EDUS392209-F9
202202

DAIKIN

Engineering Data

VISTA™ 2 × 2 Cassette Unit

FXZQ_TBVJU

60 Hz

R-410A

VRV

Table of Contents

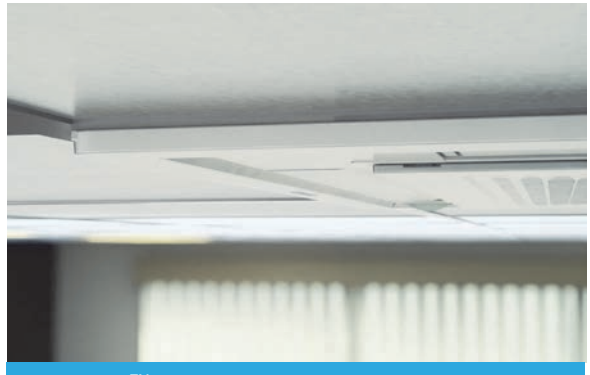
1. Features and Benefits

The VISTA™ 2 × 2 Cassette Unit for ***VRV*** systems seamlessly integrates into 2 × 2 ceiling grids with a remarkable blend of iconic design and engineering excellence.

- Redesigned decoration panel eliminates overlap of adjacent tiles and simplifies coordination
- Low profile panel design measures a mere 5/16” (8 mm) deep
- Incorporation of DC fan motor reduces operational power input up to 48%*
- Independently motorized louvers allow for greater air distribution flexibility
- 4-way, 3-way, and 2-way blow configurability
- Auto** fan speed control optimizes fan energy input by intelligently controlling fan speed
- Configurable auxiliary heat control allows for a high degree of control of heater on/off temperatures
- Direct integration of outside air
- The decoration panel is available in white (BYFQ60C3W2W)
- Backed by 10 year parts limited warranty***

*When compared vs previous generation FXZQ_MVJU9
**Requires BRC1E73 or iTouch Manager
***Complete warranty details available from your local dealer or at www.daikincomfort.com

The decoration panel design allows VISTA™ to be easily placed near lighting or other devices.



The VISTA™ decoration panel depth measures a mere 5/16” (8 mm), discreetly blending with the ceiling face.

An optional space and presence sensor kit (BRYQ60AAW) can be installed to further enhance operational efficiency and occupant comfort.

- Senses occupancy and sets the unit to a more efficient set point after the space has been unoccupied for 30 minutes (adjustable) or more
- Can be configured to automatically turn the unit off after 2 hours (adjustable) when no occupancy is detected
- Detects location of occupants near the unit and automatically adjusts louver airflow direction to reduce uncomfortable drafts
- Presence sensor sensitivity is adjustable
- Floor temperature sensors will automatically adjust louver airflow direction to maintain an even and comfortable temperature distribution from floor to ceiling†
- Safety listed per UL60335-2-40

†The presence sensor will always take precedence over floor sensor

2. Specifications

VISTA™ 2 × 2 cassette unit

Model			FXZQ05TBVJU	FXZQ07TBVJU
Power supply			1 phase, 60 Hz, 208/230 V	1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h (kW)	5,800 (1.7)	7,500 (2.2)
★2, ★3 Heating capacity		Btu/h (kW)	6,500 (1.9)	8,500 (2.5)
Casing			Galvanized steel plate	Galvanized steel plate
Dimensions: (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)
Coil (cross fin coil)	Rows × Stages × FPI		2 × 12 × 22	2 × 12 × 22
	Face area	ft² (m²)	2.35 (0.218)	2.35 (0.218)
Fan	Model		QTS32D15M	QTS32D15M
	Type		Turbo fan	Turbo fan
	Motor output	W	50	50
	Airflow rate (H/M/L)	cfm (m^3/min)	300/247/229 (8.5/7.0/6.5)	307/264/229 (8.7/7.5/6.5)
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyurethane	Foamed polyurethane
★4 Sound pressure level (reference data) (H/M/L)		dBA	32/29.5/25.5	32/29.5/25.5
★4 Sound power level (reference data)		dB	49	49
Weight		lbs (kg)	35.3 (16.0)	35.3 (16.0)
Piping connections	Liquid pipes	in. (mm)	ϕ1/4 (ϕ6.4) (flare connection)	ϕ1/4 (ϕ6.4) (flare connection)
	Gas pipes	in. (mm)	ϕ1/2 (ϕ12.7) (flare connection)	ϕ1/2 (ϕ12.7) (flare connection)
	Drain pipe	in. (mm)	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))
Safety devices			Printed circuit board fuse	Printed circuit board fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series	R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Drain hose, Metal clamp for drain hose	Operation manual, Installation manual, Drain hose, Metal clamp for drain hose
Decoration panel (option)	Model		BYFQ60C3W2W	BYFQ60C3W2W
	Color		White	White
	Dimensions: (H × W × D)	in. (mm)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)
	Air filter		Resin net (with mold resistance)	Resin net (with mold resistance)
	Weight	lbs (kg)	6.2 (2.8)	6.2 (2.8)

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)
Outdoor temperature: 95.0°FDB (35.0°CDB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70.0°FDB (21.1°CDB).
Outdoor temperature: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

★4. Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values may be higher as a result of installation conditions.

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VISTA™ 2 × 2 cassette unit

Model			FXZQ09TBVJU	FXZQ12TBVJU
Power supply			1 phase, 60 Hz, 208/230 V	1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h (kW)	9,500 (2.8)	12,000 (3.5)
★2, ★3 Heating capacity		Btu/h (kW)	10,500 (3.1)	13,500 (4.0)
Casing			Galvanized steel plate	Galvanized steel plate
Dimensions: (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)
Coil (cross fin coil)	Rows × Stages × FPI		2 × 12 × 22	2 × 16 × 22
	Face area	ft² (m²)	2.35 (0.218)	3.12 (0.290)
Fan	Model		QTS32D15M	QTS32D15M
	Type		Turbo fan	Turbo fan
	Motor output	W	50	50
	Airflow rate (H/M/L)	cfm (m^3/min)	317/282/229 (9.0/8.0/6.5)	353/300/247 (10.0/8.5/7.0)
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyurethane	Foamed polyurethane
★4 Sound pressure level (reference data) (H/M/L)		dBA	33/30/25.5	33.5/30/26
★4 Sound power level (reference data)		dB	50	51
Weight		lbs (kg)	35.3 (16.0)	36.4 (16.5)
Piping connections	Liquid pipes	in. (mm)	ϕ1/4 (ϕ6.4) (flare connection)	ϕ1/4 (ϕ6.4) (flare connection)
	Gas pipes	in. (mm)	ϕ1/2 (ϕ12.7) (flare connection)	ϕ1/2 (ϕ12.7) (flare connection)
	Drain pipe	in. (mm)	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))
Safety devices			Printed circuit board fuse	Printed circuit board fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series	R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Drain hose, Metal clamp for drain hose	Operation manual, Installation manual, Drain hose, Metal clamp for drain hose
Decoration panel (option)	Model		BYFQ60C3W2W	BYFQ60C3W2W
	Color		White	White
	Dimensions: (H × W × D)	in. (mm)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)
	Air filter		Resin net (with mold resistance)	Resin net (with mold resistance)
	Weight	lbs (kg)	6.2 (2.8)	6.2 (2.8)

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)
Outdoor temperature: 95.0°FDB (35.0°CDB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70.0°FDB (21.1°CDB).
Outdoor temperature: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

★4. Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values may be higher as a result of installation conditions.

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VISTA™ 2 × 2 cassette unit

Model			FXZQ15TBVJU	FXZQ18TBVJU
Power supply			1 phase, 60 Hz, 208/230 V	1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h (kW)	15,000 (4.4)	18,000 (5.3)
★2, ★3 Heating capacity		Btu/h (kW)	17,000 (5.0)	20,000 (5.9)
Casing			Galvanized steel plate	Galvanized steel plate
Dimensions: (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)
Coil (cross fin coil)	Rows × Stages × FPI		2 × 16 × 22	3 × 16 × 22
	Face area	ft² (m²)	3.12 (0.290)	3.23 (0.300)
Fan	Model		QTS32D15M	QTS32D15M
	Type		Turbo fan	Turbo fan
	Motor output	W	50	50
	Airflow rate (H/M/L)	cfm (m^3/min)	405/335/282 (11.5/9.5/8.0)	511/441/353 (14.5/12.5/10.0)
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyurethane	Foamed polyurethane
★4 Sound pressure level (reference data) (H/M/L)		dBA	37/32/28	43/40/33
★4 Sound power level (reference data)		dB	54	60
Weight		lbs (kg)	36.4 (16.5)	41.9 (19.0)
Piping connections	Liquid pipes	in. (mm)	ϕ1/4 (ϕ6.4) (flare connection)	ϕ1/4 (ϕ6.4) (flare connection)
	Gas pipes	in. (mm)	ϕ1/2 (ϕ12.7) (flare connection)	ϕ1/2 (ϕ12.7) (flare connection)
	Drain pipe	in. (mm)	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))	VP20 (external dia. 1-1/32 (26), internal dia. 25/32 (20))
Safety devices			Printed circuit board fuse	Printed circuit board fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series	R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Drain hose, Metal clamp for drain hose	Operation manual, Installation manual, Drain hose, Metal clamp for drain hose
Decoration panel (option)	Model		BYFQ60C3W2W	BYFQ60C3W2W
	Color		White	White
	Dimensions: (H × W × D)	in. (mm)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)
	Air filter		Resin net (with mold resistance)	Resin net (with mold resistance)
	Weight	lbs (kg)	6.2 (2.8)	6.2 (2.8)

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)
Outdoor temperature: 95.0°FDB (35.0°CDB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70.0°FDB (21.1°CDB).
Outdoor temperature: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)
Equivalent refrigerant piping length: 25 ft (7.6 m) (horizontal)

★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

★4. Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values may be higher as a result of installation conditions.

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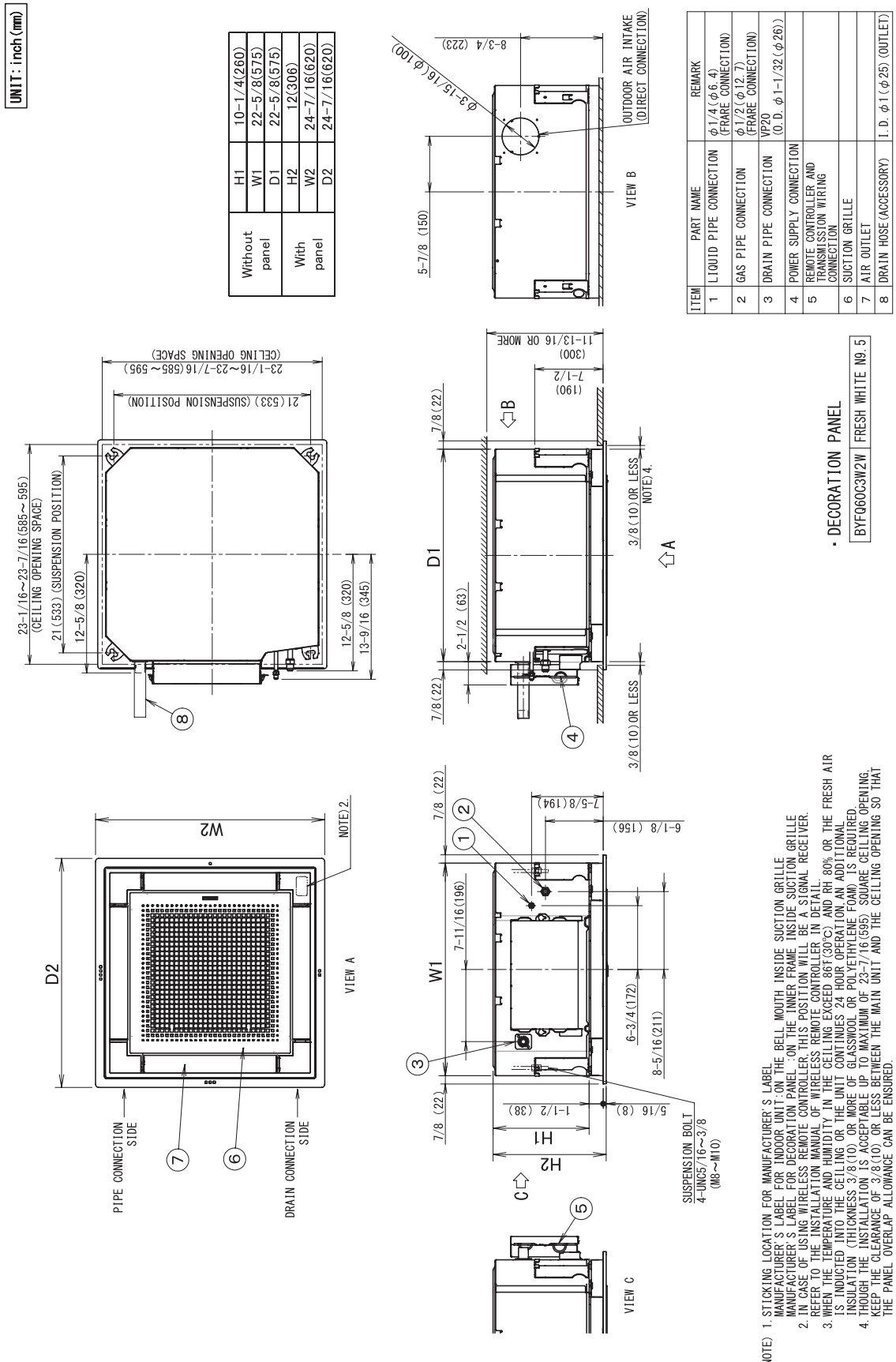
3. Simplified Dimensions

