

FXBQ-PVE / FXBPQ-PVE

Clean Room Air Conditioner

50 / 60 Hz

1. Lineup.....	2
2. Specifications	3
3. Installation Image	5
4. Dimensions.....	6
4.1 Ceiling Inlet Type	6
4.2 Lower Wall Inlet Type	9
5. Piping Diagrams	12
6. Wiring Diagrams.....	13
7. Electric Characteristics	14
8. Safety Devices Setting	15
9. Capacity Tables.....	16
9.1 Cooling Capacity for Te: Auto	16
9.2 Cooling Capacity for Te: 6°C	16
9.3 Heating Capacity.....	17
10. Fan Performances	18
10.1 50 Hz.....	18
10.2 60 Hz.....	21
11. Sound Levels.....	24
11.1 50 Hz.....	24
11.2 60 Hz.....	25
12. Centre of Gravity	26
13. Accessories	27
13.1 Optional Accessories (for Unit)	27
13.2 Optional Accessories (for Controls)	27
14. Details of Optional Accessories.....	28
14.1 BAF82A63 - Outlet Unit	28

1. Lineup

Capacity range	4.5 kW	5.6 kW	7.1 kW
	1.6 HP	2 HP	2.5 HP
Capacity index	40	50	62.5
FXBQ	40PVE	50PVE	63PVE
FXBPQ	—	—	63PVE
FXBQ (for Indonesia)	40PVE4	50PVE4	63PVE4
FXBPQ (for Indonesia)	—	—	63PVE4

VE : 1 phase, 220-240/220 V, 50/60 Hz

VE4 : 1 phase, 220-240/220 V, 50/60 Hz (for Indonesia)



2. Specifications

Model				FXBQ40PVE	FXBQ50PVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz	1 phase, 220-240/220 V, 50/60 Hz
★1 ★3 Cooling capacity			kcal/h	3,900	4,800
			Btu/h	15,400	19,100
			kW	4.5	5.6
★2 ★3 Heating Capacity			kcal/h	4,300	5,400
			Btu/h	17,100	21,500
			kW	5.0	6.3
Power input	Cooling	50 Hz	kW	0.310	0.310
		60 Hz	kW	0.330	0.330
	Heating	50 Hz	kW	0.310	0.310
		60 Hz	kW	0.330	0.330
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	492×1,788×1,000	492×1,788×1,000
Fan	Model			D11/2D3AE1	D11/2D3AE1
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	160×1	160×1
	Airflow rate (H/L)	m³/min	19.5-17.5/18.0-16	19.5-17.5/18.0-16	
		l/s	325-292/300-267	325-292/300-267	
		cfm	688-618/635-565	688-618/635-565	
Drive			Direct drive	Direct drive	
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber	Glass fiber
Air filter				— ★4	— ★4
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ6.4 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ12.7 (Flare connection)
	Drain pipe		mm	PT1B	PT1B
Mass			kg	110	110
★5 Sound pressure level (H/L)			dB(A)	44/42	44/42
Safety devices				Fuse, Thermal fuse for fan motor	Fuse, Thermal fuse for fan motor
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Screws, Insulation for fitting, Clamp metal	Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Screws, Insulation for fitting, Clamp metal
Drawing No.	Specification			C: 3D104702	C: 3D104702
	Sound level	50 Hz		C: 4D104724	C: 4D104724
		60 Hz		C: 4D104743	C: 4D104743

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$
 $\text{l/s} = \text{m}^3/\text{min} \times 1000/60$

