EDUS39-600A-F2
202103

DAIKIN

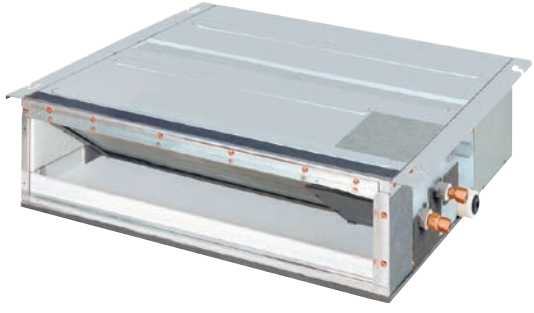
Engineering Data

Slim Ceiling Mounted Duct Type

FXDQ-MVJU

60 Hz

R-410A



VRV

Table of Contents

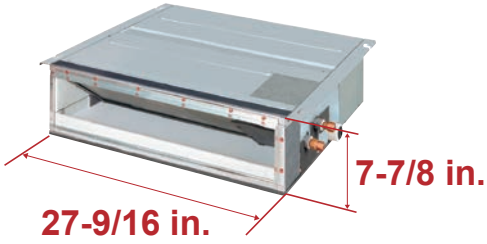
1. Features and Benefits

Concealed, Slim, Quiet, Comfortable

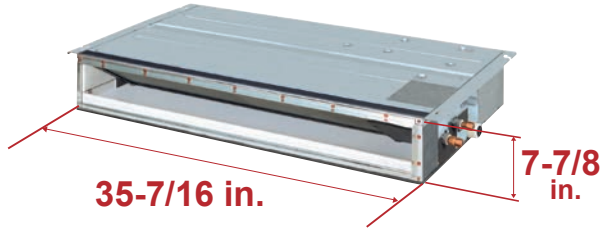
The LSP slim concealed unit is available for use with the ***VRV*** systems to complement the existing concealed ceiling unit options. With its low profile and low sound level this unit can be installed into limited ceiling void, bulkhead, or soffit space.

- Slim height, at only 7-7/8” and service space requirement of only 9-1/2”, makes it suitable for most of the applications where attic / bulkhead space is limited
- With a sound level down to 29 dB(A) these units are among the quietest on the market
- Factory shipped for rear air inlet — field convertible to bottom air inlet
- Washable filter included
- Integral condensate pump with vertical lift of up to 21-5/8” included as standard
- Blends unobtrusively with any interior decor; only the suction and discharge grills are visible
- External static pressure selectable by remote controller
- Backed by 10 year parts limited warranty

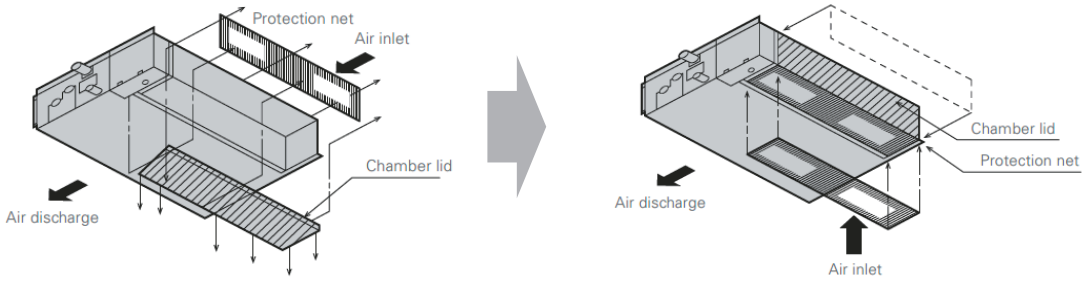
FXDQ07M / FXDQ09M / FXDQ12M



FXDQ18M / FXDQ24M



Easily Convertible from factory rear return to bottom return



2. Specifications

Slim ceiling mounted duct type

Model			FXDQ07MVJU	FXDQ09MVJU
Power supply			1 phase, 60 Hz, 208/230 V	1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h	7,500	9,500
★2, ★3 Heating capacity		Btu/h	8,500	10,500
Casing/Color			Galvanized steel plate	Galvanized steel plate
Dimensions: (H × W × D)		in.	7-7/8 × 27-9/16 × 24-7/16	7-7/8 × 27-9/16 × 24-7/16
Coil (cross fin coil)	Rows × Stages × FPI		2 × 12 × 17	2 × 12 × 17
	Face area	ft²	1.36	1.36
Fan	Model		—	—
	Type		Sirocco fan	Sirocco fan
	Motor output	HP	0.08	0.08
	Air flow rate (H/L)	cfm	280/226	280/226
	External static pressure	Pa	30-10 ★4	30-10 ★4
	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 polyethylene	Foamed polyethylene
Air filter			Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
★5 Sound pressure level (reference data) (H/L)		dBA	33/29	33/29
Weight		lbs	51	51
Piping connections	Liquid pipes	in.	ϕ1/4 (flare connection)	ϕ1/4 (flare connection)
	Gas pipes	in.	ϕ1/2 (flare connection)	ϕ1/2 (flare connection)
	Drain pipe	in.	VP20 (external dia. 1-1/32, internal dia. 25/32)	VP20 (external dia. 1-1/32, internal dia. 25/32)
Safety devices			Fuse, Thermal protector for fan motor	Fuse, Thermal protector for fan motor
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series	R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Paper pattern for installation, Drain hose, Clamp metal, Insulation for fitting, Sealing pads, Clamps, Screws, Washers, Conduit mounting plate, Insulation tube	Operation manual, Installation manual, Paper pattern for installation, Drain hose, Clamp metal, Insulation for fitting, Sealing pads, Clamps, Screws, Washers, Conduit mounting plate, Insulation tube

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80°FDB, 67°FWB
Outdoor temperature: 95°FDB
Equivalent refrigerant piping length: 25 ft (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70°FDB.
Outdoor temperature: 47°FDB, 43°FWB
Equivalent refrigerant piping length: 25 ft (horizontal)

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

★4. External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure – Standard".

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

C: 3D051780A

Model			FXDQ12MVJU	FXDQ18MVJU
Power supply			1 phase, 60 Hz, 208/230 V	1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h	12,000	18,000
★2, ★3 Heating capacity		Btu/h	13,500	20,000
Casing/Color			Galvanized steel plate	Galvanized steel plate
Dimensions: (H × W × D)		in.	7-7/8 × 27-9/16 × 24-7/16	7-7/8 × 35-7/16 × 24-7/16
Coil (cross fin coil)	Rows × Stages × FPI		3 × 12 × 17	3 × 12 × 17
	Face area	ft²	1.36	1.89
Fan	Model		—	—
	Type		Sirocco fan	Sirocco fan
	Motor output	HP	0.08	0.17
	Air flow rate (H/L)	cfm	280/226	440/350
	External static pressure	Pa	30-10 ★4	44-15 ★4
	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 polyethylene	Foamed polyethylene
Air filter			Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
★5 Sound pressure level (reference data) (H/L)		dBA	33/29	35/31
Weight		lbs	51	63
Piping connections	Liquid pipes	in.	ϕ1/4 (flare connection)	ϕ1/4 (flare connection)
	Gas pipes	in.	ϕ1/2 (flare connection)	ϕ1/2 (flare connection)
	Drain pipe	in.	VP20 (external dia. 1-1/32, internal dia. 25/32)	VP20 (external dia. 1-1/32, internal dia. 25/32)
Safety devices			Fuse, Thermal protector for fan motor	Fuse, Thermal protector for fan motor
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series	R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Paper pattern for installation, Drain hose, Clamp metal, Insulation for fitting, Sealing pads, Clamps, Screws, Washers, Conduit mounting plate, Insulation tube	Operation manual, Installation manual, Paper pattern for installation, Drain hose, Clamp metal, Insulation for fitting, Sealing pads, Clamps, Screws, Washers, Conduit mounting plate, Insulation tube

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80°FDB, 67°FWB
Outdoor temperature: 95°FDB
Equivalent refrigerant piping length: 25 ft (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70°FDB.
Outdoor temperature: 47°FDB, 43°FWB
Equivalent refrigerant piping length: 25 ft (horizontal)

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

★4. External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure – Standard".

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

C: 3D051780A

Model			FXDQ24MVJU
Power supply			1 phase, 60 Hz, 208/230 V
★1, ★3 Cooling capacity		Btu/h	24,000
★2, ★3 Heating capacity		Btu/h	27,000
Casing/Color			Galvanized steel plate
Dimensions: (H × W × D)		in.	7-7/8 × 43-5/16 × 24-7/16
Coil (cross fin coil)	Rows × Stages × FPI		3 × 12 × 17
	Face area	ft²	2.44
Fan	Model		—
	Type		Sirocco fan
	Motor output	HP	0.17
	Air flow rate (H/L)	cfm	580/460
	External static pressure	Pa	44-15 ★4
	Drive		Direct drive
Temperature control			Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyethylene
Air filter			Removal / Washable / Mildew proof
★5 Sound pressure level (reference data) (H/L)		dBA	36/32
Weight		lbs	71
Piping connections	Liquid pipes	in.	ϕ3/8 (flare connection)
	Gas pipes	in.	ϕ5/8 (flare connection)
	Drain pipe	in.	VP20 (external dia. 1-1/32, internal dia. 25/32)
Safety devices			Fuse, Thermal protector for fan motor
Refrigerant control			Electronic expansion valve
Connectable outdoor unit			R410A ***VRV*** series
Standard accessories			Operation manual, Installation manual, Paper pattern for installation, Drain hose, Clamp metal, Insulation for fitting, Sealing pads, Clamps, Screws, Washers, Conduit mounting plate, Insulation tube

Note:

★1. Nominal cooling capacities are based on the following conditions:
Return air temperature: 80°FDB, 67°FWB
Outdoor temperature: 95°FDB
Equivalent refrigerant piping length: 25 ft (horizontal)

★2. Nominal heating capacities are based on the following conditions:
Return air temperature: 70°FDB.
Outdoor temperature: 47°FDB, 43°FWB
Equivalent refrigerant piping length: 25 ft (horizontal)

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

★4. External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure – Standard".