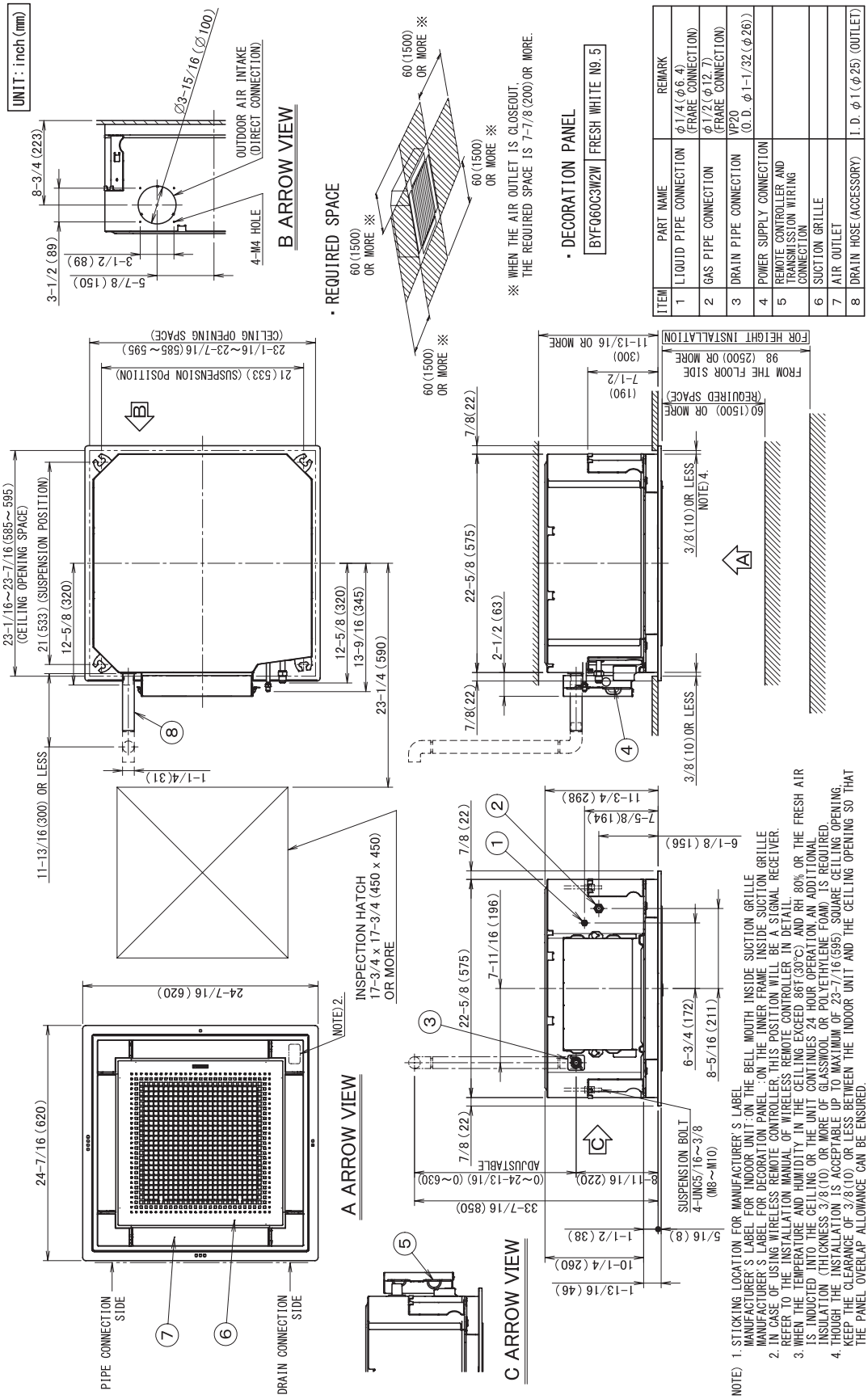
FXZQ05-18TBVJU



4. Dimensions

4.1 FXZQ_T (with VISTA Decoration Panel BYFQ60C3W2W)

FXZQ05-18TBVJU



ITEM	PART NAME	REMARK
1	LIQUID PIPE CONNECTION	φ1/4(φ6.4) (FRARE CONNECTION)
2	GAS PIPE CONNECTION	φ1/2(φ12.7) (FRARE CONNECTION)
3	DRAIN PIPE CONNECTION	VP20 (O.D. φ1-1/32(φ26))
4	POWER SUPPLY CONNECTION	
5	REMOTE CONTROLLER AND TRANSMISSION WIRING CONNECTION	
6	SUCTION GRILLE	
7	AIR OUTLET	
8	DRAIN HOSE(ACCESSORY)	I.D. φ1(φ25) (OUTLET)

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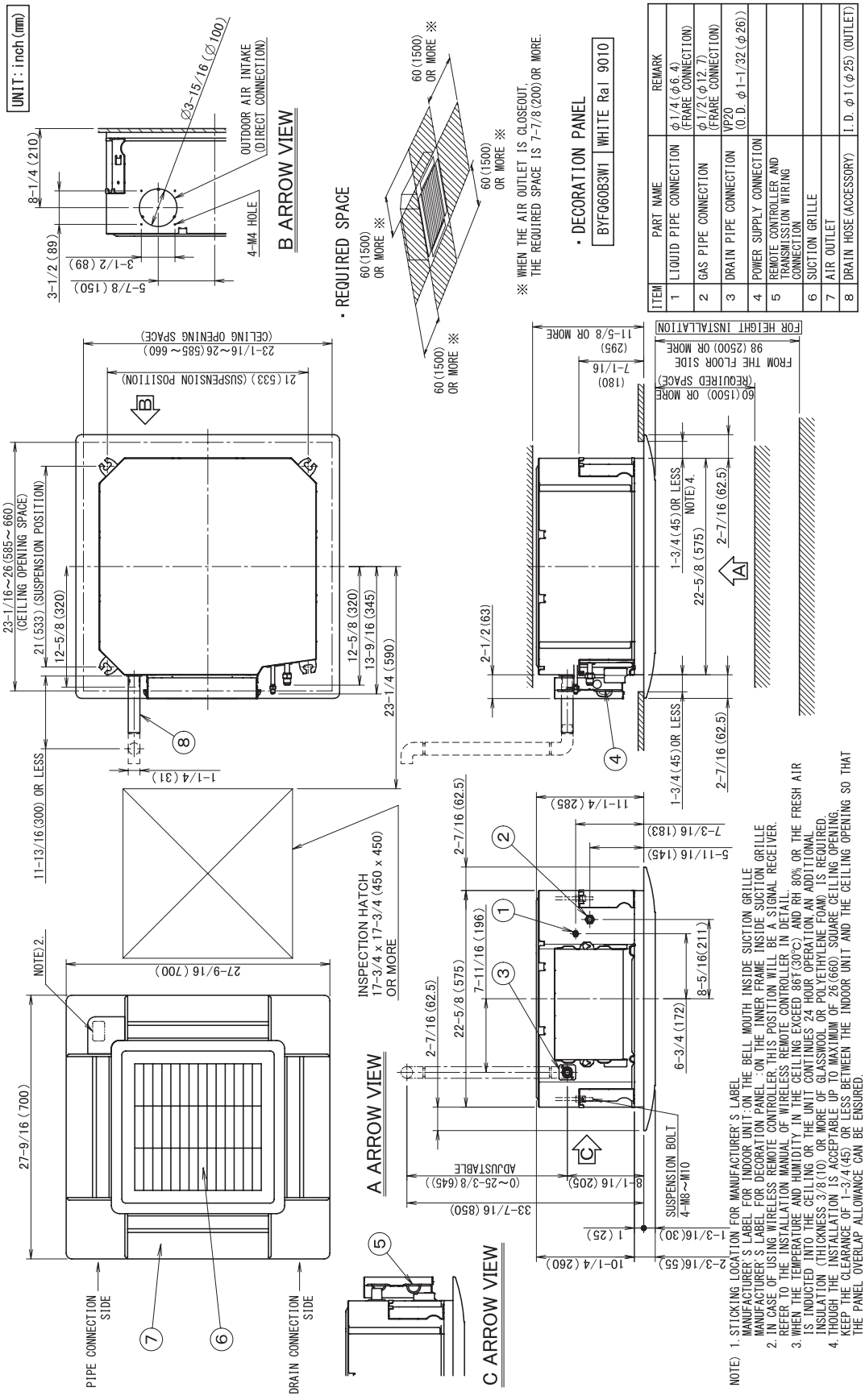
4.2 FXZQ_T (with Legacy Decoration Panel BYFQ60B3W1)

FXZQ05-18TBVJU



ITEM	PART NAME	REMARK
1	LIQUID PIPE CONNECTION	φ1/4(φ6.4) (FRARE CONNECTION)
2	GAS PIPE CONNECTION	φ1/2(φ12.7) (FRARE CONNECTION)
3	DRAIN PIPE CONNECTION	VP20 (O.D. φ1-1/32(φ26))
4	POWER SUPPLY CONNECTION	
5	REMOTE CONTROLLER AND TRANSMISSION WIRING CONNECTION	
6	SUCTION GRILLE	
7	AIR OUTLET	
8	DRAIN HOSE(ACCESSORY)	I.D. φ1(φ25) (OUTLET)

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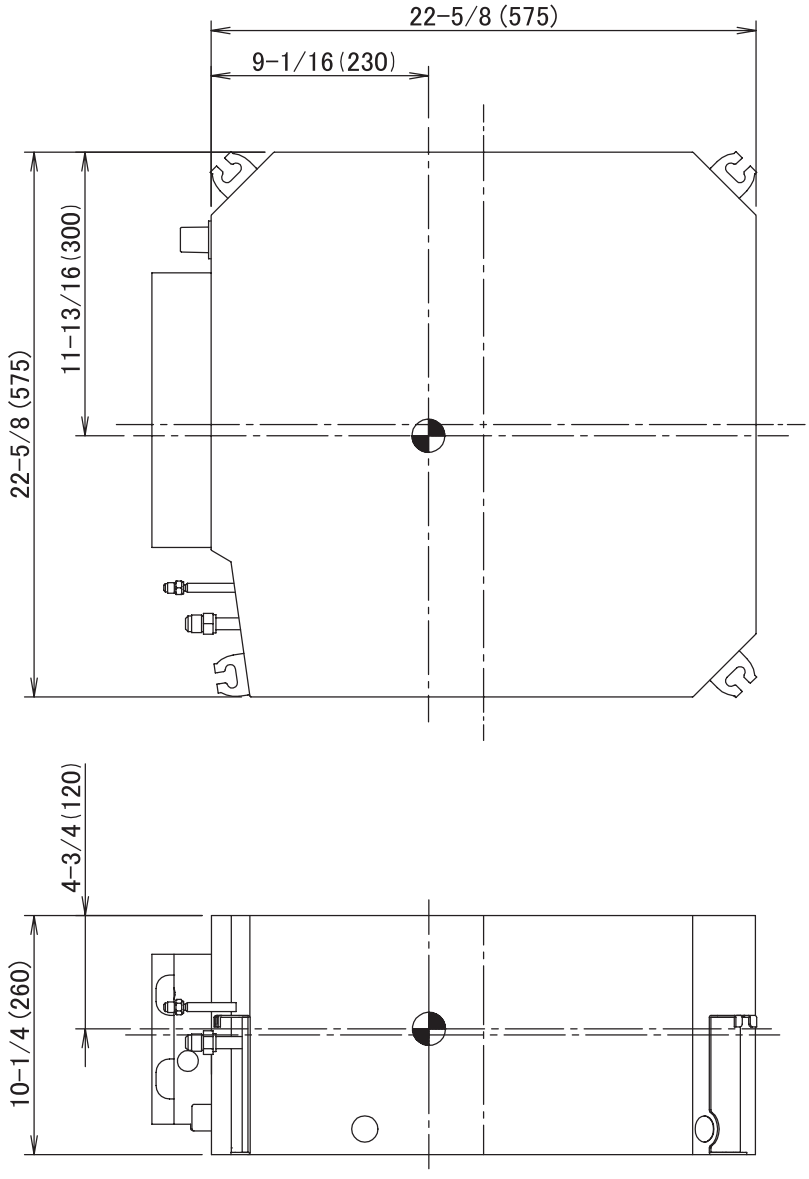
5. Center of Gravity

