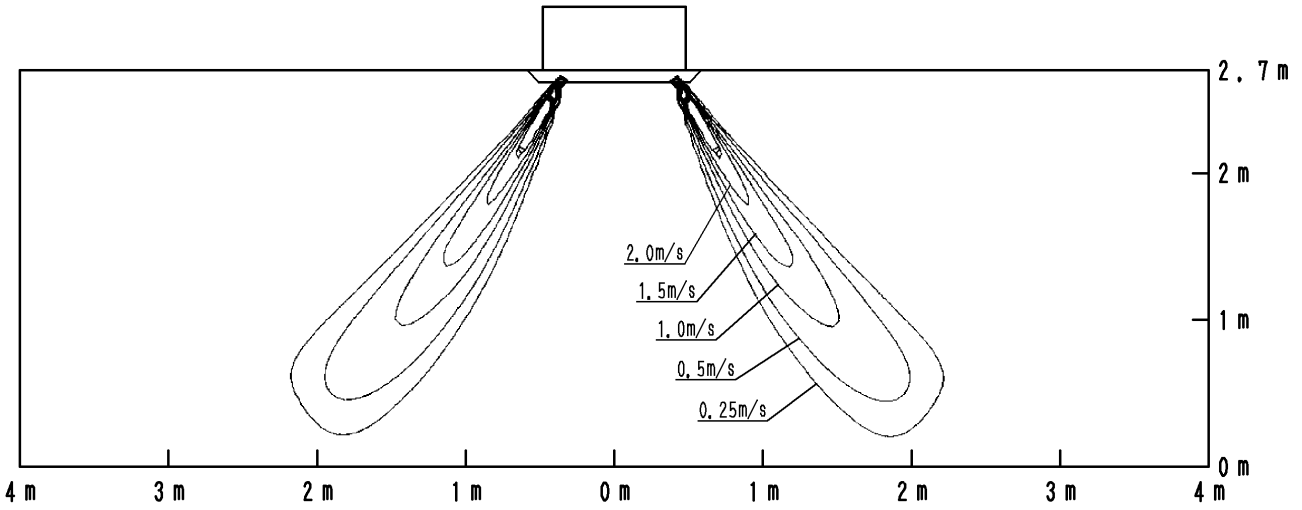
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG35F

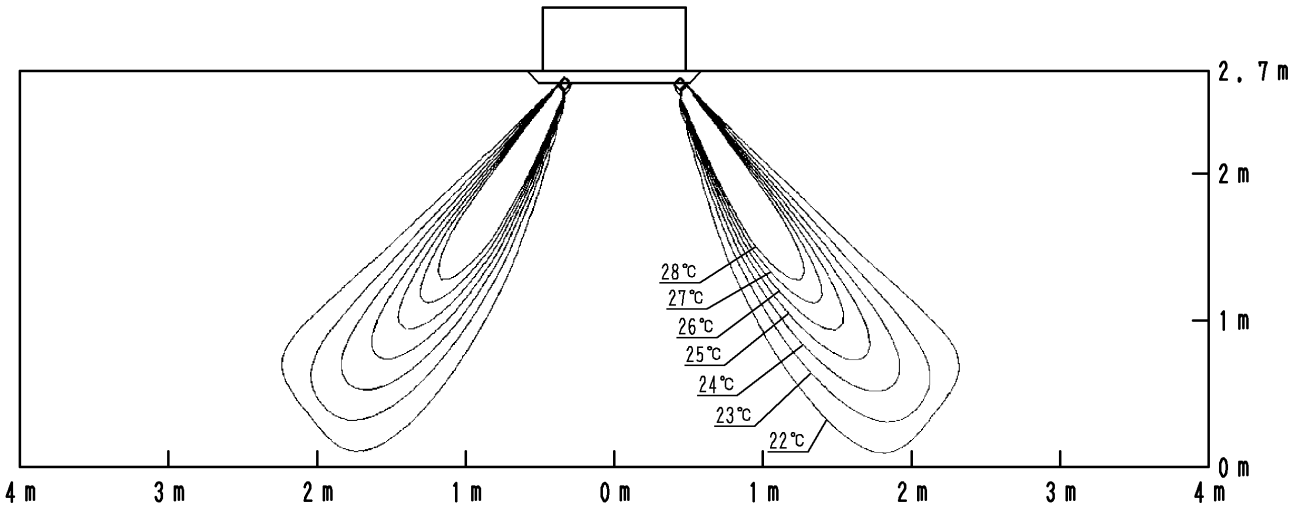
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077042A