★5. 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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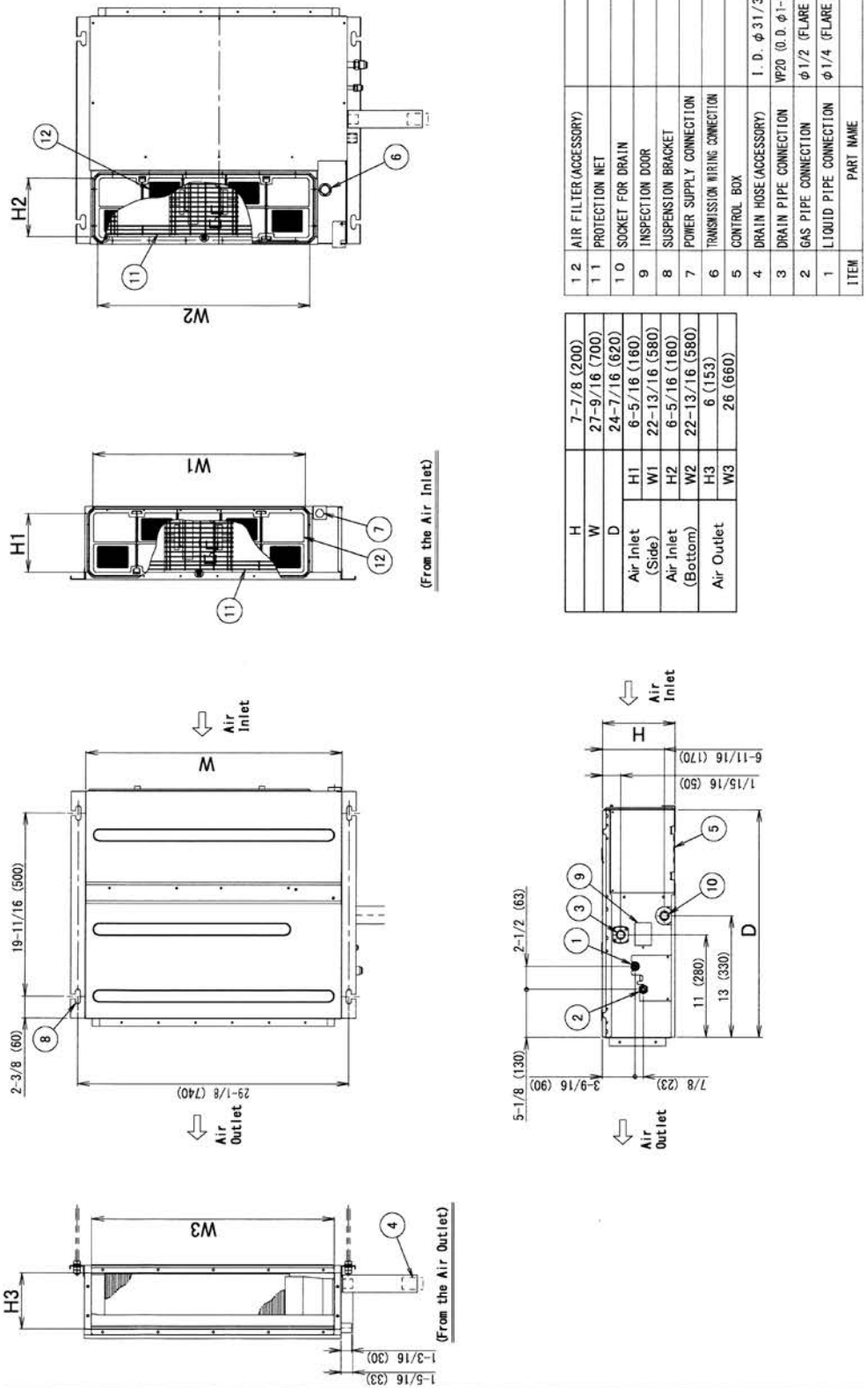
3. Simplified Dimensions

FXDQ07-12MVJU

Unit: in. (mm)



ITEM	PART NAME	REMARK
12	AIR FILTER(ACCESSORY)	
11	PROTECTION NET	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ31/32 (OUTLET)
3	DRAIN PIPE CONNECTION	VP20 (O. D. φ1-1/32/I. D. φ25/32)
2	GAS PIPE CONNECTION	φ1/2 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ1/4 (FLARE CONNECTION)

H		7-7/8 (200)
W		27-9/16 (700)
D		24-7/16 (620)
Air Inlet (Side)	H1	6-5/16 (160)
	W1	22-13/16 (580)
Air Inlet (Bottom)	H2	6-5/16 (160)
	W2	22-13/16 (580)
Air Outlet	H3	6 (153)
	W3	26 (660)

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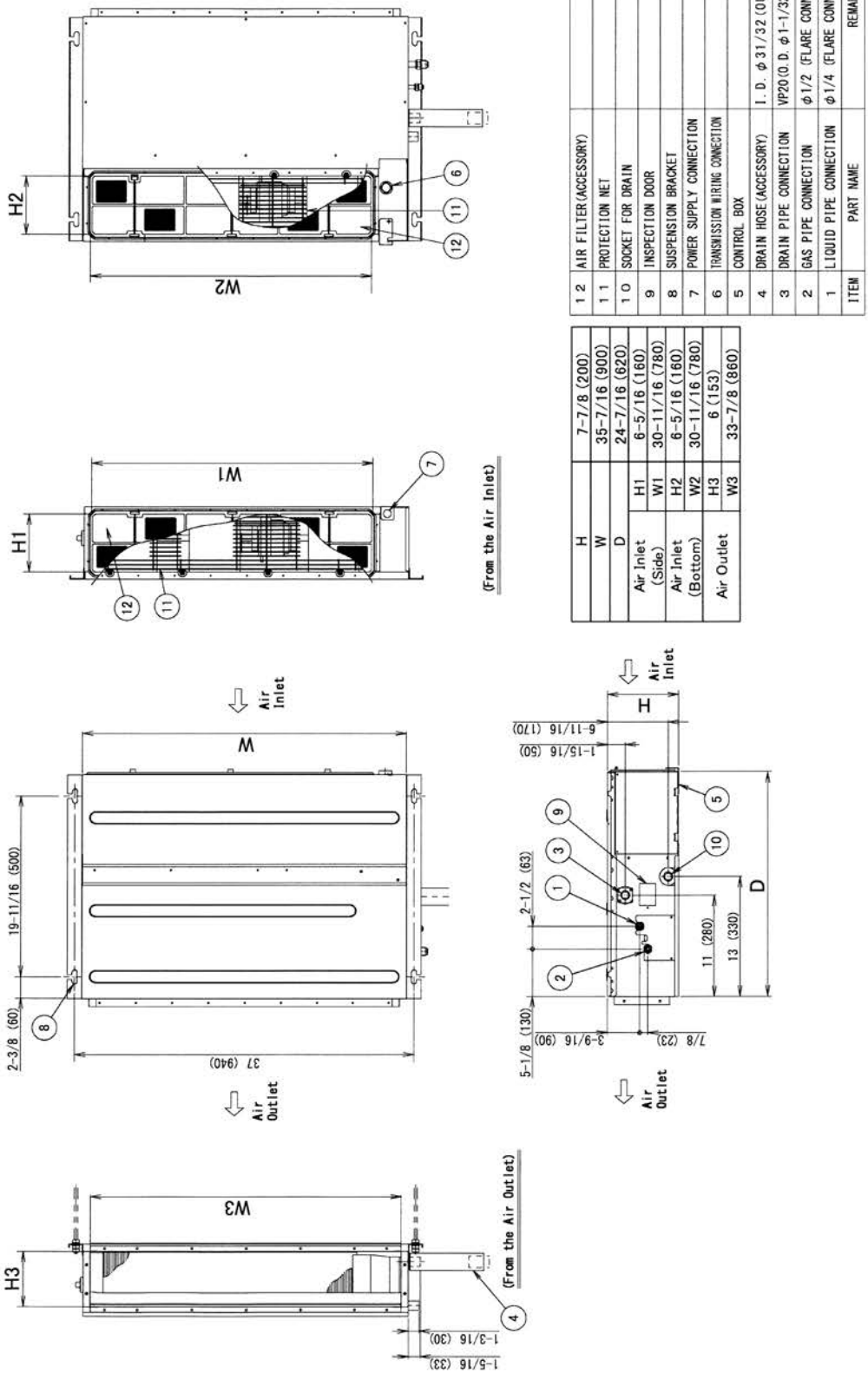
FXDQ18MVJU

Unit: in. (mm)



H		7-7/8 (200)
W		35-7/16 (900)
D		24-7/16 (620)
Air Inlet (Side)	H1	6-5/16 (160)
	W1	30-11/16 (780)
Air Inlet (Bottom)	H2	6-5/16 (160)
	W2	30-11/16 (780)
Air Outlet	H3	6 (153)
	W3	33-7/8 (860)

ITEM	PART NAME	REMARK
12	AIR FILTER(ACCESSORY)	
11	PROTECTION NET	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I.D. φ31/32(OUTLET)
3	DRAIN PIPE CONNECTION	VP20(O.D. φ1-1/32/I.D. φ25/32)
2	GAS PIPE CONNECTION	φ1/2 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ1/4 (FLARE CONNECTION)

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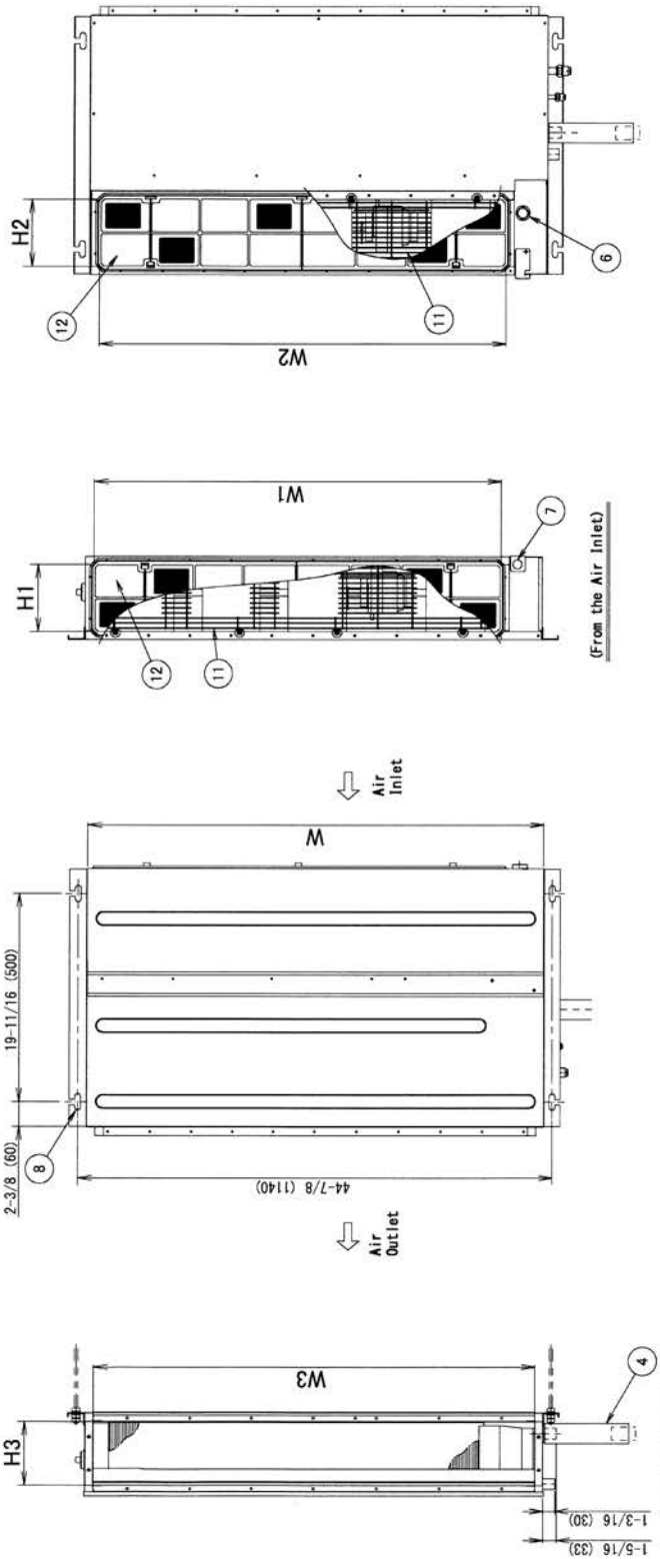
FXDQ24MVJU