FXZQ05-18TBVJU

Unit: in. (mm)



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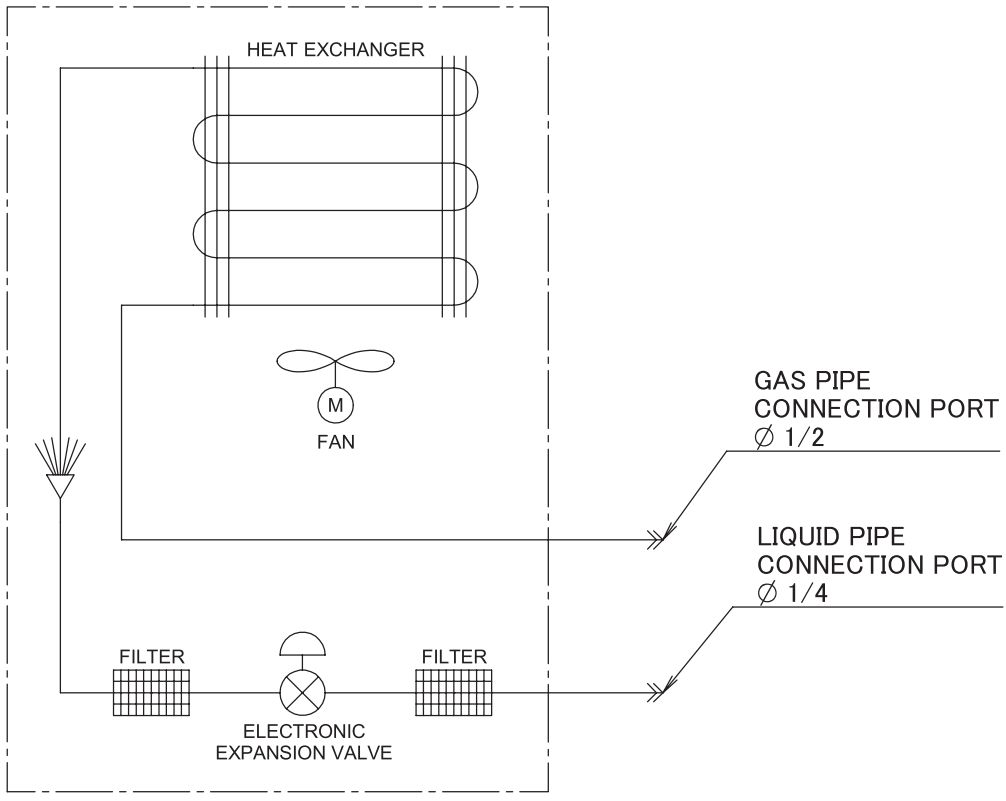
6. Piping Diagrams

FXZQ05-18TBVJU



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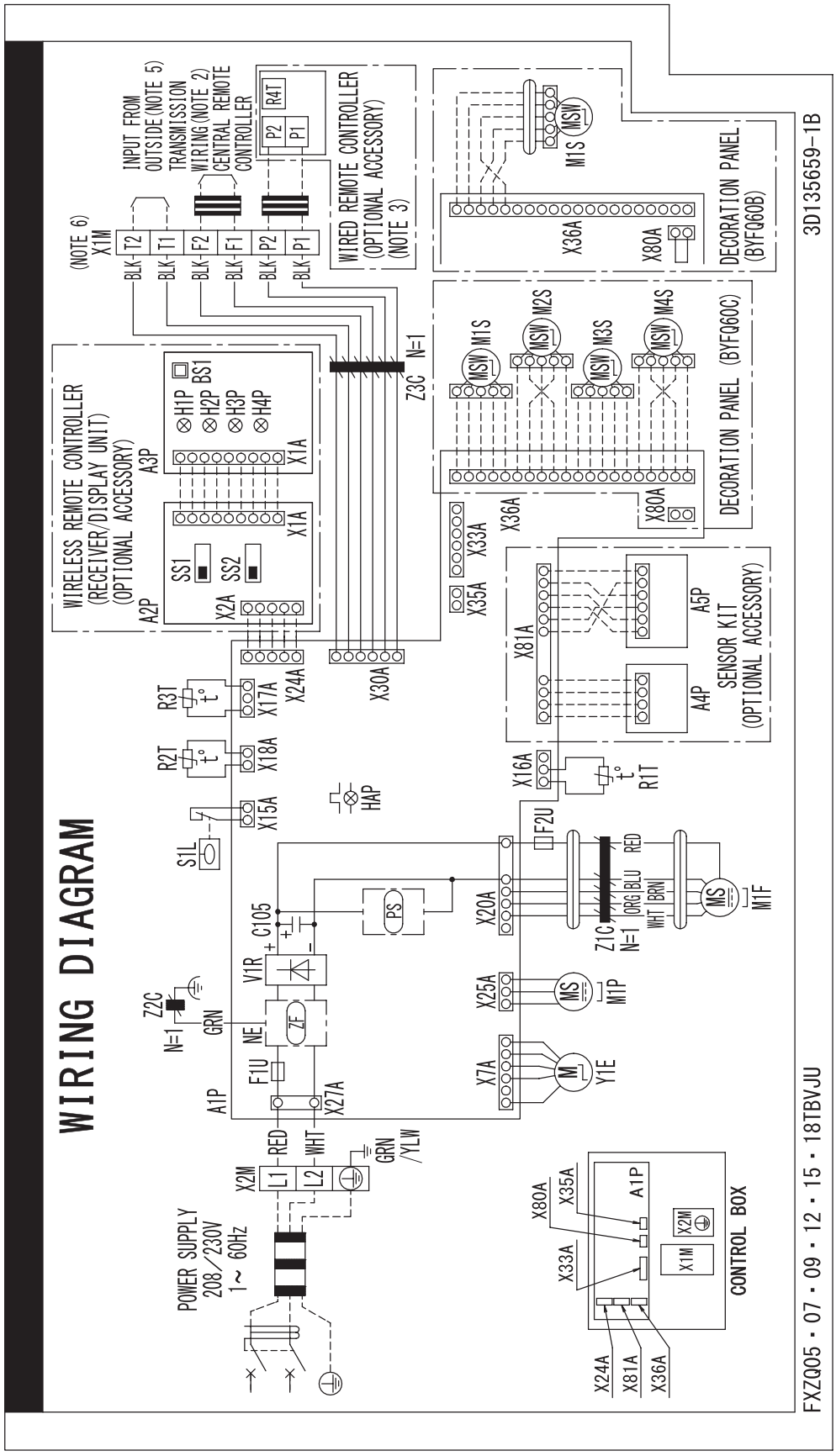
Unit: in. (mm)

Model	Gas	Liquid
FXZQ05TBVJU FXZQ07TBVJU FXZQ09TBVJU FXZQ12TBVJU FXZQ15TBVJU FXZQ18TBVJU	ϕ1/2 (ϕ12.7)	ϕ1/4 (ϕ6.4)

7. Wiring Diagrams

FXZQ05-18TBVJU



NOTES
1. □□□ : TERMINAL BLOCK, ▯ : CONNECTOR, ▮▮ : FIELD WIRING, ⏚ : PROTECTIVE GROUND (SCREW)
2. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
3. IN CASE OF MAIN/SUB CHANGEOVER, SEE THE INSTALLATION MANUAL ATTACHED TO REMOTE CONTROLLER.
4. SYMBOLS SHOW AS FOLLOWS: BLK: BLACK, RED: RED, BLU: BLUE, WHT: WHITE, YLW: YELLOW, GRN: GREEN, ORG: ORANGE, BRN: BROWN.
5. WHEN CONNECTING THE INPUT WIRING FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY THE REMOTE CONTROLLER. SEE INSTALLATION MANUAL FOR MORE DETAILS.
6. CLASS 2 WIRE.

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FXZQ05-18TBVJU

INDOOR UNIT	
A1P	PRINTED CIRCUIT BOARD (CONTROL)
C105	CAPACITOR
F1U	FUSE
F2U	FUSE
HAP	FLASHING LAMP (SERVICE MONITOR GREEN)
M1F	MOTOR (INDOOR FAN)
M1P	MOTOR (DRAIN PUMP)
M1S · M2S M3S · M4S	MOTOR (SWING BLADE)
PS	SWITCHING POWER SUPPLY
R1T	THERMISTOR (AIR)
R2T · R3T	THERMISTOR (COIL)
S1L	FLOAT SWITCH
V1R	DIODE BRIDGE
X1M	TERMINAL BLOCK
X2M	TERMINAL BLOCK
Y1E	ELECTRONIC EXPANSION VALVE
Z1F	NOISE FILTER
Z1C	FERRITE CORE
Z2C	FERRITE CORE
Z3C	FERRITE CORE
WIRELESS REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)	
A2P	PRINTED CIRCUIT BOARD
A3P	PRINTED CIRCUIT BOARD
BS1	PUSH BUTTON SWITCH (ON/OFF)
H1P	PILOT LAMP (ON-RED)
H2P	PILOT LAMP (TIMER-GREEN)
H3P	PILOT LAMP (FILTER SIGN-RED)
H4P	PILOT LAMP (DEFROST-ORANGE)
SS1	SELECTOR SWITCH (MAIN/SUB)
SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
SENSOR KIT	
A4P	PRINTED CIRCUIT BOARD
A5P	PRINTED CIRCUIT BOARD
WIRED REMOTE CONTROLLER	
R4T	THERMISTOR (AIR)
CONNECTOR FOR OPTIONAL PARTS	
X24A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
X33A	CONNECTOR (ADAPTOR FOR WIRING)
X35A	CONNECTOR (POWER SUPPLY FOR ADAPTOR)
X81A	CONNECTOR (SENSOR KIT)

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8. Electric Characteristics

FXZQ05-18TBVJU

Model	Power supply					IFM		Input [W]		SCCR
	Hz	Voltage	Voltage range	MCA	MOP	KW	FLA	Cooling	Heating	
FXZQ05TBVJU	60	208/230 V	Max. 253 V Min. 187 V	0.3	15	0.05	0.2	43	36	SCCR kA rms, Symmetrical @600V MAX:5
FXZQ07TBVJU				0.3	15	0.05	0.2	43	36	
FXZQ09TBVJU				0.3	15	0.05	0.2	43	36	
FXZQ12TBVJU				0.4	15	0.05	0.3	45	38	
FXZQ15TBVJU				0.4	15	0.05	0.3	59	53	
FXZQ18TBVJU				0.6	15	0.05	0.5	92	86	

Symbol:

MCA: MINIMUM CIRCUIT AMPACITY (A)
MOP: MAXIMUM OVERCURRENT PROTECTIVE DEVICE (A)
KW: FAN MOTOR RATED OUTPUT (kW)
FLA: FULL LOAD AMPERE (A)
IFM: INDOOR FAN MOTOR
SCCR: SHORT-CIRCUIT CURRENT RATING

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phase is 2%.
3. MCA/MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating minimum 15 A.)
4. Select wiring size based on the MCA.
5. Cooling power input value includes power required to operate the built-in drain pump.