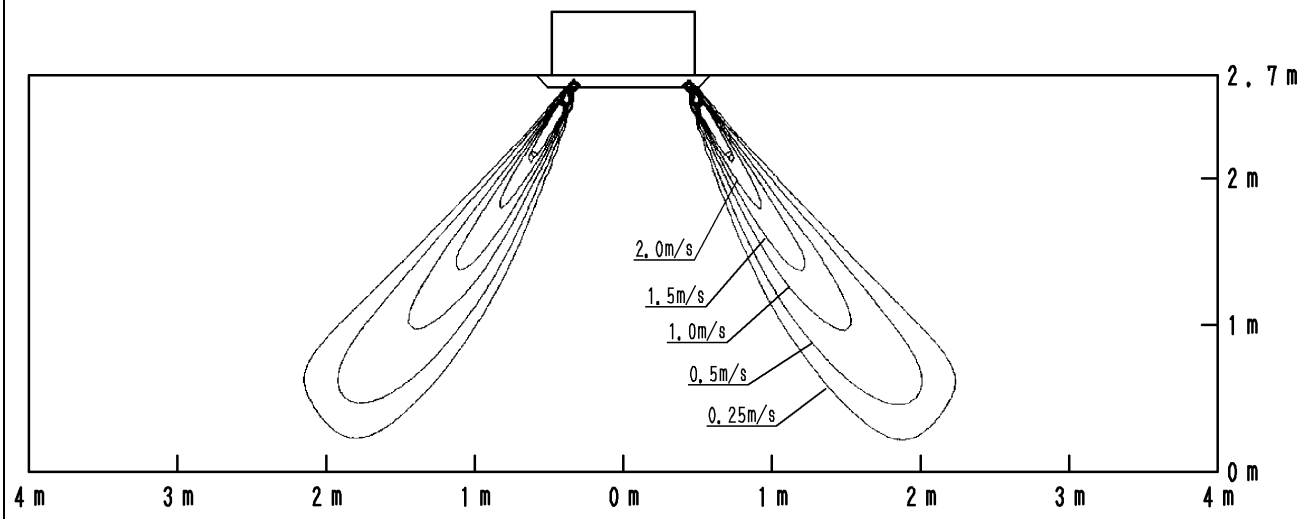
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG50F

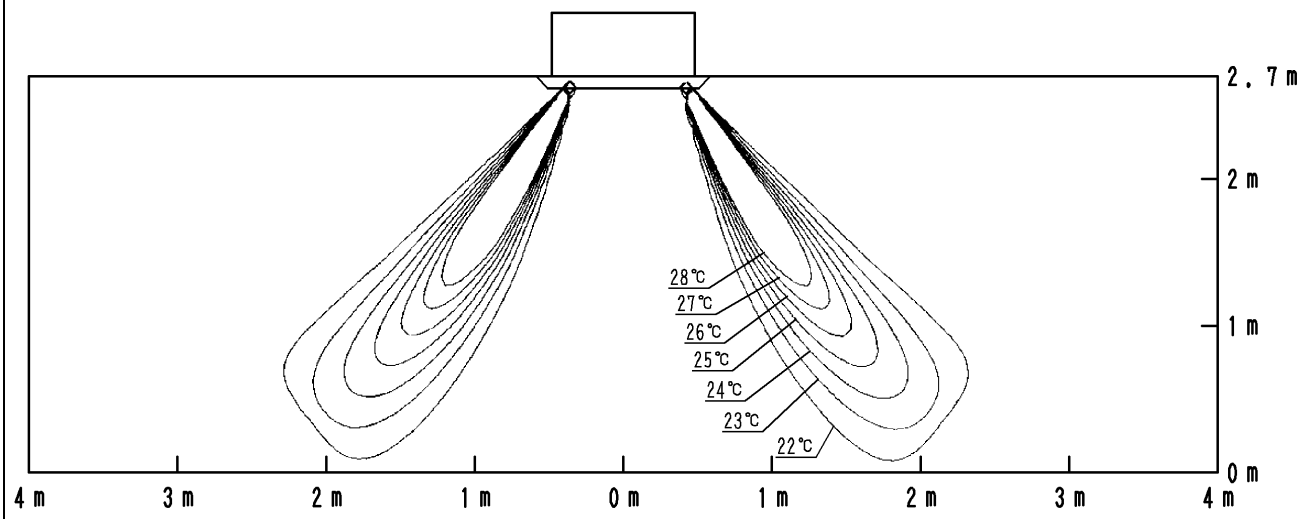
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077043