Unit: in. (mm)



H		7-7/8 (200)
W		43-5/16 (1100)
D		24-7/16 (620)
Air Inlet (Side)	H1	6-5/16 (160)
	W1	38-9/16 (980)
Air Inlet (Bottom)	H2	6-5/16 (160)
	W2	38-9/16 (980)
Air Outlet	H3	6 (153)
	W3	41-3/4 (1060)

ITEM	PART NAME	REMARK
12	AIR FILTER(ACCESSORY)	
11	PROTECTION NET	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ31/32 (OUTLET)
3	DRAIN PIPE CONNECTION	VP20 (O. D. φ1-1/32/I. D. φ25/32)
2	GAS PIPE CONNECTION	φ1/2 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ1/4 (FLARE CONNECTION)

DFT5183913

4. Dimensions

FXDQ07-12MVJU

Unit: in.

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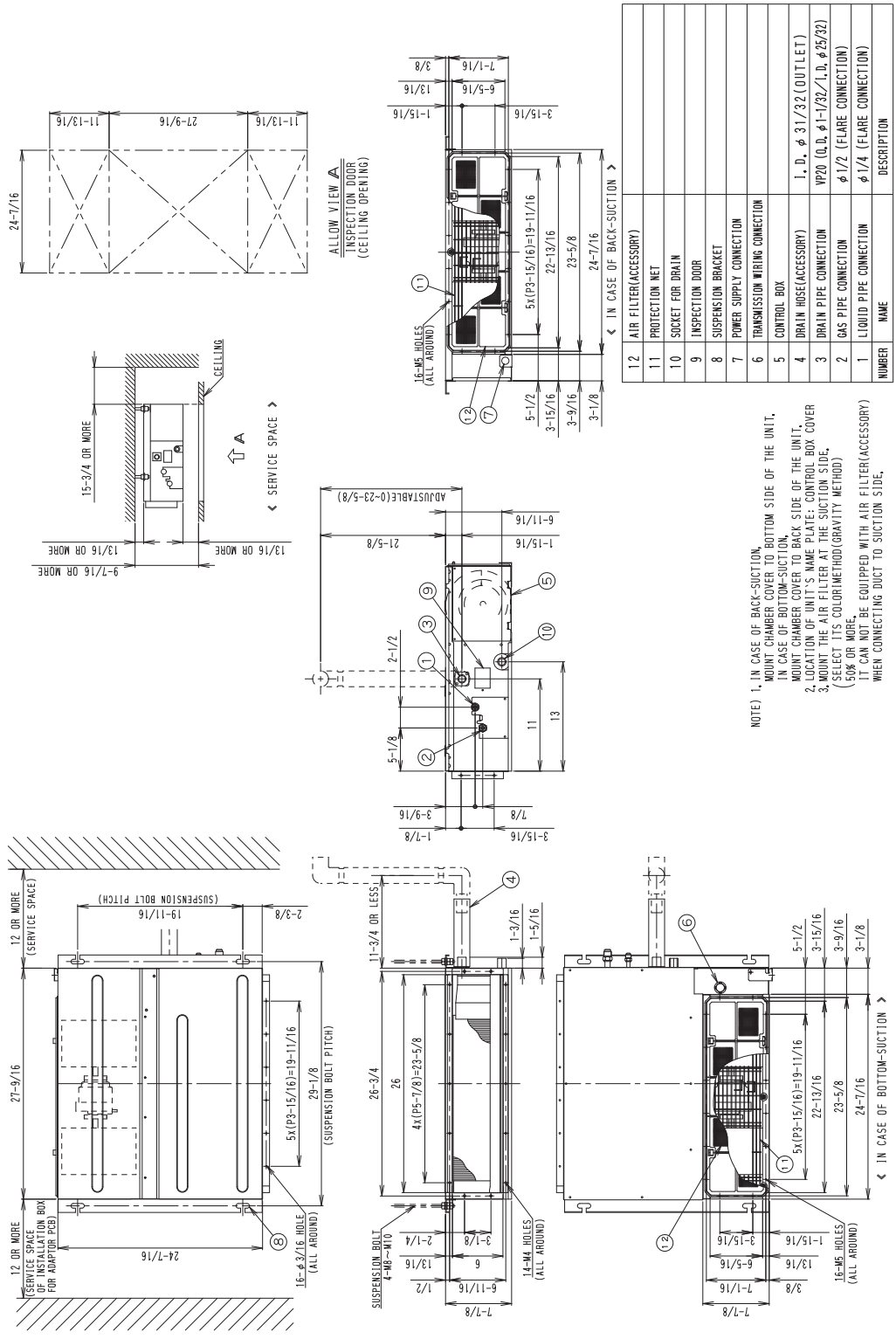


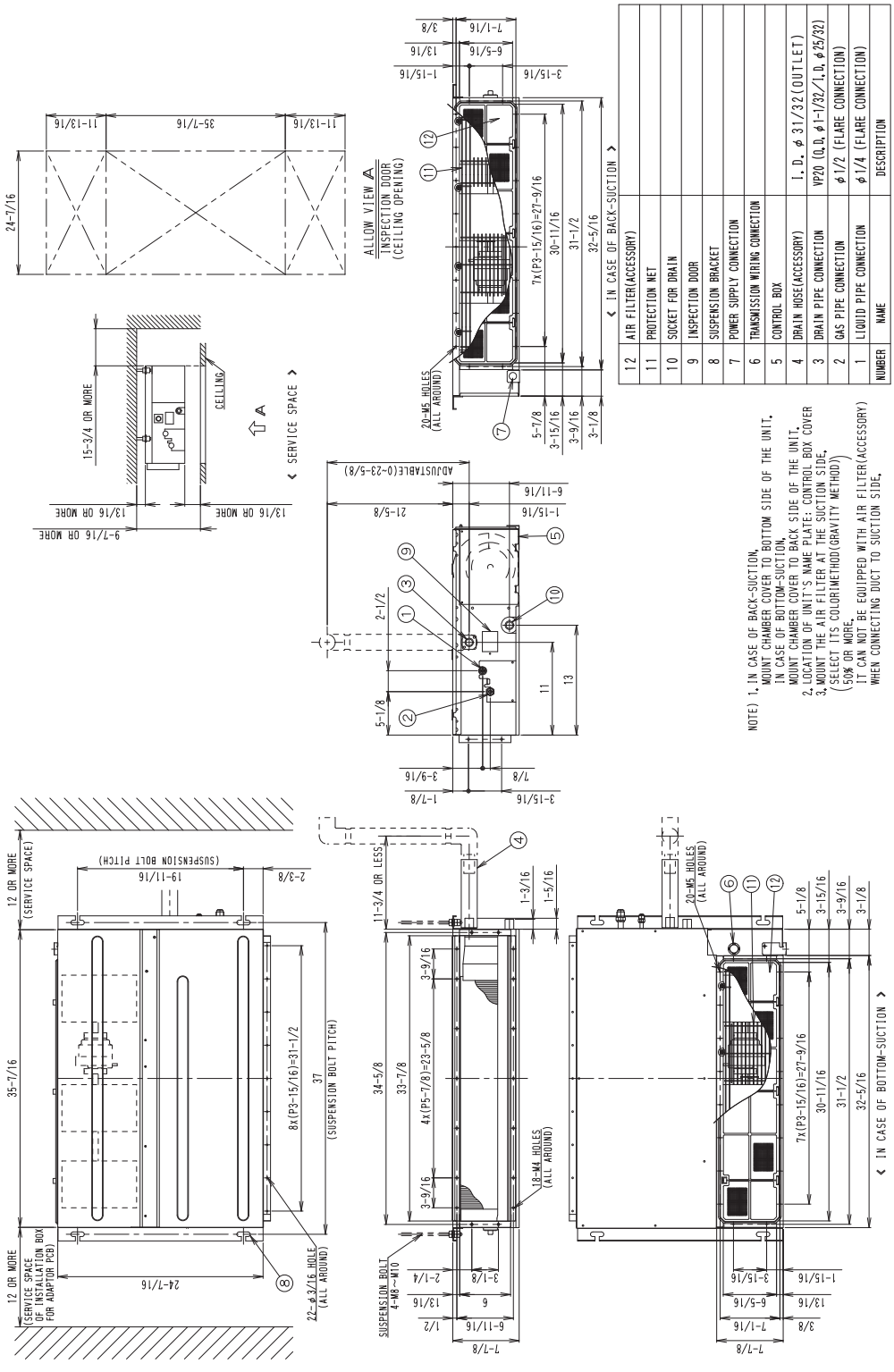
NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION	φ1/4 (FLARE CONNECTION)
2	GAS PIPE CONNECTION	φ1/2 (FLARE CONNECTION)
3	DRAIN PIPE CONNECTION	VP20 (O.D. φ1-1/32/I.D. φ25/32)
4	DRAIN HOSE(ACCESSORY)	I.D. φ31/32(OUTLET)
5	CONTROL BOX	
6	TRANSMISSION WIRING CONNECTION	
7	POWER SUPPLY CONNECTION	
8	SUSPENSION BRACKET	
9	INSPECTION DOOR	
10	SOCKET FOR DRAIN	
11	PROTECTION NET	
12	AIR FILTER(ACCESSORY)	

NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLOR(METHOD(GRAVITY METHOD)
(50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

FXDQ18MVJU

Unit: in.