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Model		FXZQ05TBVJU		FXZQ07TBVJU		FXZQ09TBVJU		FXZQ12TBVJU		FXZQ15TBVJU		FXZQ18TBVJU	
Operation mode		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Input power (W)	H	43	36	43	36	43	36	45	38	59	53	92	86
	M	36	29	36	29	36	29	39	32	47	40	72	65
	L	27	20	27	20	27	20	30	23	36	29	50	43

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9. Safety Devices Setting

Model		FXZQ05TBVJU	FXZQ07TBVJU	FXZQ09TBVJU	FXZQ12TBVJU	FXZQ15TBVJU	FXZQ18TBVJU
Printed circuit board fuse		250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A
Fan motor thermal fuse	°F (°C)	–	–	–	–	–	–
Fan motor thermal protector	°F (°C)	–	–	–	–	–	–
Drain pump fuse	°F (°C)	–	–	–	–	–	–

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10. Capacity Tables

10.1 Cooling Capacity at Te: 43°F (6°C)

Model	Indoor air temp. °FWB (°CWB) (Te: 43°F (6°C))											
	61 (16.1)		64 (17.8)		67 (19.4)		70 (21.1)		72 (22.2)		75 (23.9)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
FXZQ05TBVJU	4.7	4.3	5.2	4.7	5.8	4.7	6.0	4.5	6.0	4.3	6.3	4.0
FXZQ07TBVJU	6.1	5.0	6.9	5.7	7.5	5.5	7.9	5.3	8.0	5.3	8.0	5.0
FXZQ09TBVJU	7.6	6.0	8.4	6.6	9.5	6.6	9.9	6.4	9.9	6.2	10.2	5.9
FXZQ12TBVJU	9.5	6.9	10.9	7.8	12.0	7.8	12.5	7.6	12.7	7.4	13.0	7.2
FXZQ15TBVJU	11.9	9.5	13.5	10.4	15.0	10.8	15.7	10.4	16.1	10.1	16.3	9.8
FXZQ18TBVJU	14.3	11.4	16.0	12.5	18.0	13.0	18.7	12.8	18.9	12.5	19.4	12.3

TC: Total capacity: MBH
SHC: Sensible heat capacity: MBH

Note:

1. These capacity tables can be used when selecting a ***VRV*** indoor unit. The actual capacity of the ***VRV*** system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the ***VRV*** system satisfies the required heat load.
2. ▭ shows rated condition.

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10.2 Heating Capacity

Model	Indoor air temp. °FDB (°CDB) (Tc: 115°F (46°C))					
	62 (16.7)	65 (18.3)	68 (20.0)	70 (21.1)	72 (22.2)	75 (23.9)
	TC	TC	TC	TC	TC	TC
	MBH	MBH	MBH	MBH	MBH	MBH
FXZQ05TBVJU	7.2	7.2	6.9	6.5	6.5	6.2
FXZQ07TBVJU	9.3	9.2	8.9	8.5	8.1	7.8
FXZQ09TBVJU	11.6	11.4	10.9	10.5	10.1	9.6
FXZQ12TBVJU	14.6	14.5	13.9	13.5	12.8	12.2
FXZQ15TBVJU	18.5	18.3	17.7	17.0	16.6	15.7
FXZQ18TBVJU	21.7	21.6	20.7	20.0	19.3	18.2

TC: Total capacity: MBH

Note:

1. These capacity tables can be used when selecting a ***VRV*** indoor unit. The actual capacity of the ***VRV*** system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the ***VRV*** system satisfies the required heat load.
2. ▭ shows rated condition.

C: CA17A794

10.3 Correction Factor for Cooling Capacity at Te: 48°F (9°C)

Refer to the correction factor table below when a mini-split indoor unit is connected to a ***VRV*** Heat Pump system using a Branch Port box.

Model	Indoor air temp. °FWB (°CWB) (Te: 48°F (9°C))													
	57 (13.9)		61 (16.1)		64 (17.8)		67 (19.4)		70 (21.1)		72 (22.2)		75 (23.9)	
	TC	SHF	TC	SHF	TC	SHF	TC	SHF	TC	SHF	TC	SHF	TC	SHF
FXZQ05TBVJU	0.65	1.21	0.72	1.15	0.76	1.12	0.82	1.06	0.84	1.05	0.85	1.04	0.87	1.03
FXZQ07TBVJU	0.65	1.20	0.72	1.15	0.76	1.12	0.82	1.06	0.84	1.05	0.85	1.04	0.87	1.03
FXZQ09TBVJU	0.64	1.21	0.72	1.15	0.76	1.12	0.82	1.06	0.84	1.05	0.85	1.04	0.87	1.03
FXZQ12TBVJU	0.64	1.21	0.72	1.15	0.76	1.12	0.82	1.06	0.84	1.05	0.85	1.04	0.87	1.03
FXZQ15TBVJU	0.65	1.21	0.72	1.15	0.76	1.12	0.82	1.06	0.84	1.05	0.85	1.04	0.87	1.03
FXZQ18TBVJU	0.64	1.22	0.72	1.14	0.76	1.12	0.82	1.06	0.84	1.04	0.85	1.04	0.87	1.03

TC: Total capacity
SHF: Sensible heat factor

C: CA17A794

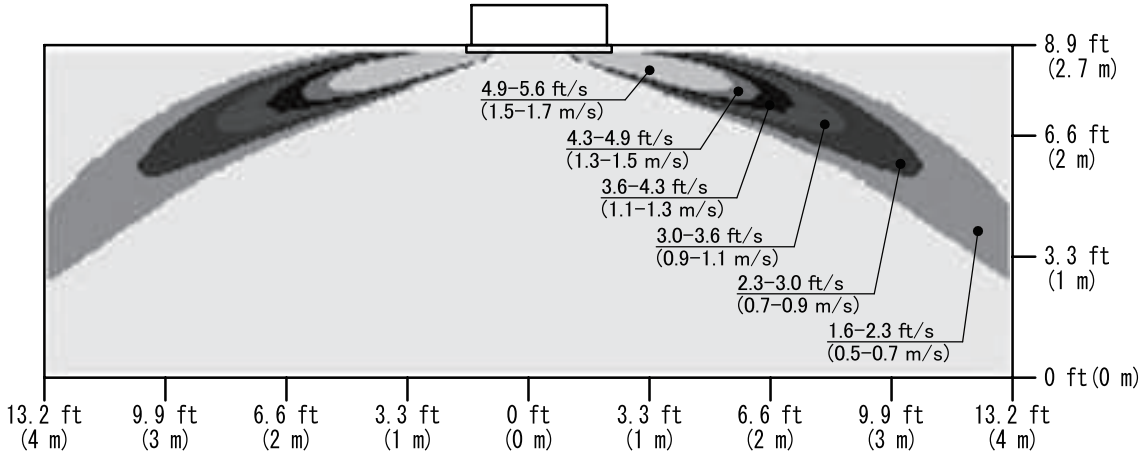
11. Air Velocity and Temperature Distributions (Reference Data)

11.1 Cooling Mode

FXZQ05TBVJU <Cooling mode>

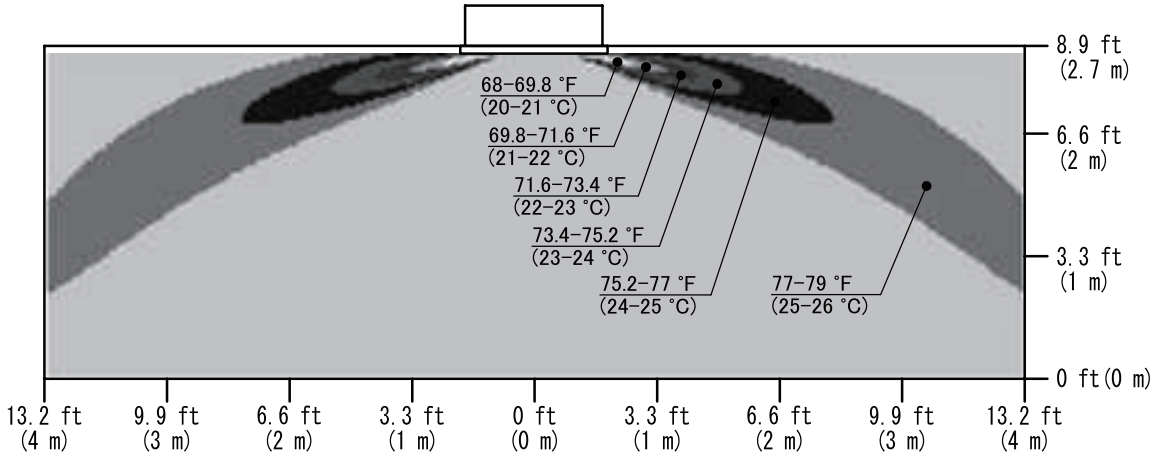
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

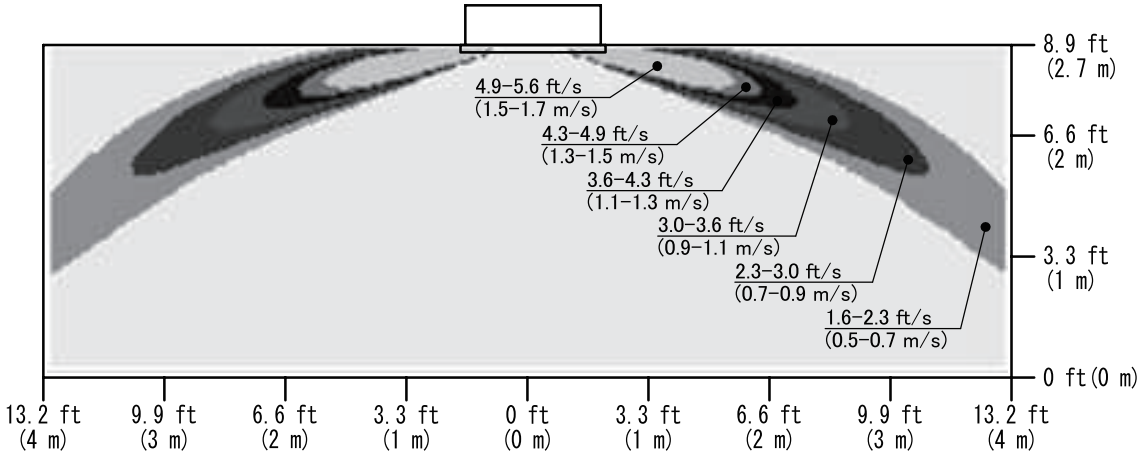


4D137361

FXZQ07TBVJU <Cooling mode>

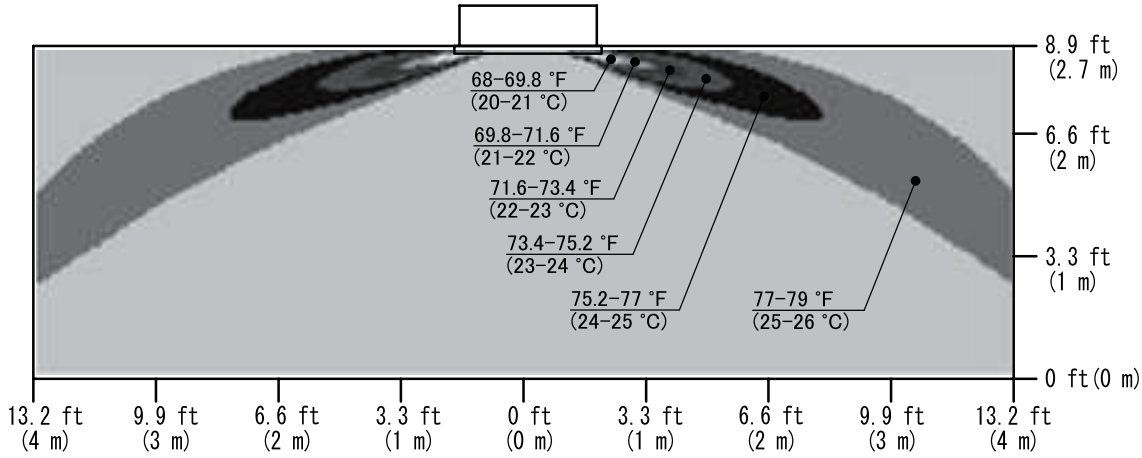
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