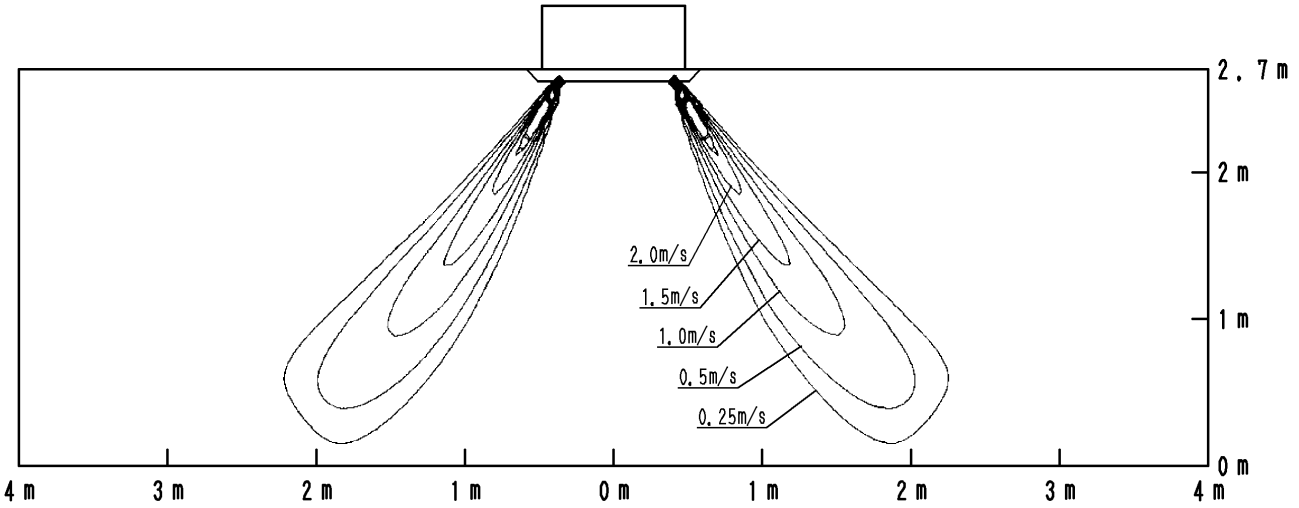
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG60F

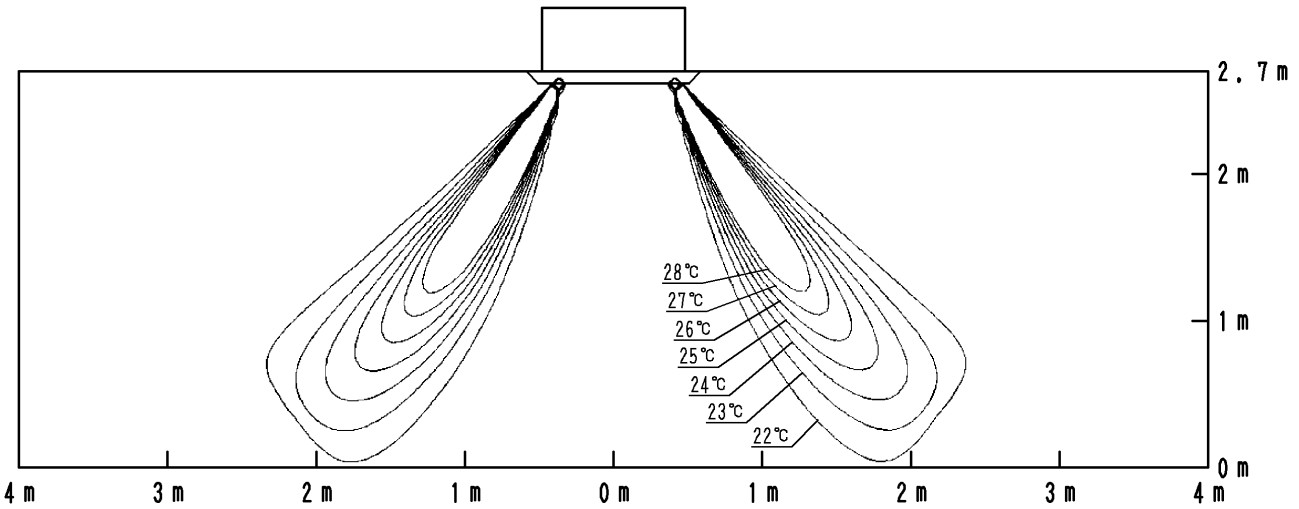
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077044A