Model				FXBQ63PVE		FXBPQ63PVE	
Power supply				1 phase, 220-240/220 V, 50/60 Hz		1 phase, 220-240/220 V, 50/60 Hz	
★1 ★3 Cooling capacity			kcal/h	6,100		6,100	
			Btu/h	24,200		24,200	
			kW	7.1		7.1	
★2 ★3 Heating Capacity			kcal/h	6,900		6,900	
			Btu/h	27,300		27,300	
			kW	8.0		8.0	
Power input	Cooling	50 Hz	kW	0.450		0.450	
		60 Hz	kW	0.430		0.430	
	Heating	50 Hz	kW	0.450		0.450	
		60 Hz	kW	0.430		0.430	
Casing / Colour				Galvanized steel plate		Galvanized steel plate	
Dimensions: (H×W×D)			mm	492×1,788×1,300		492×1,078×1,300	
Fan	Model			2D11/2D3AJ1		2D11/2D3AJ1	
	Type			Sirocco fan		Sirocco fan	
	Motor output × Number of units		W	220×1		220×1	
	Airflow rate (H/L)	m³/min	26-22.5/23.5-20		26-22.5/23.5-20		
		l/s	433-375/392-333		433-375/392-333		
		cfm	918-794/830-706		918-794/830-706		
Drive			Direct drive		Direct drive		
Temperature control				Microprocessor thermostat for cooling and heating		Microprocessor thermostat for cooling and heating	
Sound absorbing thermal insulation material				Glass fiber		Glass fiber	
Air filter				— ★4		— ★4	
Piping connections	Liquid pipes		mm	φ9.5 (Flare connection)		φ9.5 (Flare connection)	
	Gas pipes		mm	φ15.9 (Flare connection)		φ15.9 (Flare connection)	
	Drain pipe		mm	PT1B		PT1B	
Mass			kg	143		104	
★5 Sound pressure level (H/L)			dB(A)	44/42		44/42	
Safety devices				Fuse, Thermal fuse for fan motor		Fuse, Thermal fuse for fan motor	
Refrigerant control				Electronic expansion valve		Electronic expansion valve	
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Screws, Insulation for fitting, Clamp metal		Operation manual, Installation manual, Drain hose, Sealing pads, Clamps, Screws, Insulation for fitting, Clamp metal	
Drawing No.	Specification			C: 3D104702		C: 3D104702	
	Sound level	50 Hz	C: 4D104725		C: 4D104725		
		60 Hz	C: 4D104744		C: 4D104744		

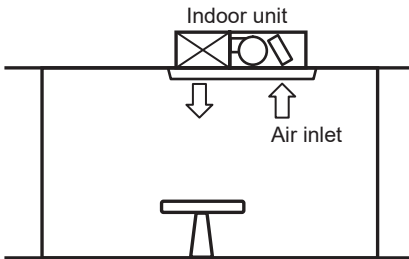
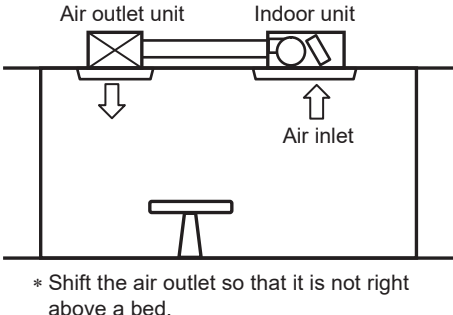
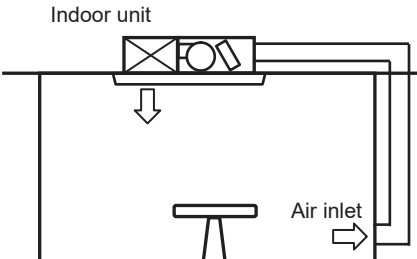
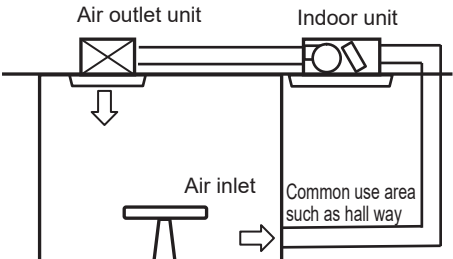
Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3
l/s=m³/min×1000/60

3. Installation Image

Suction method	Ceiling inlet type	
Arrange	Integrated outlet unit model	Separate outlet unit model
Installation image		 * Shift the air outlet so that it is not right above a bed.
Use application	ICU, delivery room, room for premature baby, Recovery room, etc. • Air-conditioning to a spot centering around directly beneath the air outlet. • Give weight to workability saving.	
Suction method	Lower wall inlet type	
Arrange	Integrated outlet unit model	Separate outlet unit model
Installation image		 * Consider the contamination control at the time of indoor unit maintenance
Use application	General operating room, etc. • Air conditioning in a whole room • Give weight to the high cleaning level. • Give weight to the draft prevention.	