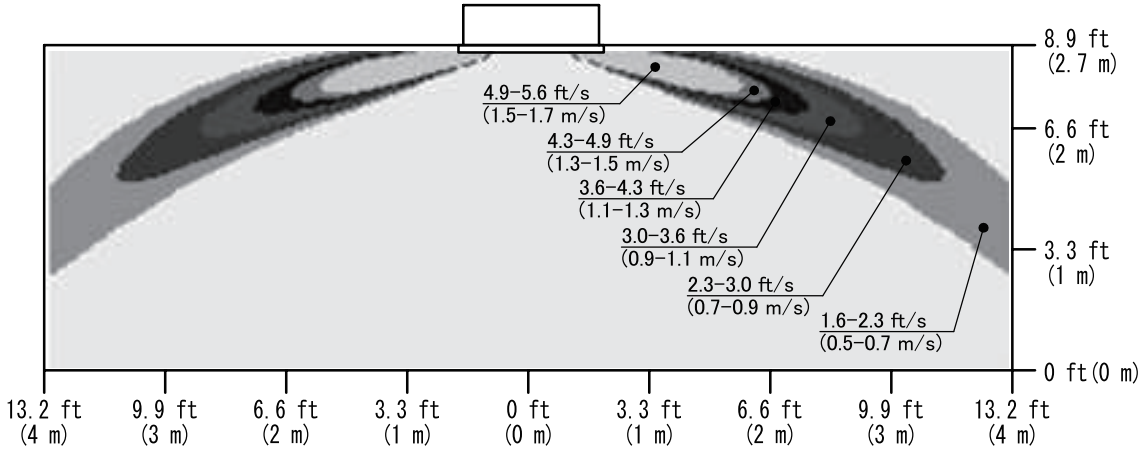


4D137362

FXZQ09TBVJU <Cooling mode>

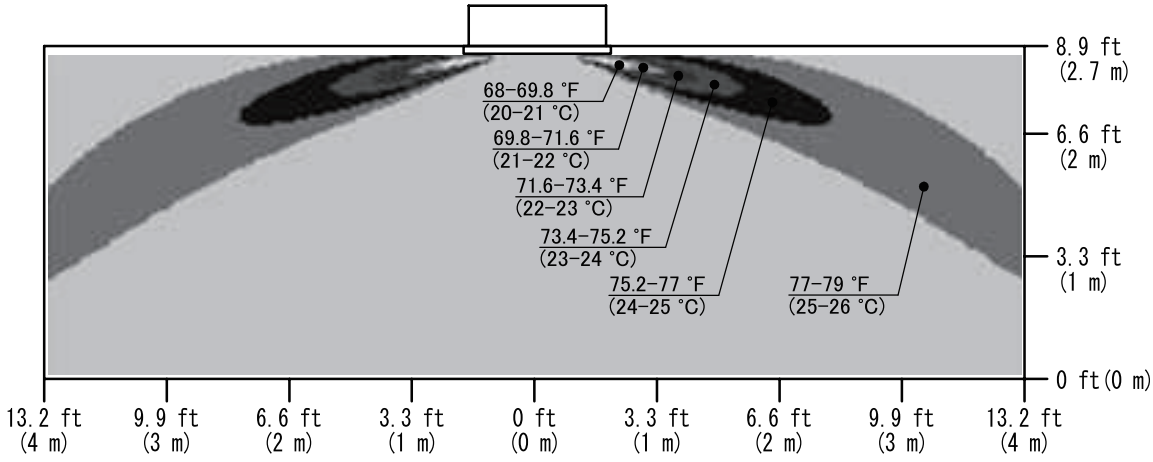
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

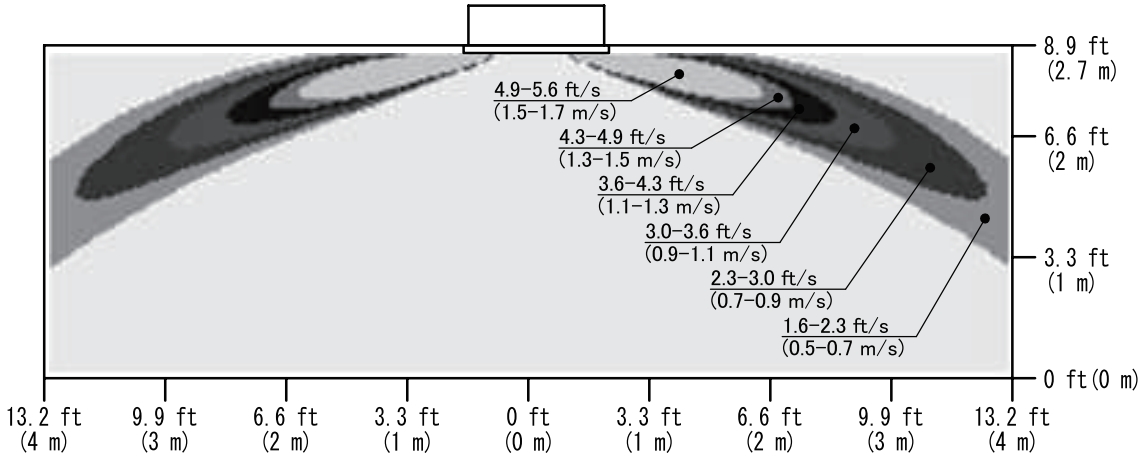


4D137363

FXZQ12TBVJU <Cooling mode>

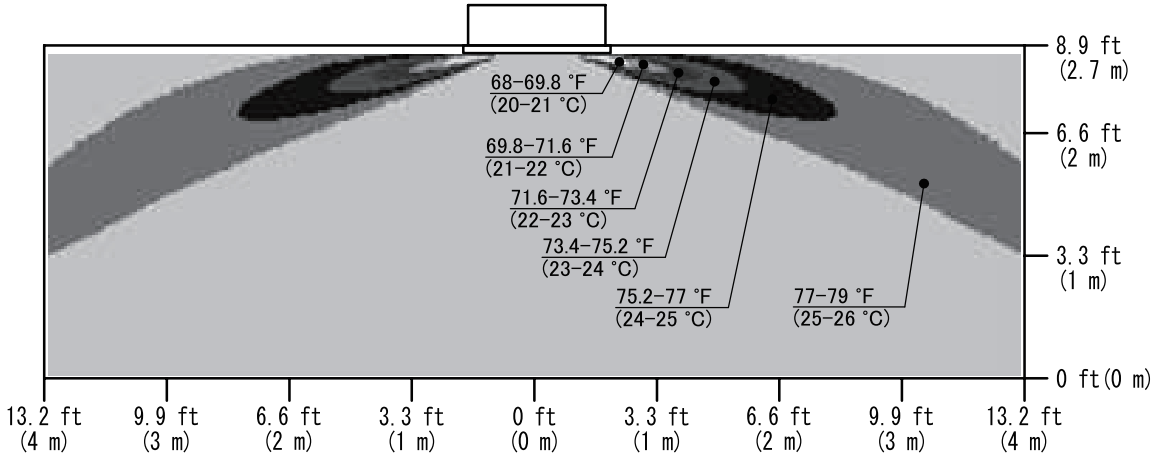
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

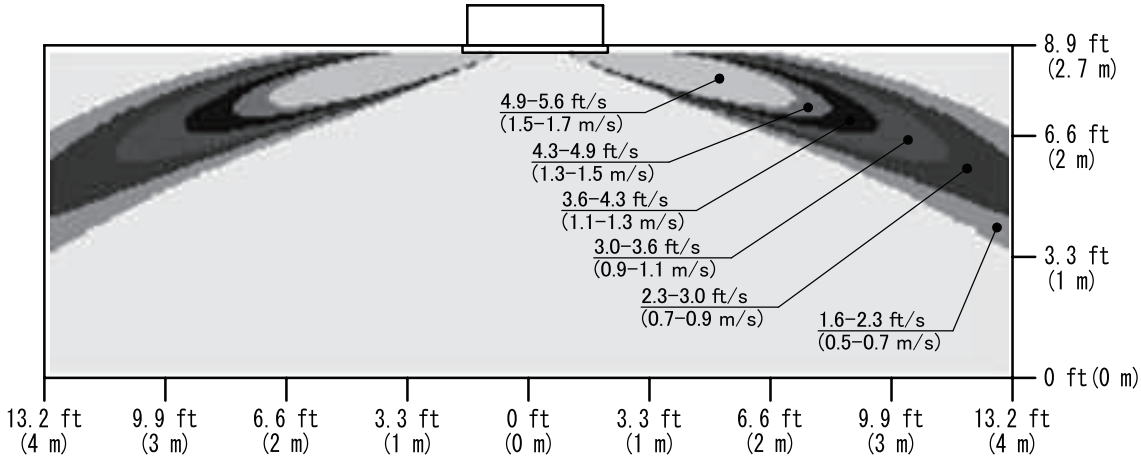


4D137364

FXZQ15TBVJU <Cooling mode>

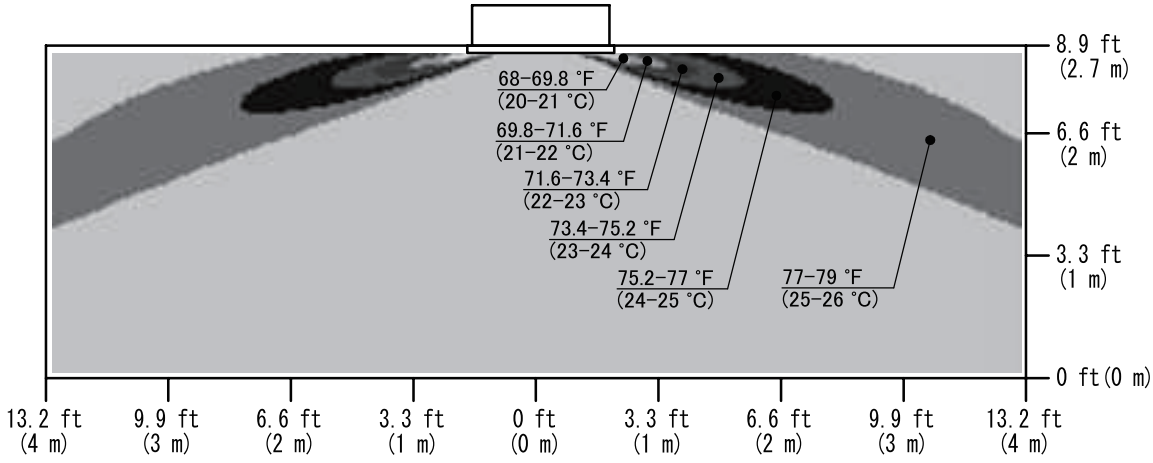
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL

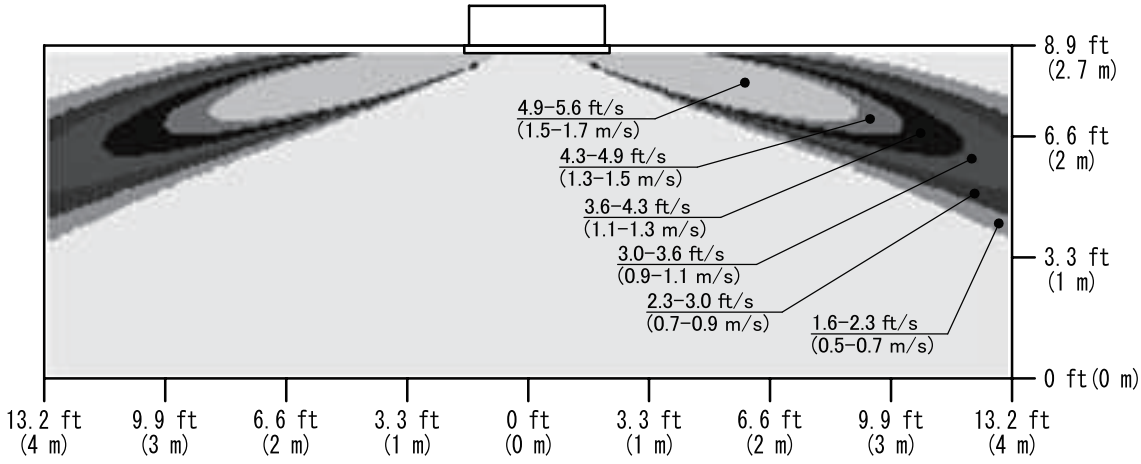


4D137365

FXZQ18TBVJU <Cooling mode>

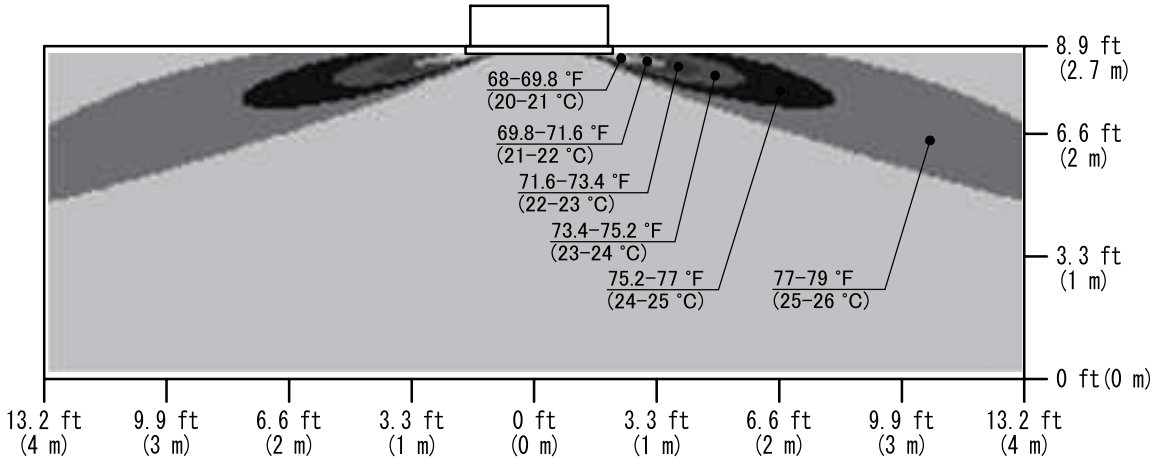
COOLING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