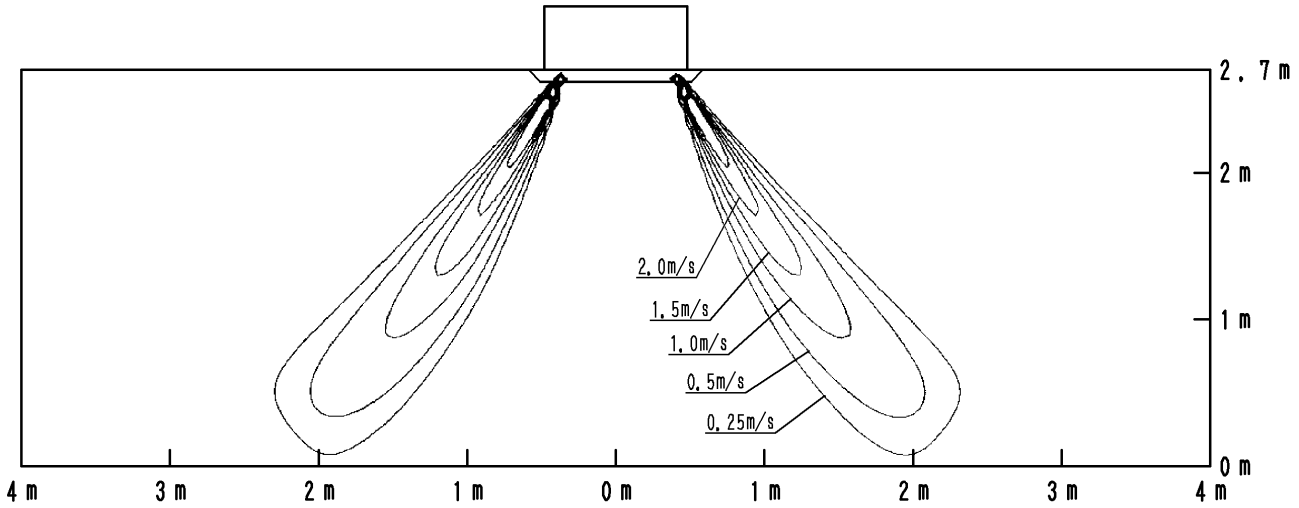
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG71F