3D051760



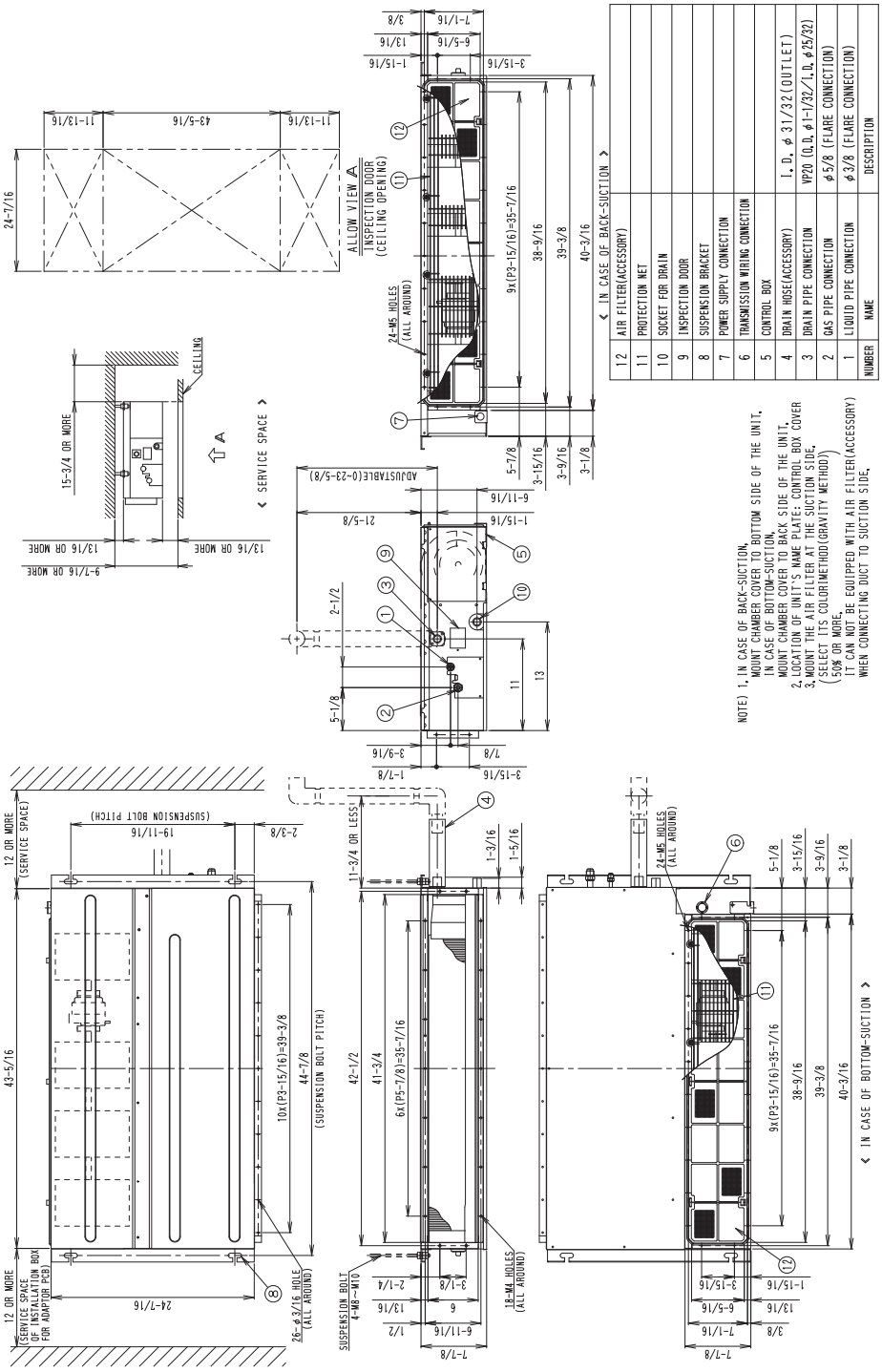
NUMBER	NAME	DESCRIPTION
12	AIR FILTER(ACCESSORY)	
11	PROTECTION NET	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. ø 31/32(OUTLET)
3	DRAIN PIPE CONNECTION	VP20 (O.D. ø1-1/32/I.D. ø25/32)
2	GAS PIPE CONNECTION	ø1/2 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	ø1/4 (FLARE CONNECTION)

NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT,
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLOR(METHOD(GRAVITY METHOD))
50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

FXDQ24MVJU

Unit: in.

3D051761



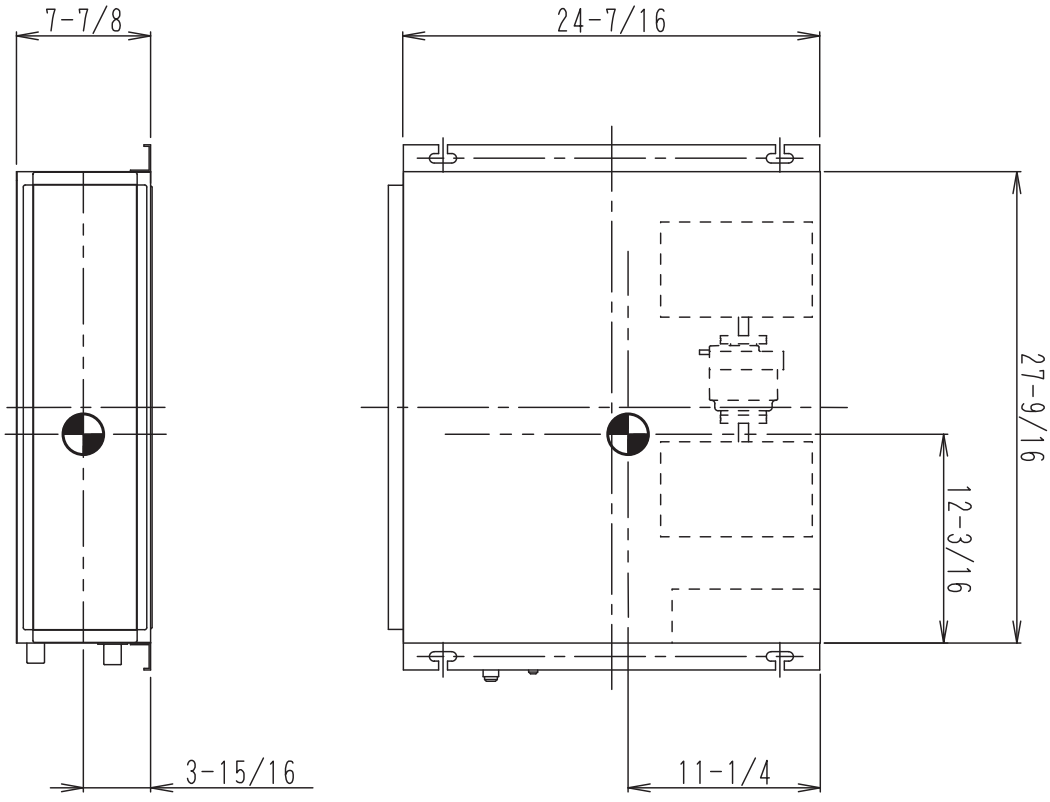
NUMBER	NAME	DESCRIPTION
12	AIR FILTER(ACCESSORY)	
11	PROTECTION NET	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. ø 31/32(OUTLET)
3	DRAIN PIPE CONNECTION	VP20 (O.D. ø1-1/32/I.D. ø25/32)
2	GAS PIPE CONNECTION	ø5/8 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	ø3/8 (FLARE CONNECTION)

NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLOR(METHOD(GRAVITY METHOD))
(50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

5. Center of Gravity

FXDQ07-12MVJU

Unit: in.



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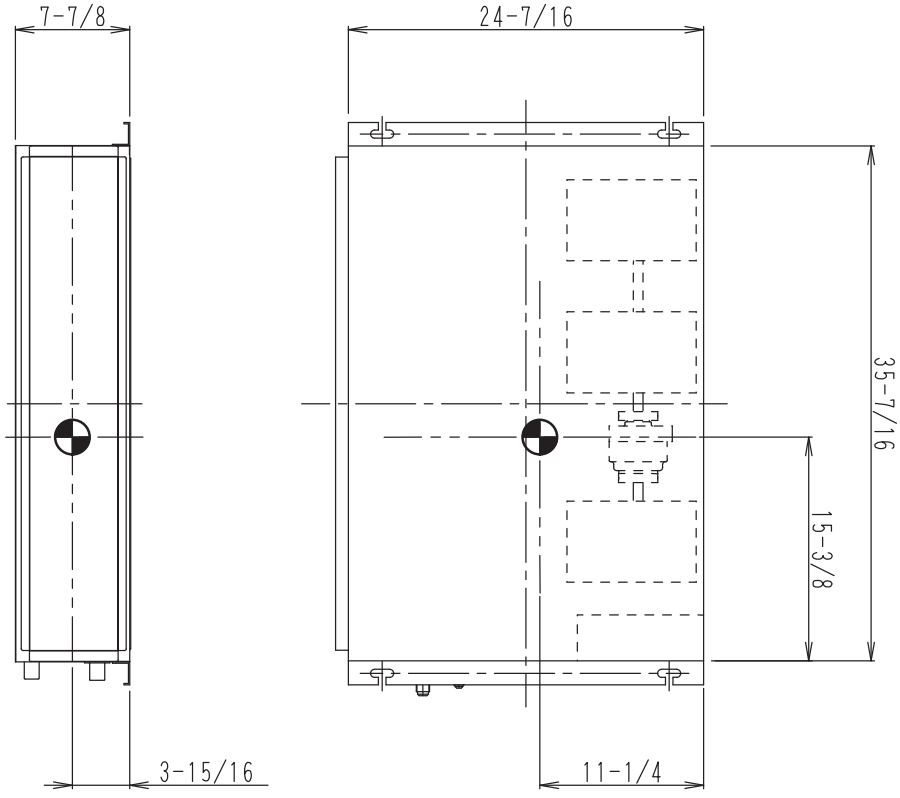
FXDQ18MVJU

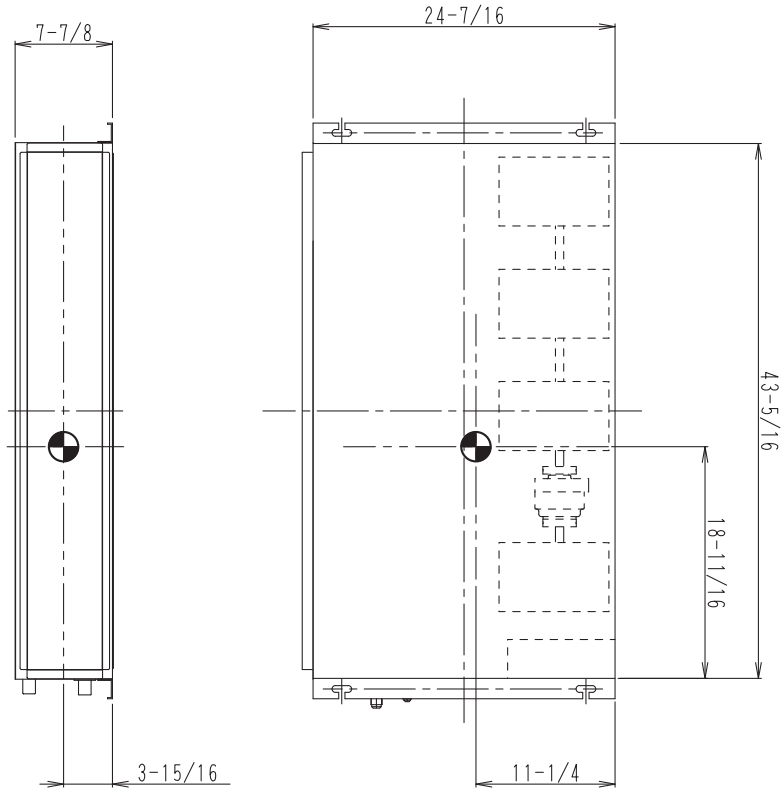
Unit: in.