COOLING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : HORIZONTAL



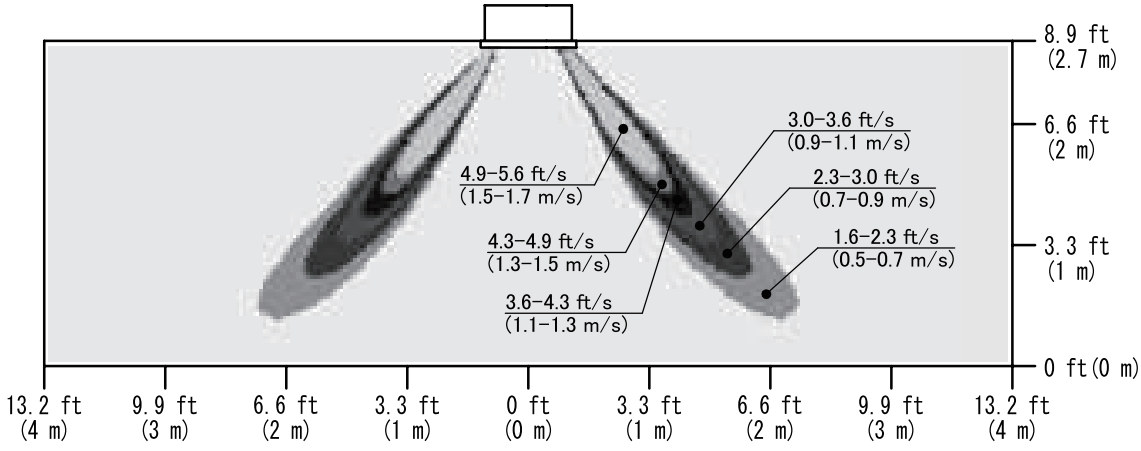
4D137366

11.2 Heating Mode

FXZQ05TBVJU <Heating mode>

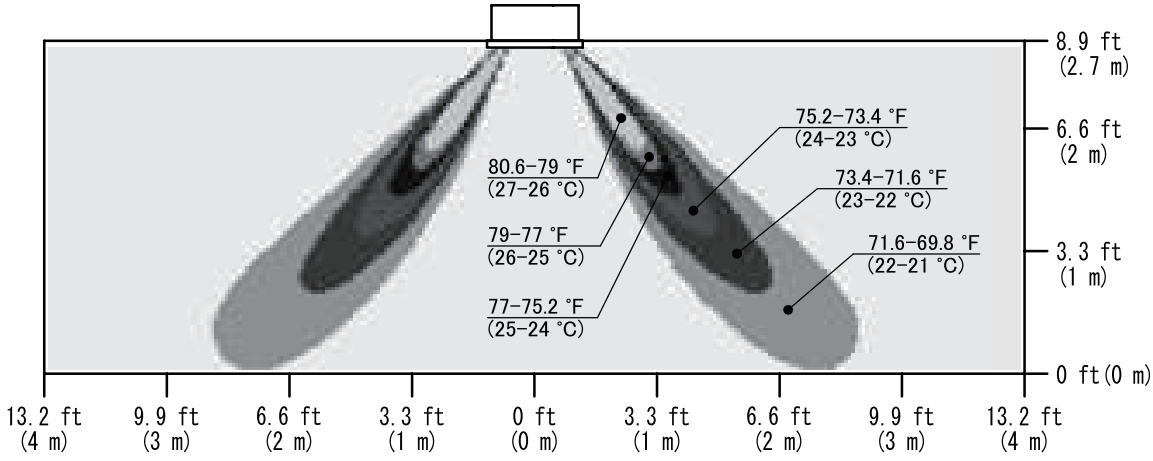
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

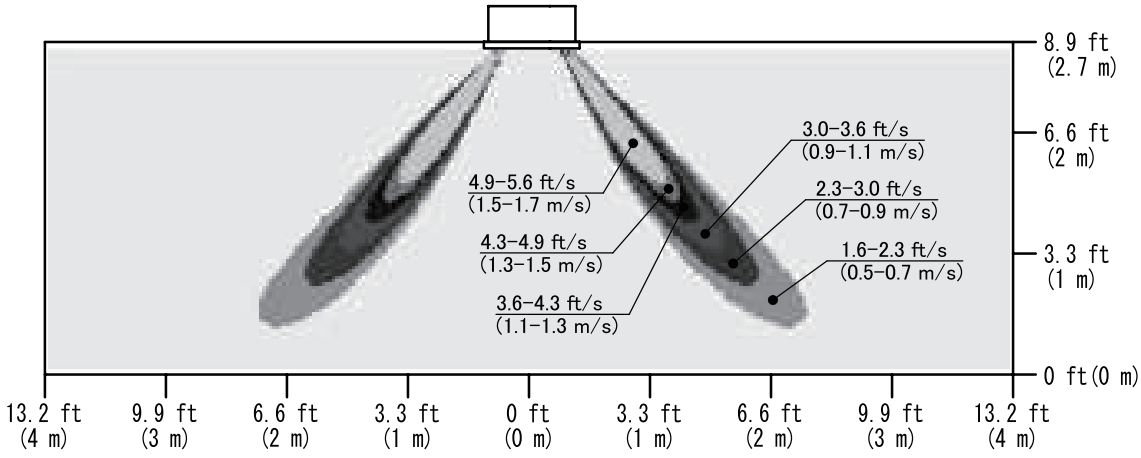


4D137367

FXZQ07TBVJU <Heating mode>

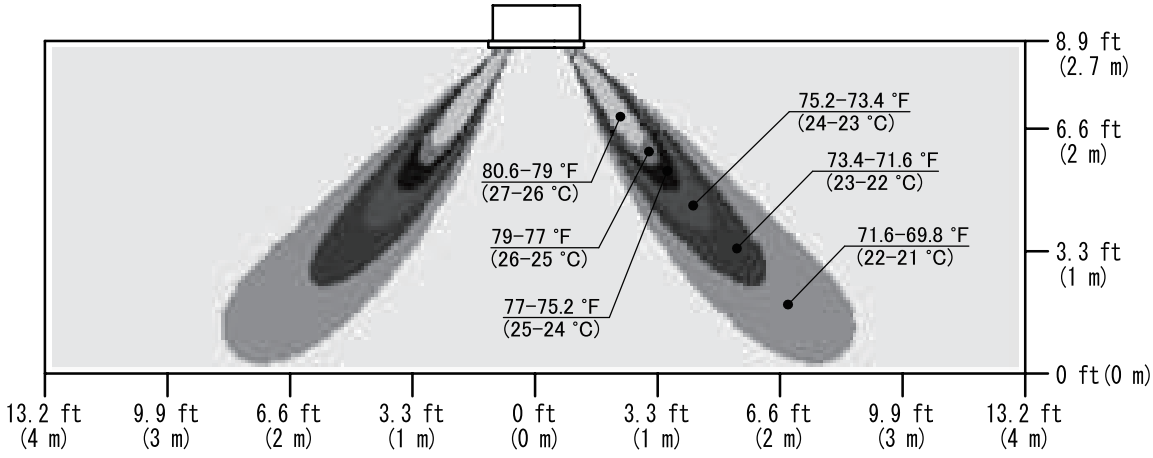
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

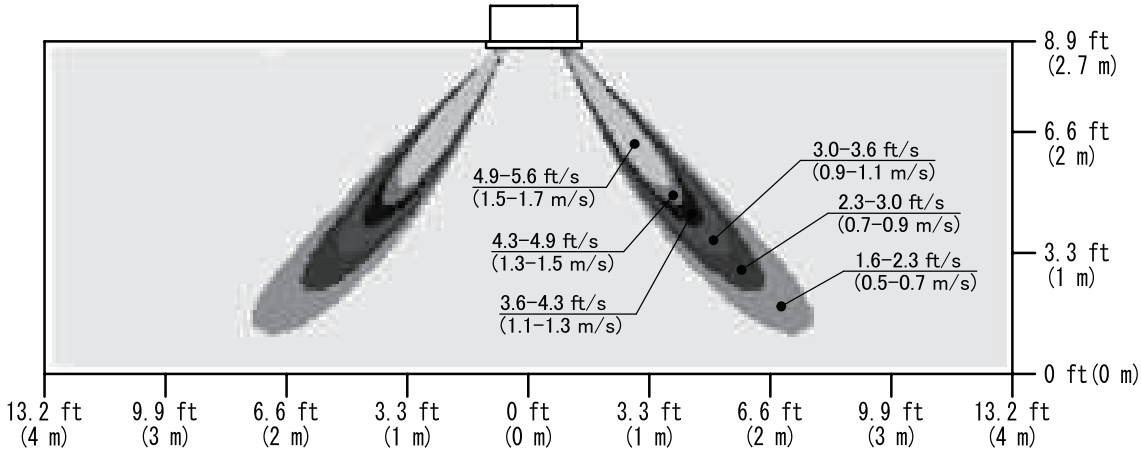


4D137368

FXZQ09TBVJU <Heating mode>

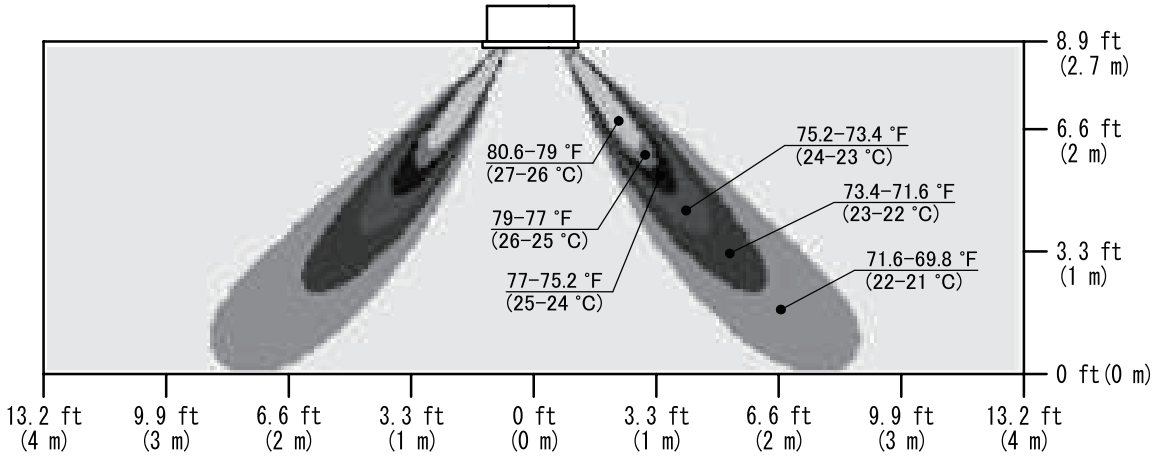
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