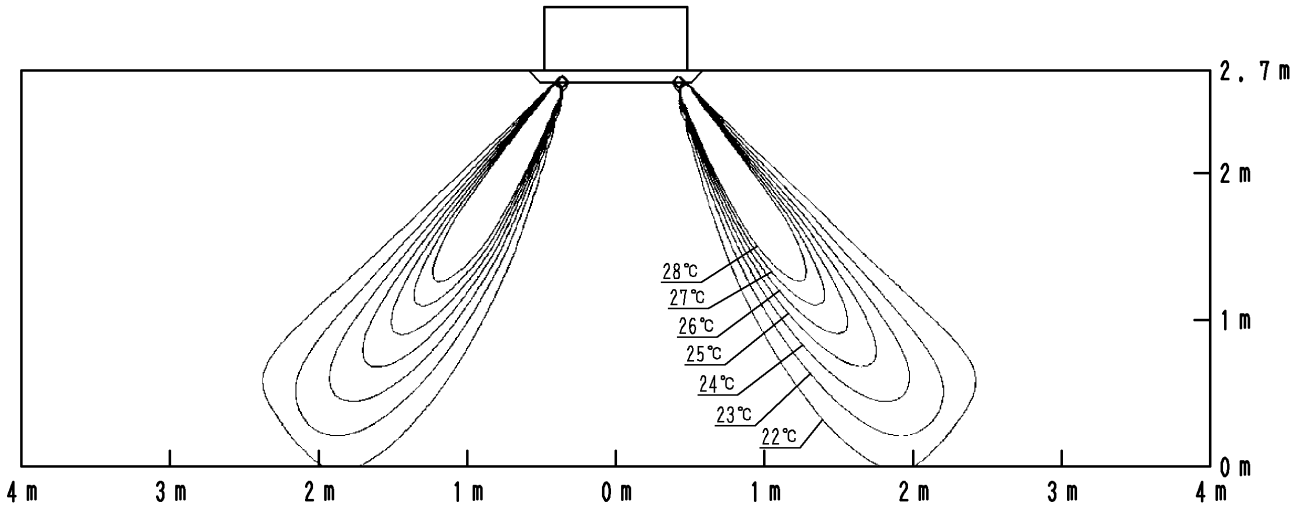
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077045A

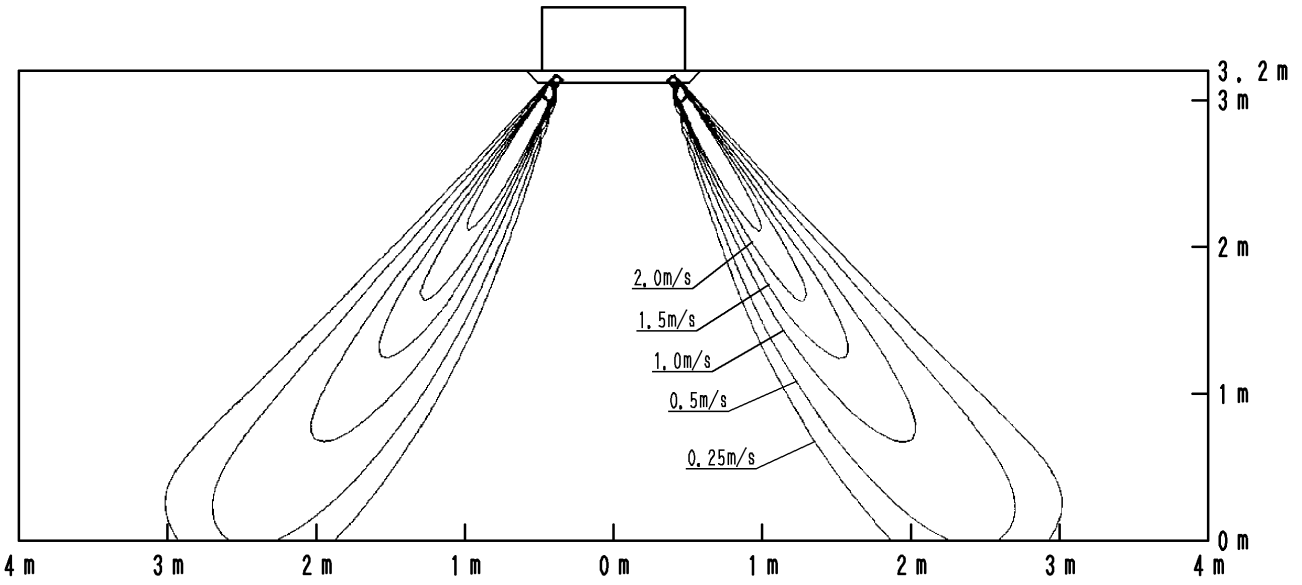
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG100F