4D051767

FXDQ24MVJU

Unit: in.



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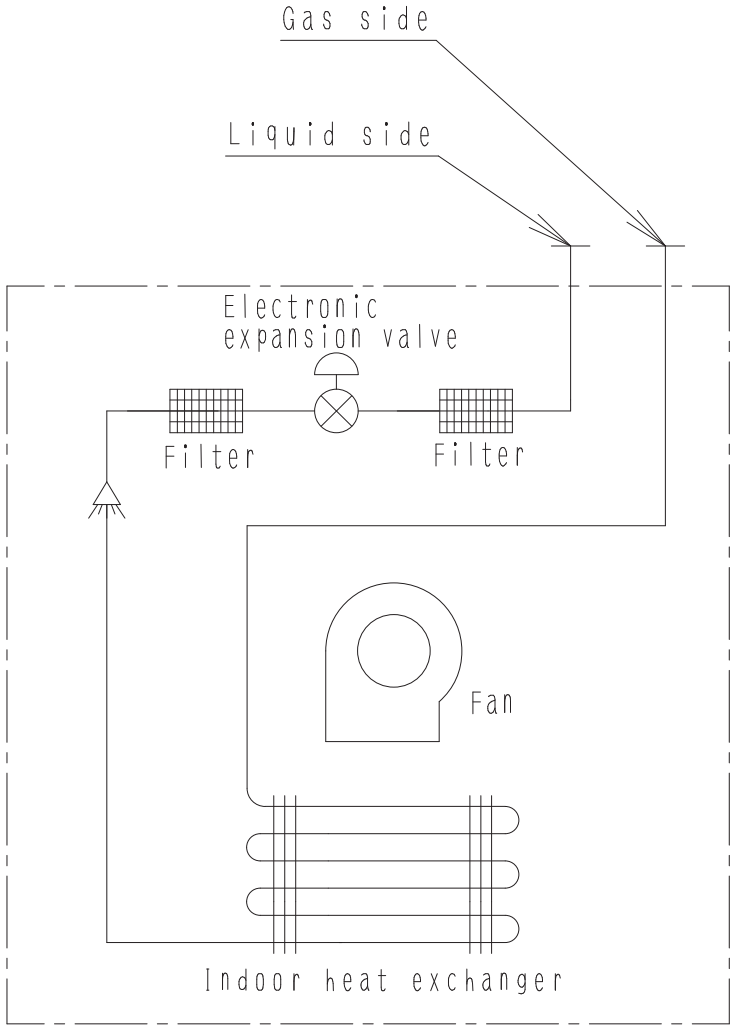
6. Piping Diagrams

FXDQ07-24MVJU



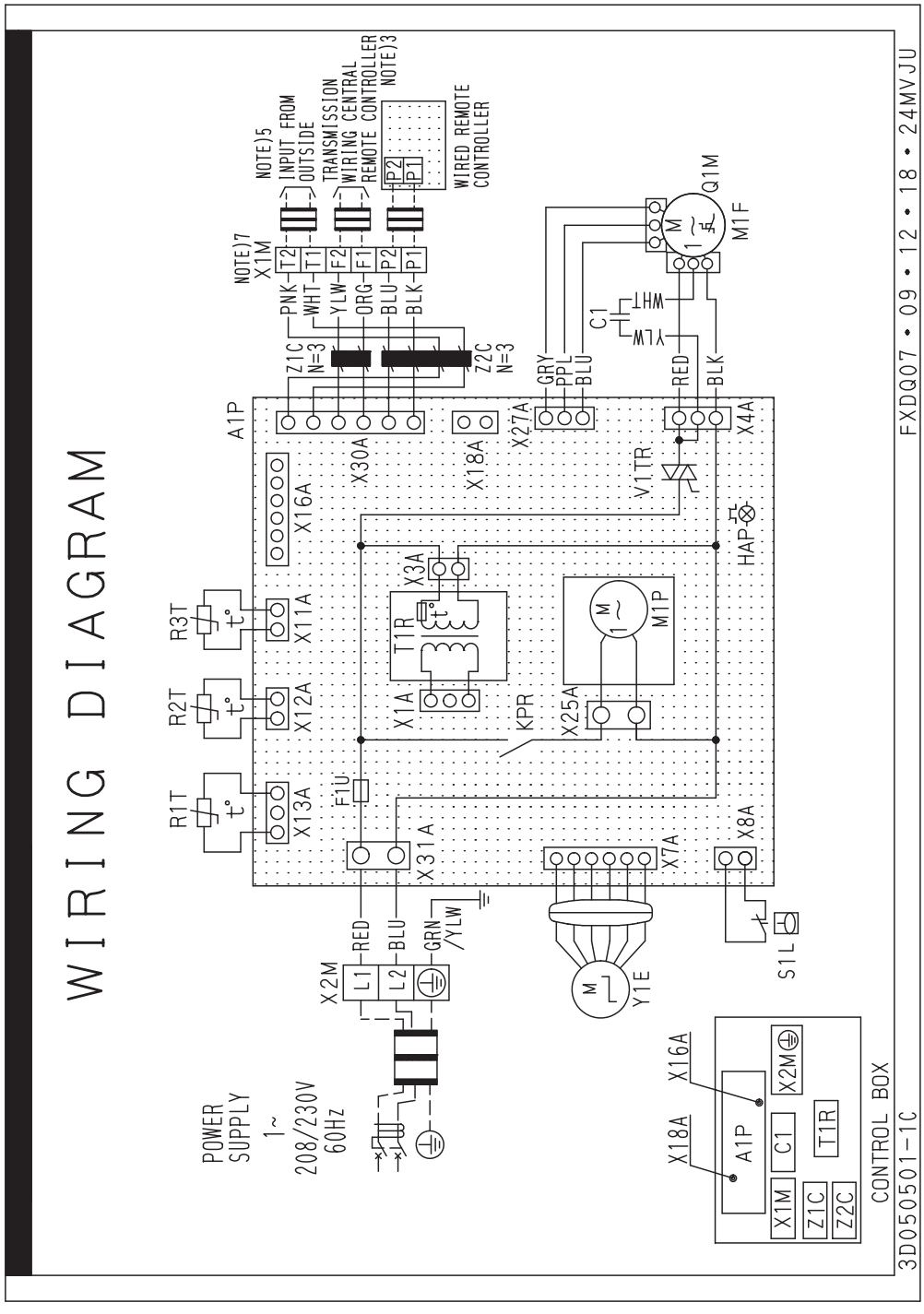
4D043864N

Unit: in.

Model	Gas	Liquid
FXDQ07-18MVJU	ϕ1/2	ϕ1/4
FXDQ24MVJU	ϕ5/8	ϕ3/8

7. Wiring Diagrams

FXDQ07-24MVJU



NOTES)
1. □□□: TERMINAL
   ▭, ▭: CONNECTOR
2. ═══: FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
4. REMOTE COTROLLER MODEL VARIES ACCORDING TO THE COMBINATION SYSTEM, CONFIRM ENGINEERING MATERIALS AND CATALOGS, ETC. BEFORE CONNETING.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED TO THE UNIT.
6. SYMBOLS SHOW AS FOLLOWS: RED: RED BLK: BLACK WHT: WHITE YLW: YELLOW PPL: PURPLE GRY: GRAY BLU: BLUE PNK: PINK ORG: ORANGE GRN: GREEN
7. CLASS 2 WIRE

C: 3D050501C

FXDQ07-24MVJU

ELECTRICAL COMPONENTS AND WIRING CONNECTORS FOR INDOOR UNIT	
A1P	PRINTED CIRCUIT BOARD
C1	CAPACITOR (M1F)
F1U	FUSE (F5 A / 250 V)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)
KPR	MAGNETIC RELAY (M1P)
M1F	MOTOR (INDOOR FAN)
M1P	MOTOR (DRAIN PUMP)
Q1M	THERMAL PROTECTOR (M1F EMBEDDED)
R1T	THERMISTOR (AIR)
R2T	THERMISTOR (COIL-1)
R3T	THERMISTOR (COIL-2)
S1L	FLOAT SWITCH
T1R	TRANSFORMER (208-230 V / 25 V)
V1TR	PHASE CONTROL CIRCUIT
X1M	TERMINAL BLOCK
X2M	TERMINAL BLOCK
Y1E	ELECTRONIC EXPANSION VALVE
Z1C·Z2C	NOISE FILTER (FERRITE CORE)
CONNECTOR FOR OPTIONAL PARTS	
X16A	CONNECTOR (ADAPTOR FOR WIRING)
X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTRICAL APPENDICES)

C: 3D050501C

8. Electric Characteristics

FXDQ07-24MVJU

Model	Power supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	KW	FLA	Cooling	Heating	
FXDQ07MVJU	60	208/230 V	Max. 253 V Min. 187 V	0.9	15	0.062	0.7	92	73	SCCR kA rms, Symmetrical @600 V MAX: 5
FXDQ09MVJU				0.9	15	0.062	0.7	92	73	
FXDQ12MVJU				0.9	15	0.062	0.7	95	76	
FXDQ18MVJU				1.3	15	0.13	1.0	185	170	
FXDQ24MVJU				1.4	15	0.13	1.1	192	179	

Symbol:

MCA: Min. Circuit Amps (A)
MOP: Max. Overcurrent Protective Device (A)
KW: Fan Motor Rated Output (kW)
FLA: Full Load Amps (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 phases is 2%.
3. MCA/MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse raring. Min. 15 A)
4. Select wire size based on the MCA.