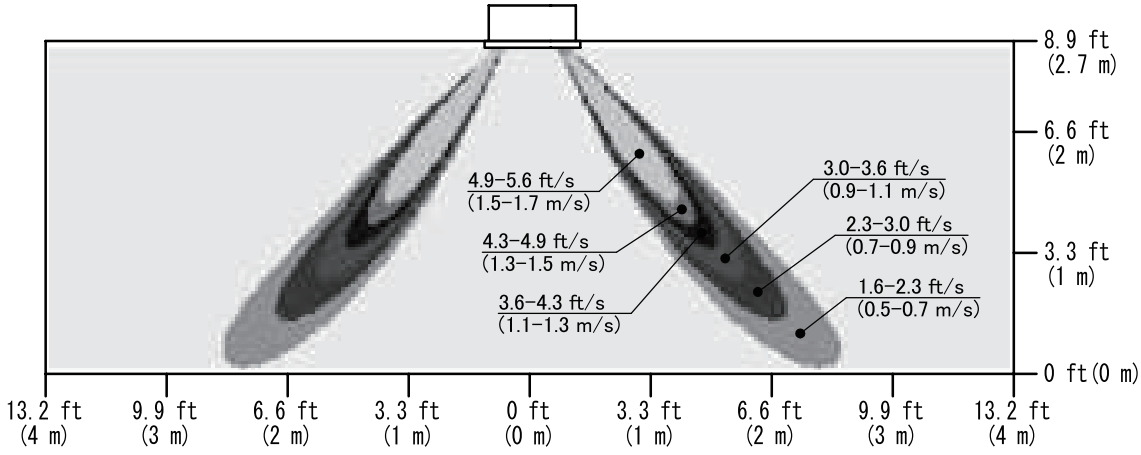


4D137369

FXZQ12TBVJU <Heating mode>

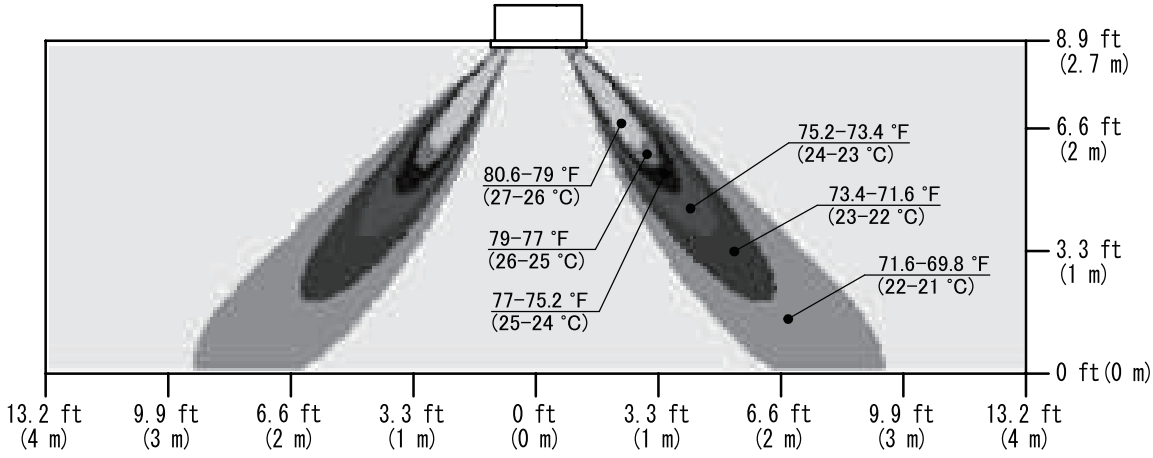
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

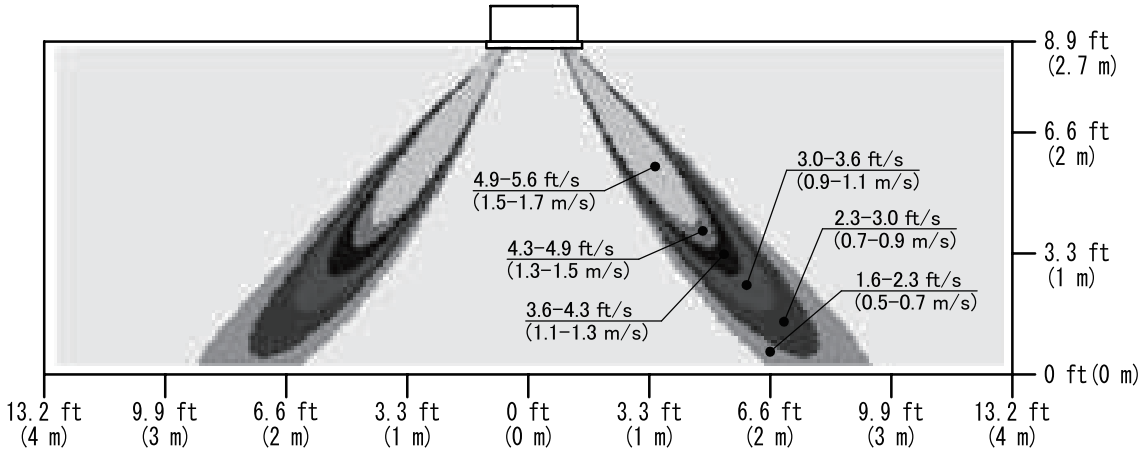


4D137370

FXZQ15TBVJU <Heating mode>

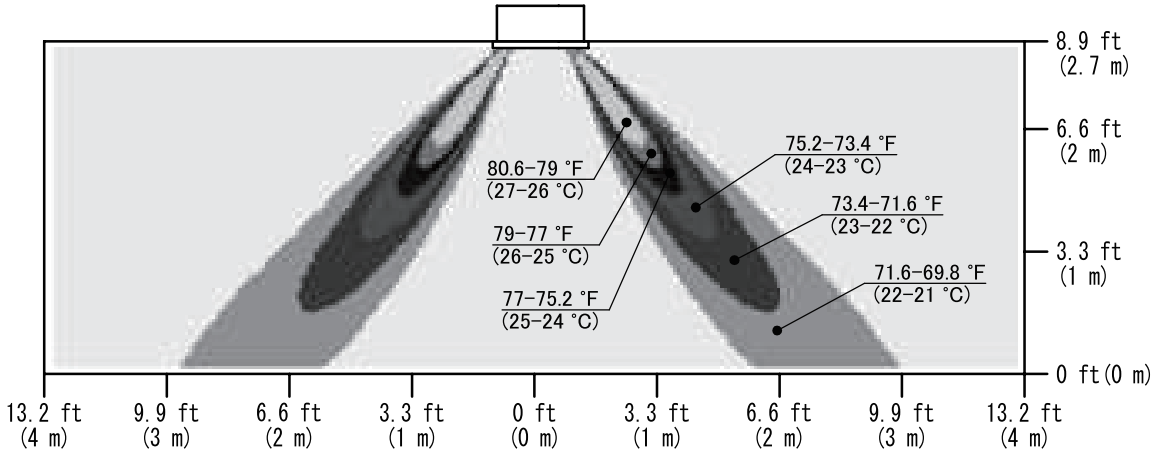
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

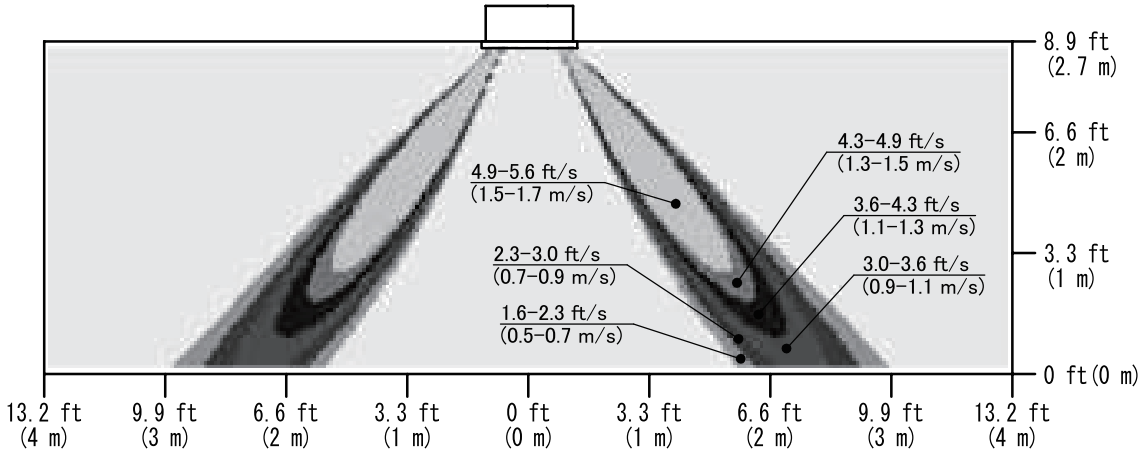


4D137371

FXZQ18TBVJU <Heating mode>

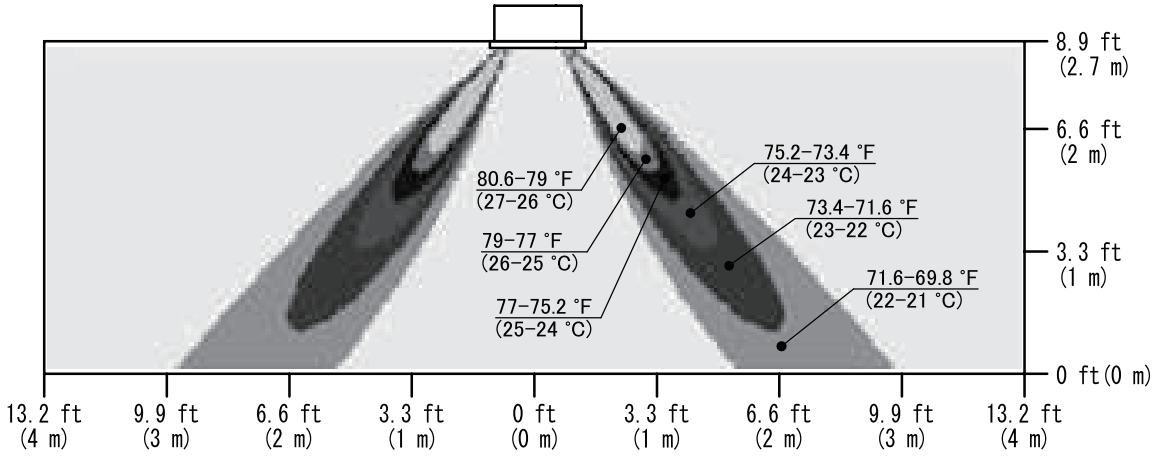
HEATING AIR VELOCITY DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD



HEATING AIR TEMPERATURE DISTRIBUTION

ALL ROUND AIR DISCHARGE, AIR FLOW DIRECTION : DOWNWARD

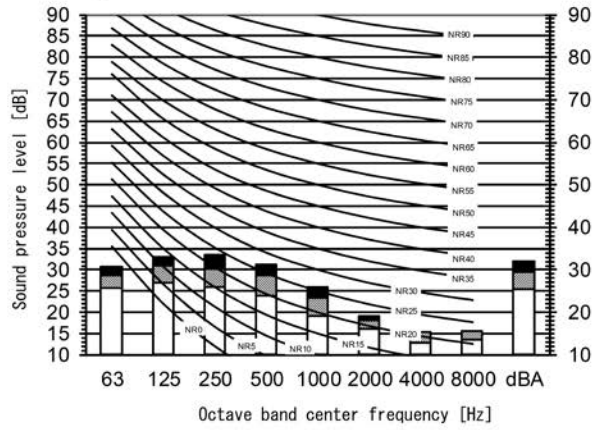


4D137372

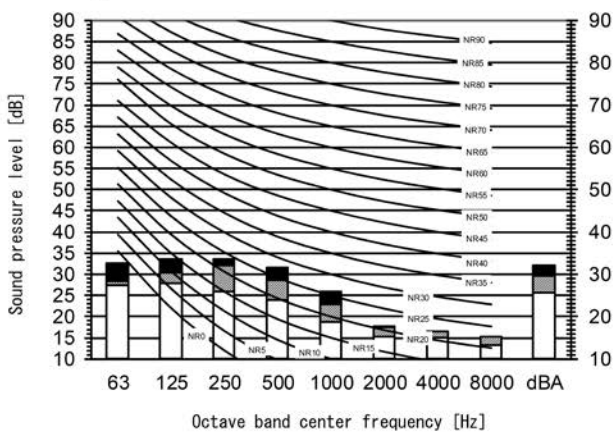
12.Sound Levels (Reference Data)