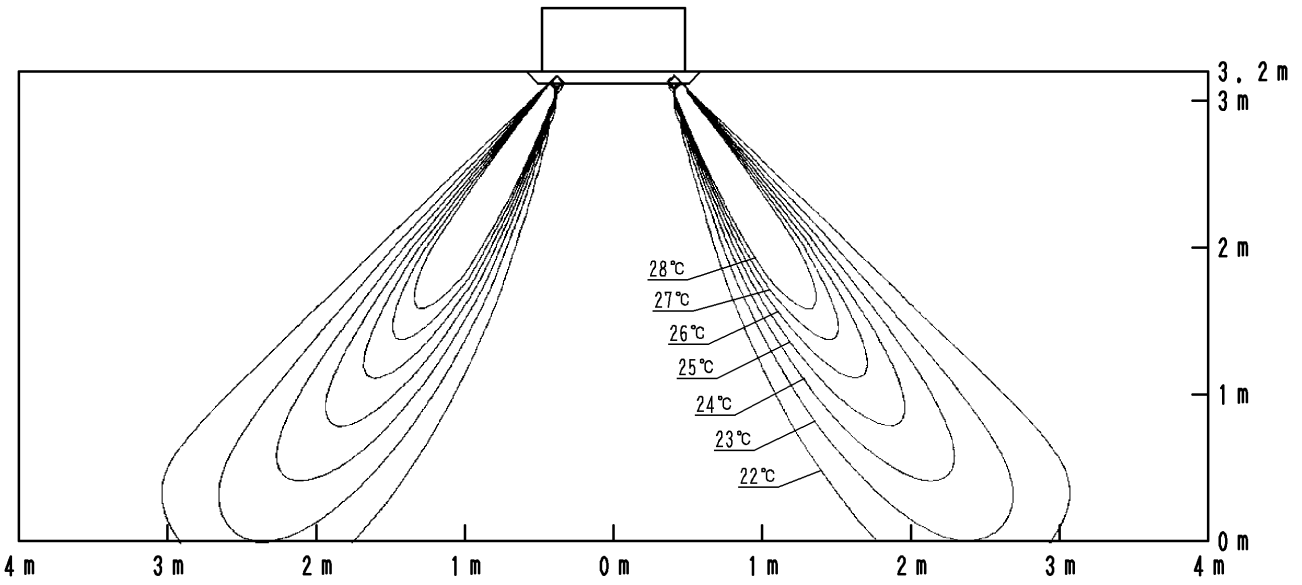
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077046A

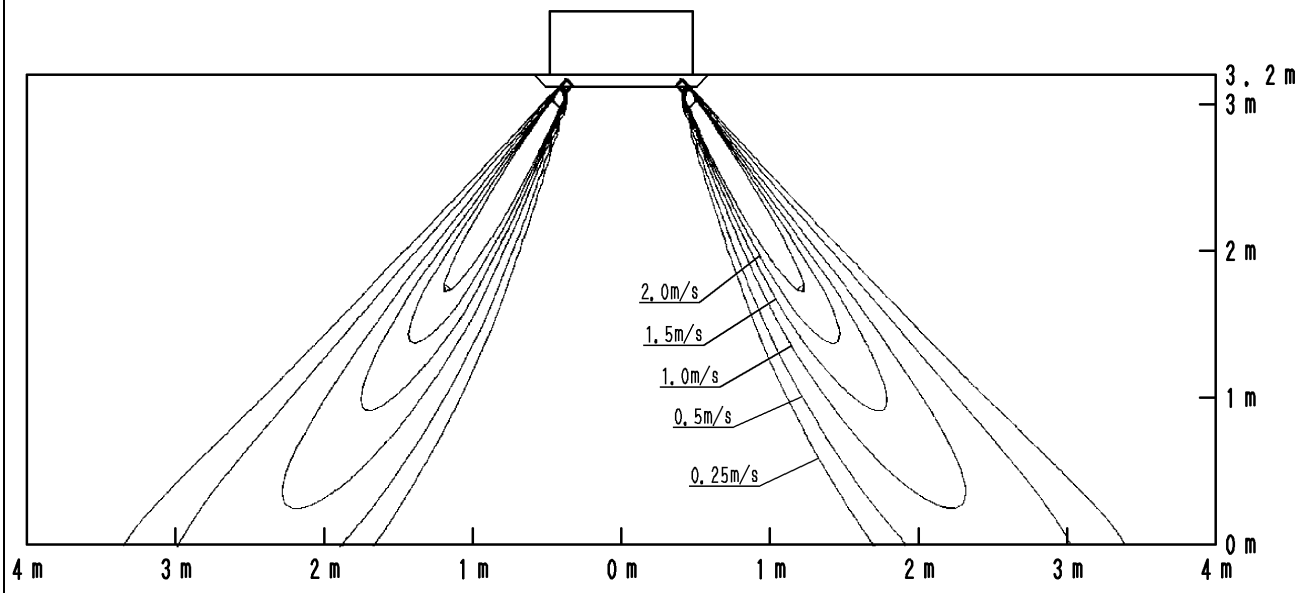
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG125F