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9. Safety Devices Setting

Model		FXDQ07MVJU	FXDQ09MVJU	FXDQ12MVJU	FXDQ18MVJU	FXDQ24MVJU
Printed circuit board fuse	A1P	250 V, 5 A	250 V, 5 A	250 V, 5 A	250 V, 5 A	250 V, 5 A
Fan motor thermal protector	°F	OFF: 266±9 ON: 181±27	OFF: 266±9 ON: 181±27	OFF: 266±9 ON: 181±27	OFF: 266±9 ON: 181±27	OFF: 266±9 ON: 181±27

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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
FXDQ07MVJU	5.9	5.2	6.7	6.1	7.5	6.3	8.0	6.4	8.1	6.5	8.2	6.5
FXDQ09MVJU	7.5	6.2	8.5	7.2	9.5	7.3	10.1	7.1	10.2	7.1	10.4	7.0
FXDQ12MVJU	9.5	7.5	10.7	7.9	12.0	8.8	12.7	8.6	12.9	8.5	13.1	8.5
FXDQ18MVJU	14.2	10.8	16.1	12.7	18.0	12.9	19.1	12.6	19.3	12.5	19.7	12.2
FXDQ24MVJU	18.9	14.0	21.5	16.1	24.0	16.4	25.5	17.3	25.8	16.8	26.3	15.8

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.

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
FXDQ07MVJU	9.3	9.2	8.7	8.5	8.1	7.7
FXDQ09MVJU	11.8	11.7	11.1	10.5	10.3	9.7
FXDQ12MVJU	14.9	14.7	14.0	13.5	13.0	12.3
FXDQ18MVJU	22.3	22.1	21.0	20.0	19.5	18.4
FXDQ24MVJU	29.7	29.5	28.0	27.0	26.0	24.5

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.

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
FXDQ07MVJU	0.68	1.12	0.70	1.17	0.75	1.12	0.79	1.09	0.82	1.06	0.84	1.05	0.85	1.05
FXDQ09MVJU	0.68	1.12	0.70	1.17	0.75	1.12	0.79	1.09	0.82	1.06	0.84	1.05	0.85	1.05
FXDQ12MVJU	0.69	1.13	0.71	1.17	0.75	1.13	0.78	1.09	0.80	1.07	0.82	1.06	0.84	1.06
FXDQ18MVJU	0.68	1.14	0.70	1.17	0.75	1.12	0.79	1.08	0.82	1.07	0.83	1.06	0.86	1.05
FXDQ24MVJU	0.67	1.15	0.71	1.16	0.76	1.11	0.80	1.08	0.83	1.06	0.84	1.06	0.86	1.05

TC: Total capacity
SHF: Sensible heat factor

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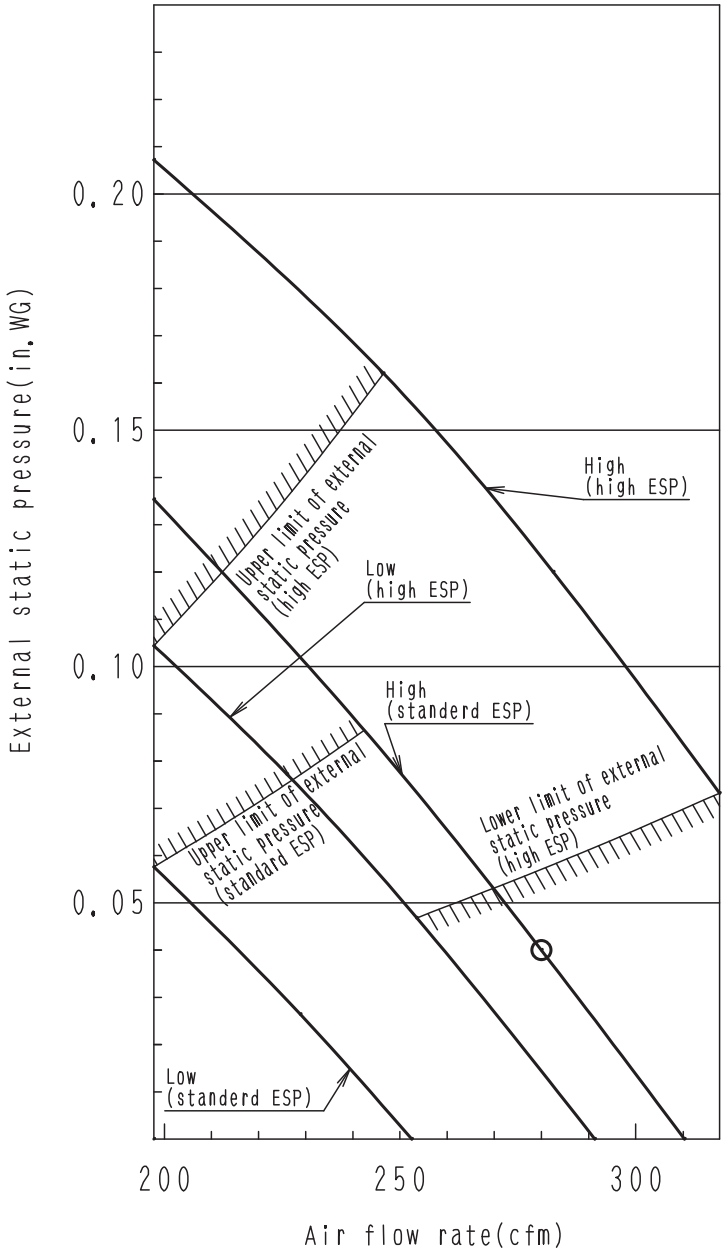
11. Fan Performances

FXDQ07-09MVJU

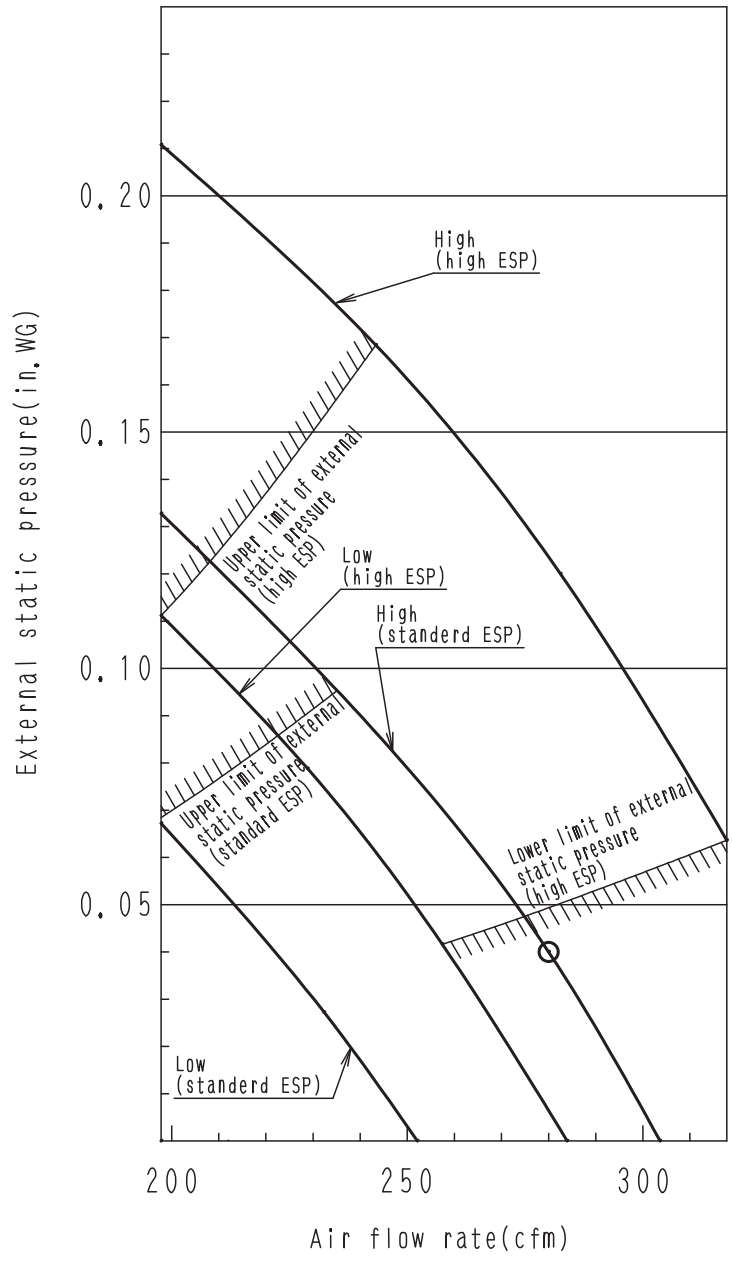


3D052851

Note:

1. The remote controller can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

FXDQ12MVJU

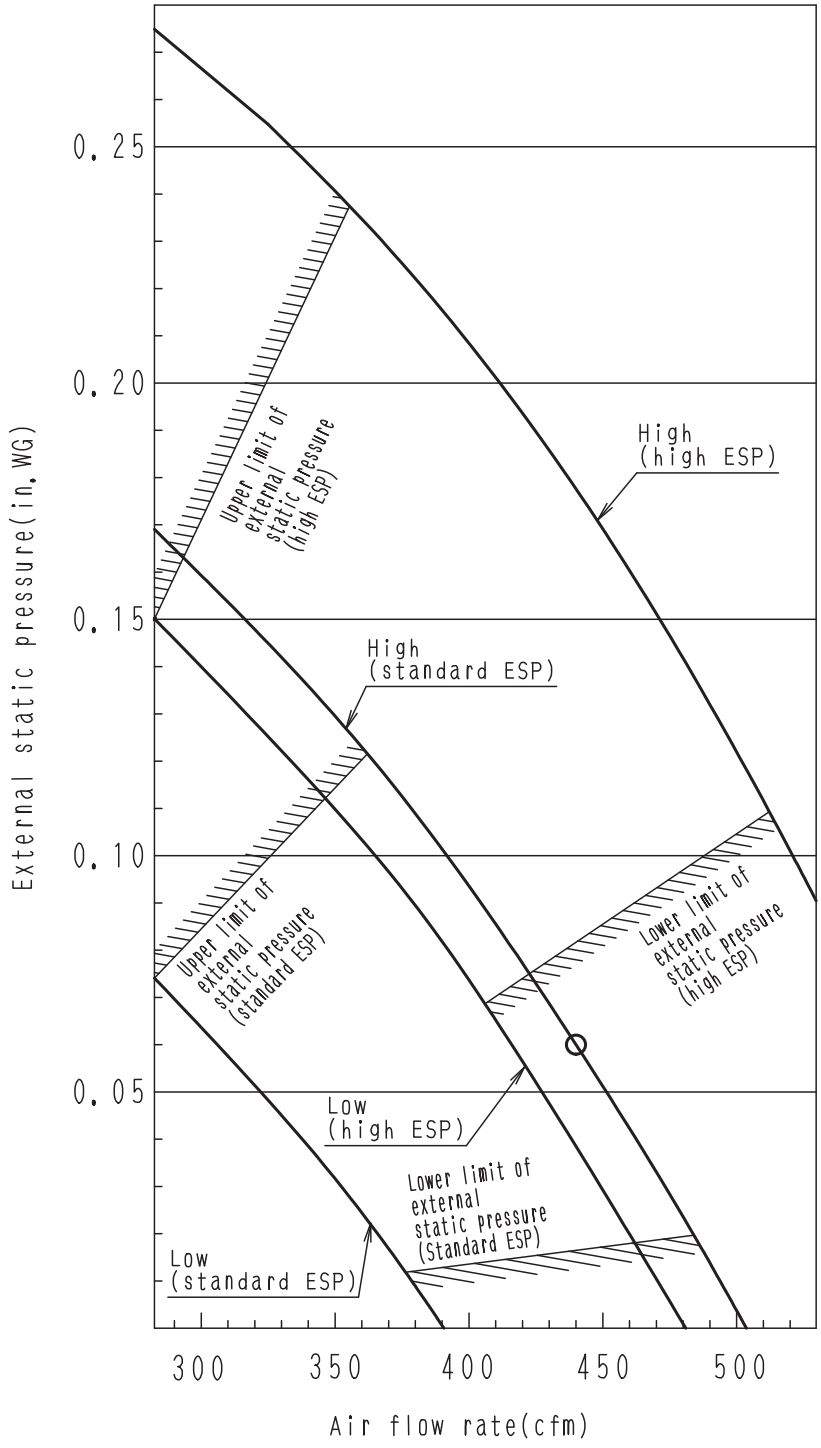


3D052852

Note:

1. The remote controller can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

FXDQ18MVJU

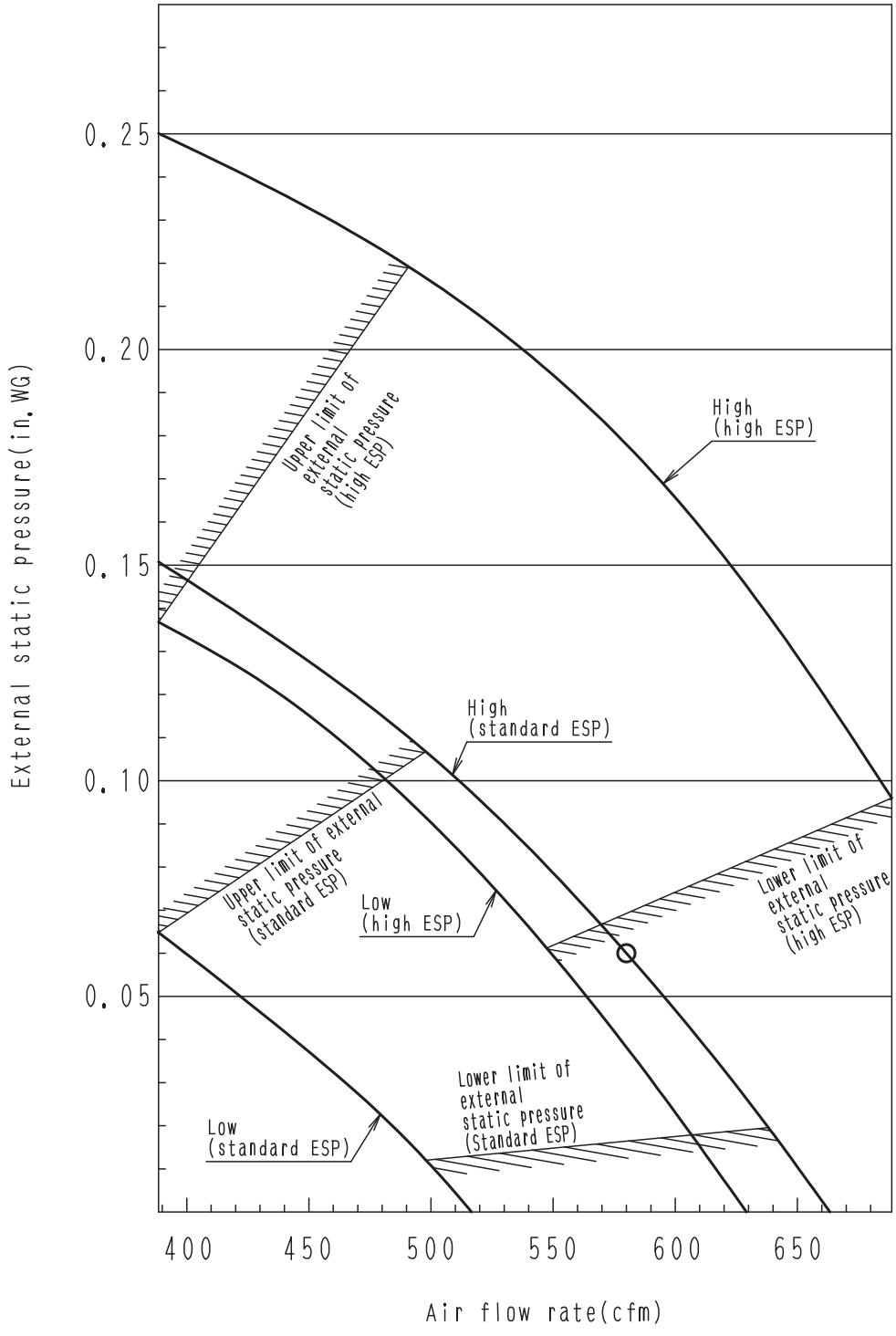


3D052853

Note:

1. The remote controller can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

FXDQ24MVJU



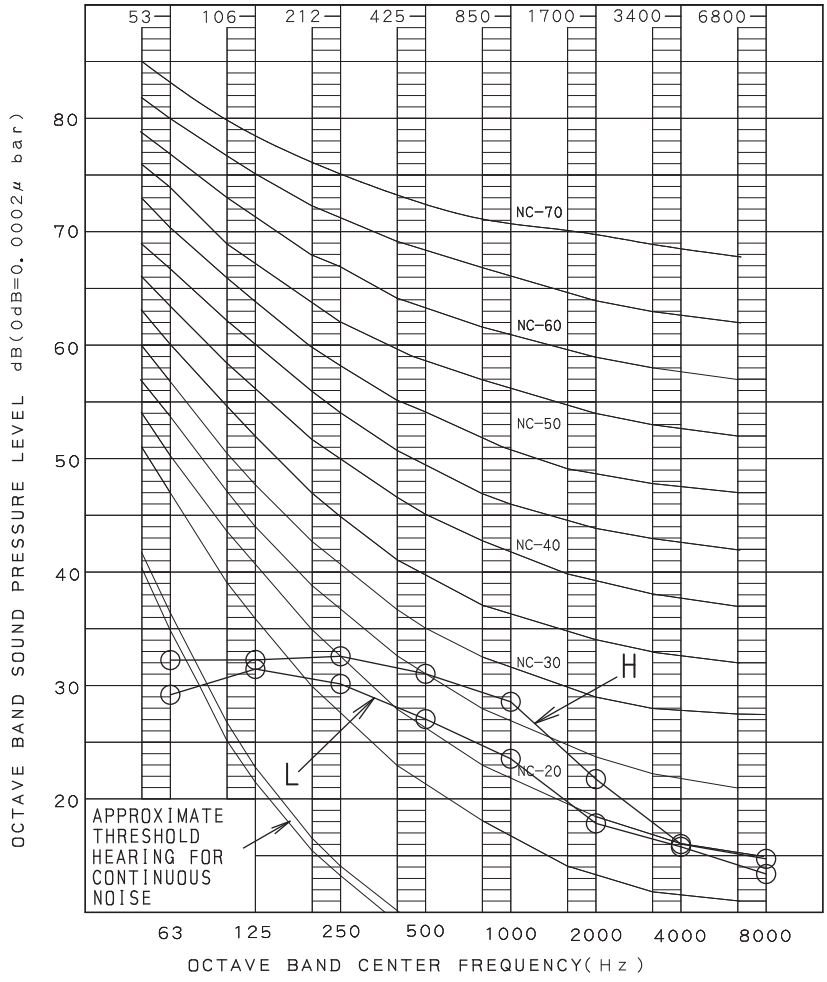
3D052854

Note:

1. The remote controller can be used to switch between “high” and “low”.
2. The air flow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

12.Sound Levels (Reference Data)

FXDQ07-09MVJU



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	HI	LOW
A	33	29
C	39	36

(B.G.N IS ALREADY RECTIFIED)

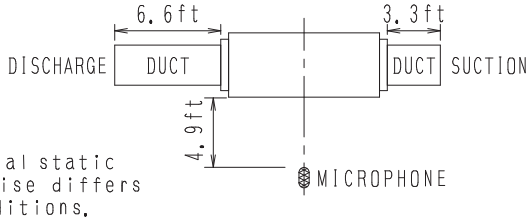
OPERATING CONDITIONS

POWER SOURCE 208-230V 60Hz	
COOLING	RETURN AIR TEMPERATURE:80 °FDB, 67 °FWB OUTDOOR TEMPERATURE:95 °FDB, 75 °FWD
HEATING	RETURN AIR TEMPERATURE:70 °FDB, 60 °FWB OUTDOOR TEMPERATURE:47 °FDB, 43 °FWB