FXZQ05-07TBVJU

Cooling mode

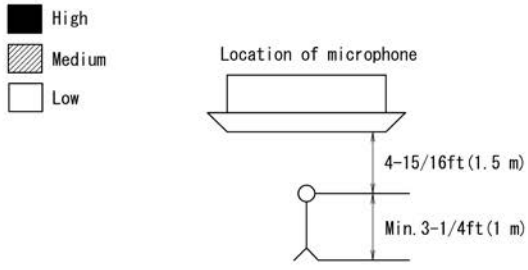


Heating mode



Legend

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



Cooling Total dBA

Scale	High	Medium	Low
dBA	32	29.5	25.5

Heating Total dBA

Scale	High	Medium	Low
dBA	32	29.5	25.5

Notes

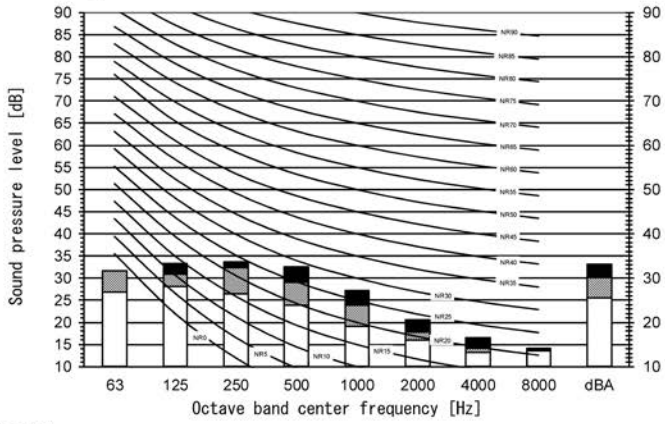
1. Data is valid at free field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Sound power [dBA]

High	49 dBA

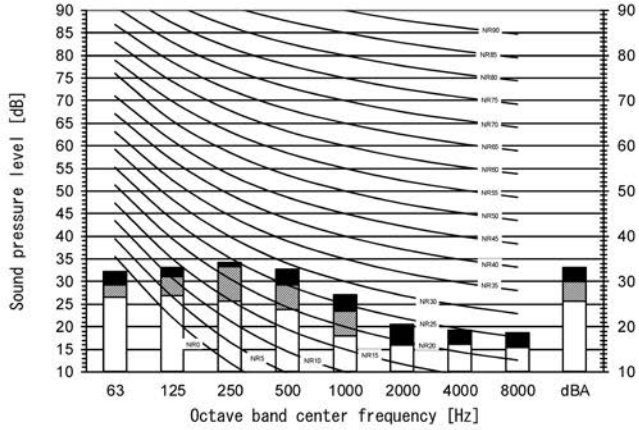
3D137355

FXZQ09TBVJU

Cooling mode

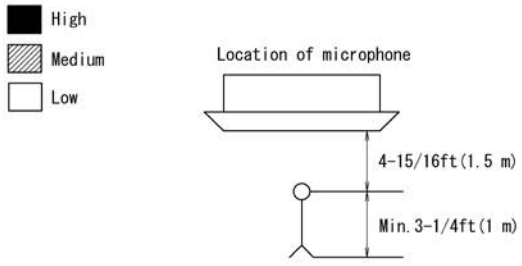


Heating mode



Legend

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



Cooling Total dBA

Scale	High	Medium	Low
dBA	33	30	25.5

Heating Total dBA

Scale	High	Medium	Low
dBA	33	30	25.5

Notes

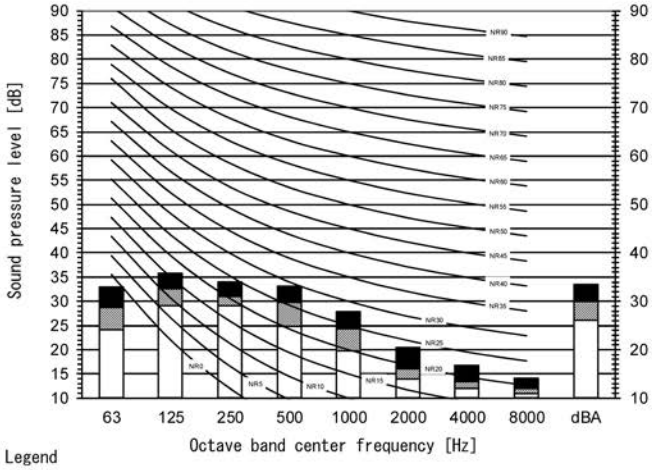
1. Data is valid at free field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Sound power [dBA]

High	50 dBA

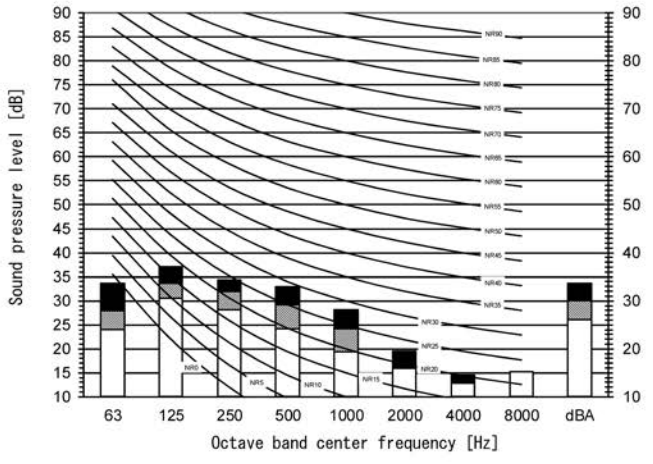
3D137356

FXZQ12TBVJU

Cooling mode



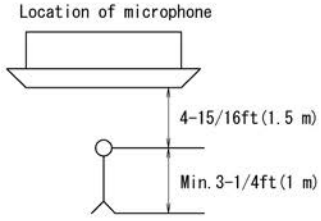
Heating mode



Legend

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

High
Medium
Low



Cooling Total dBA

Scale	High	Medium	Low
dBA	33.5	30	26

Heating Total dBA

Scale	High	Medium	Low
dBA	33.5	30	26

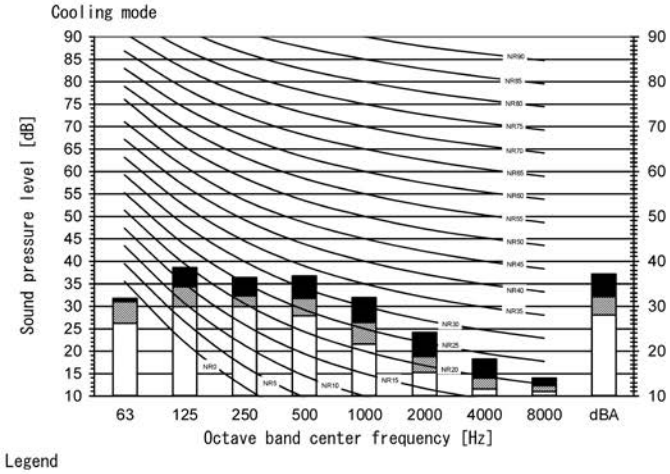
Notes

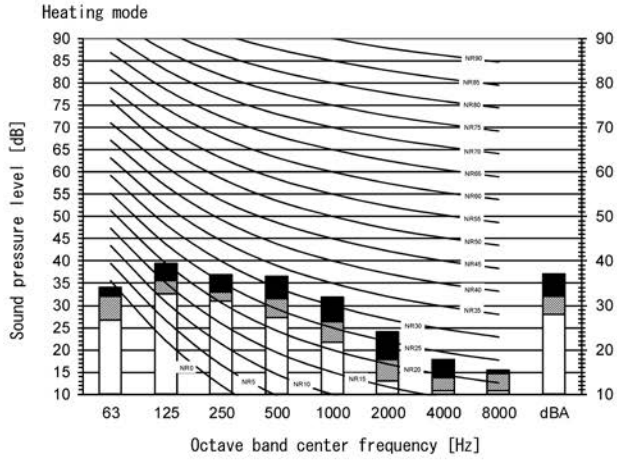
1. Data is valid at free field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Sound power [dBA]

High	51 dBA

3D137357

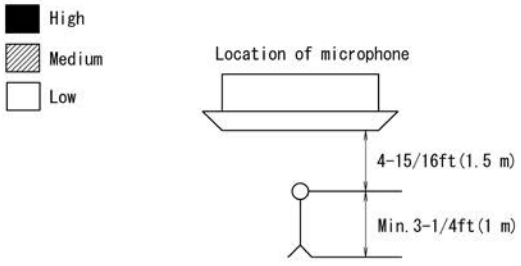
FXZQ15TBVJU





Legend

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



Cooling Total dBA

Scale	High	Medium	Low
dBA	37	32	28

Heating Total dBA

Scale	High	Medium	Low
dBA	37	32	28

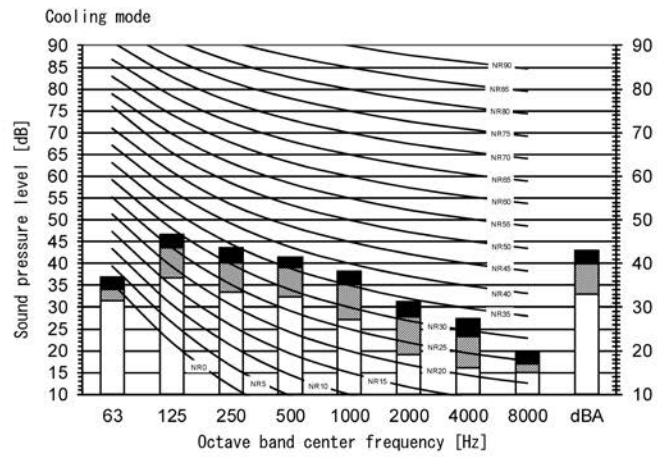
Notes

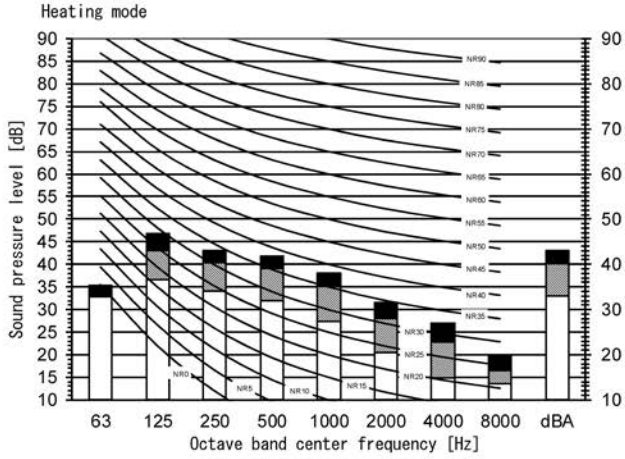
1. Data is valid at free field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Sound power [dBA]

High	54 dBA

3D137358

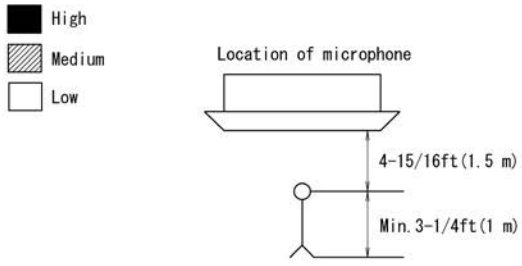
FXZQ18TBVJU





Legend

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



Cooling Total dBA

Scale	High	Medium	Low
dBA	43	40	33

Heating Total dBA

Scale	High	Medium	Low
dBA	43	40	33

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. Sound power [dBA]

High	60 dBA

3D137359

13.Accessories

13.1 Optional Accessories (for Unit)

Option name	Model	
	FXZQ05TBVJU FXZQ07TBVJU FXZQ09TBVJU FXZQ12TBVJU FXZQ15TBVJU FXZQ18TBVJU	
Decoration panel	BYFQ60C3W2W	—
	—	BYFQ60B3W1 *1
Relay wire harness adaptor for panel	—	BER01A1
Sensor kit	BRYQ60AAW	—
Panel spacer	—	KDBQ44BA60A
Sealing member of air discharge outlet	BDBHQ44C60	
Replacement long life filter	KAFQ441BA60	
Fresh air intake kit	KDDQ44XA60	

Note:

*1. This panel requires Relay wire harness adaptor BER01A1 for connection.

C: 4D137353

13.2 Optional Accessories (for Controls)

Refer to latest Controls Engineering Manual.

The latest controls engineering manual is available in Daikin City and can be downloaded using the path below.

Document Library → Product Category → VRV → VRV → Engineering Data Manual → “EM-Controls Optional Accessories”

Warning

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any inquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

●Specifications, designs and other content appearing in this brochure are current as of February 2022 but subject to change without notice.

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