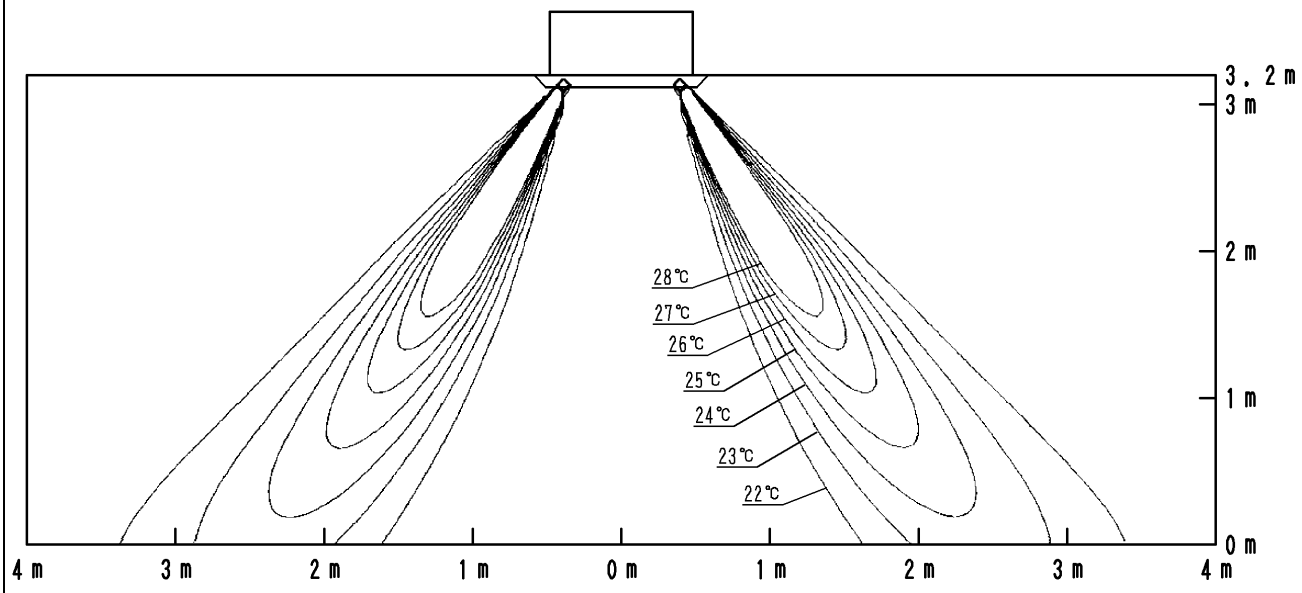
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077047A