MEASURING PLACE

ANECHOIC CHAMBER

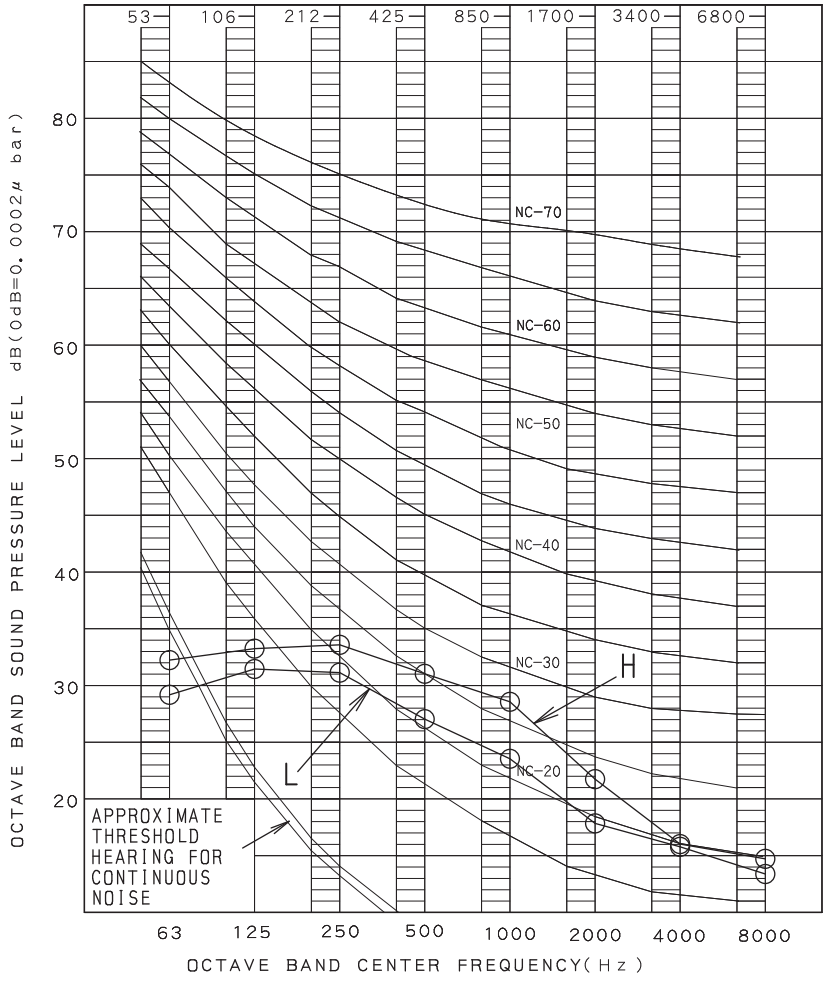
LOCATION OF MICROPHONE



NOTE: The operating condition is external static pressure 0.04in.WG. Operation noise differs with operation and ambient conditions.

4D052846

FXDQ12MVJU



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	HI	LOW
A	33	29
C	39	36

(B.G.N IS ALREADY RECTIFIED)

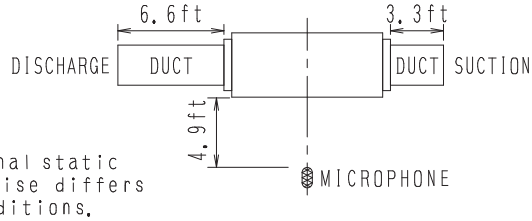
OPERATING CONDITIONS

POWER SOURCE 208-230V 60Hz	
COOLING	RETURN AIR TEMPERATURE:80 °FDB, 67 °FWB OUTDOOR TEMPERATURE:95 °FDB, 75 °FWD
HEATING	RETURN AIR TEMPERATURE:70 °FDB, 60 °FWB OUTDOOR TEMPERATURE:47 °FDB, 43 °FWB

MEASURING PLACE

ANECHOIC CHAMBER

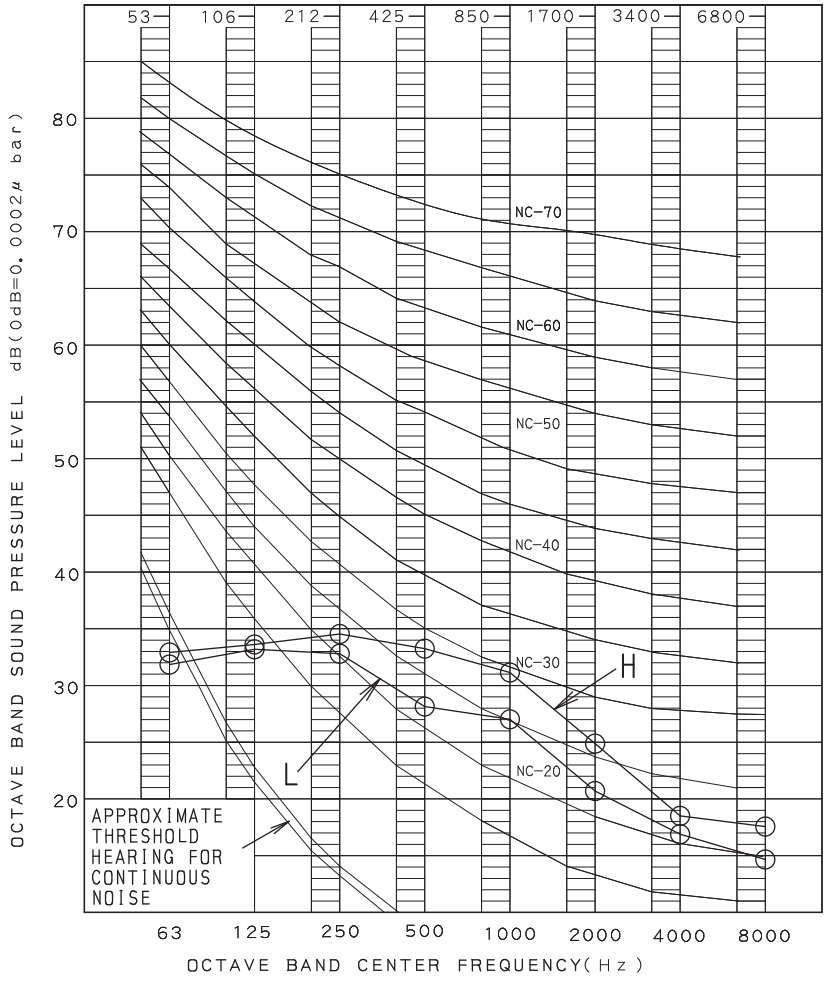
LOCATION OF MICROPHONE



NOTE: The operating condition is external static pressure 0.04in.WG. Operation noise differs with operation and ambient conditions.

4D052848

FXDQ18MVJU



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	HI	LOW
A	35	31
C	40	38

(B.G.N IS ALREADY RECTIFIED)

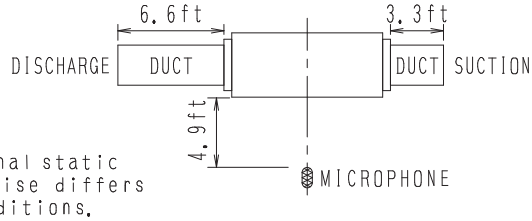
OPERATING CONDITIONS

POWER SOURCE 208-230V 60Hz	
COOLING	RETURN AIR TEMPERATURE:80 °FDB, 67 °FWB OUTDOOR TEMPERATURE:95 °FDB, 75 °FWD
HEATING	RETURN AIR TEMPERATURE:70 °FDB, 60 °FWB OUTDOOR TEMPERATURE:47 °FDB, 43 °FWB

MEASURING PLACE

ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: The operating condition is external static pressure 0.06in.WG. Operation noise differs with operation and ambient conditions.

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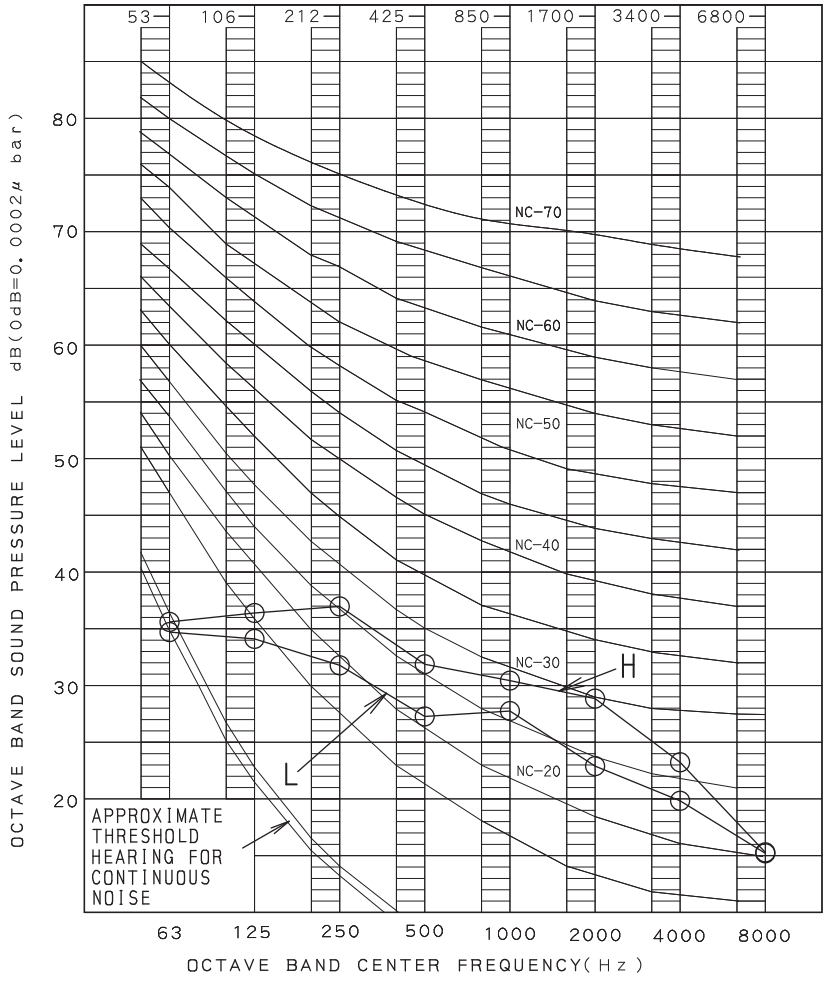
FXDQ24MVJU



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	HI	LOW
A	36	32
C	42	39

(B.G.N IS ALREADY RECTIFIED)

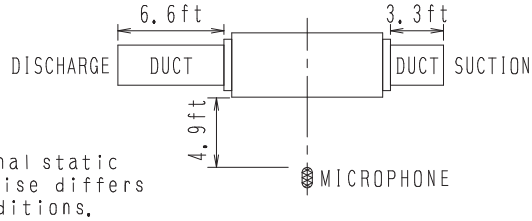
OPERATING CONDITIONS

POWER SOURCE 208-230V 60Hz	
COOLING	RETURN AIR TEMPERATURE:80 °FDB, 67 °FWB OUTDOOR TEMPERATURE:95 °FDB, 75 °FWD
HEATING	RETURN AIR TEMPERATURE:70 °FDB, 60 °FWB OUTDOOR TEMPERATURE:47 °FDB, 43 °FWB

MEASURING PLACE

ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: The operating condition is external static pressure 0.06in.WG. Operation noise differs with operation and ambient conditions.

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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 March 2021 but subject to change without notice.