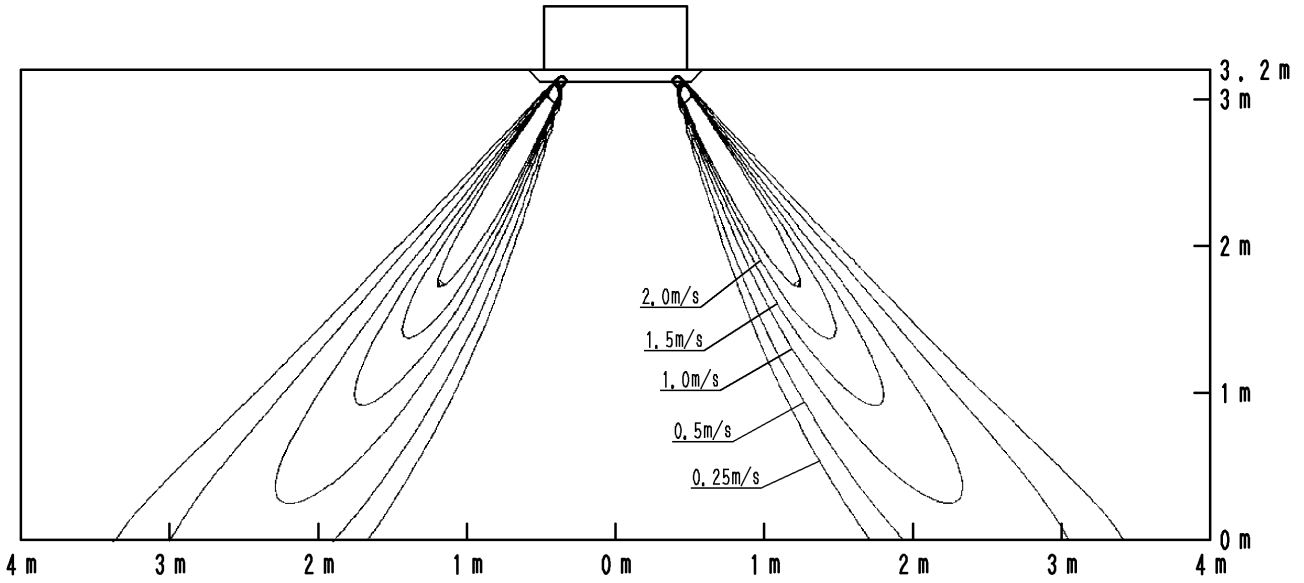
12 Air flow patterns

12 - 2 Air Flow Pattern - Heating

FCQG140F

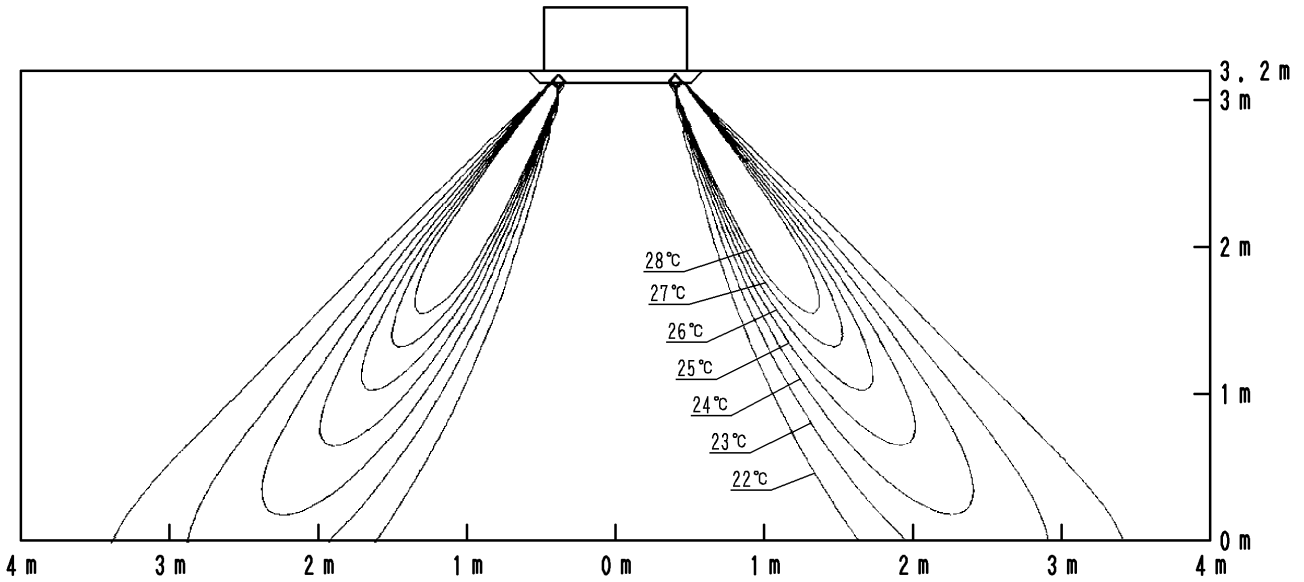
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D077048

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