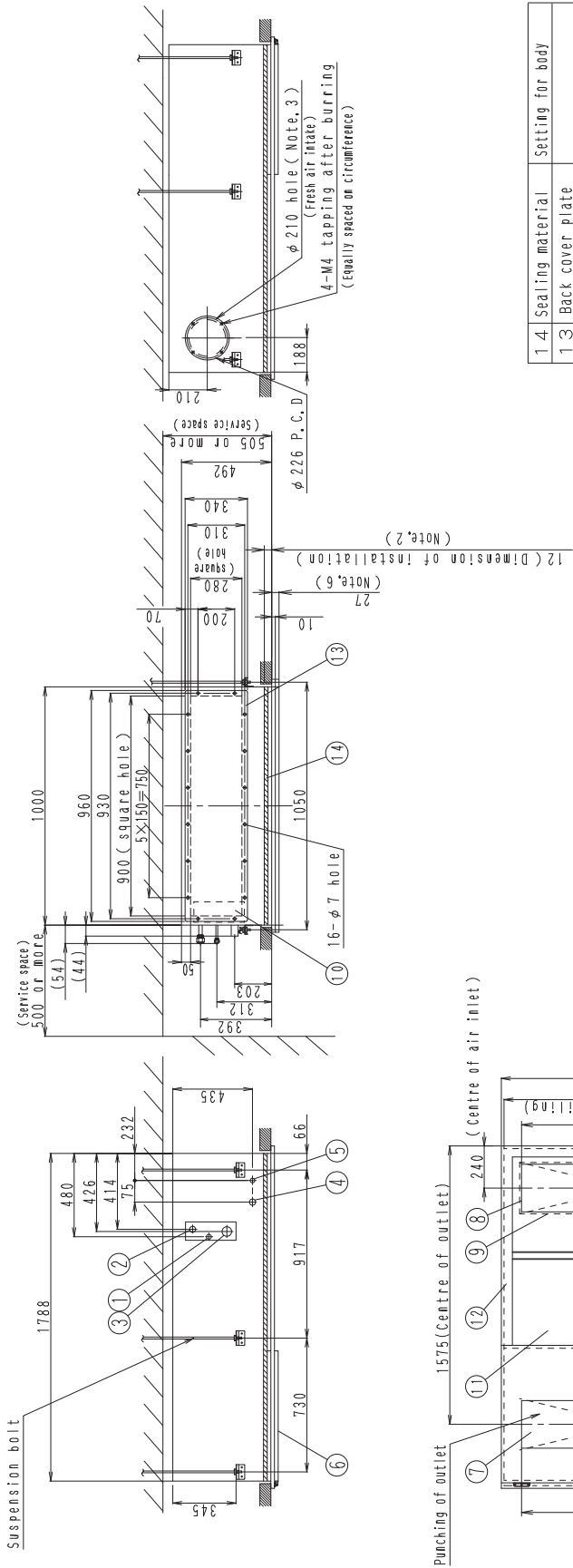
<Precautions>

- Select lower wall inlet type at the following situations.
 - When giving weight to the temperature at the lower part of a room or to heating the entire room.
 - If a room requires the specially high clean level and has many people such as an operating room. (Prevent the dust on the floor drifting in the air by lower wall inlet type).
- Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
- In order to keep static pressure in a room, the indoor fan continues to operate even when the abnormality due to thermostat-off, defrost, protection device operation, etc. is determined.
- When taking the outdoor air, etc. from the fresh air intake, install a damper, etc. that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops.
 - The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
- The dust collection efficiency of HEPA filter is 99.97%. However, air may slightly leak around the filter when installing.
- In the hospital facilities, when disinfecting the operating room where this unit is installed with gas, stop operation and cover the air inlet and outlet with the plastic sheets since it may break if the gas goes into the air-conditioner.

4. Dimensions

4.1 Ceiling Inlet Type
FXBQ40PVE / FXBQ50PVE

Unit: mm



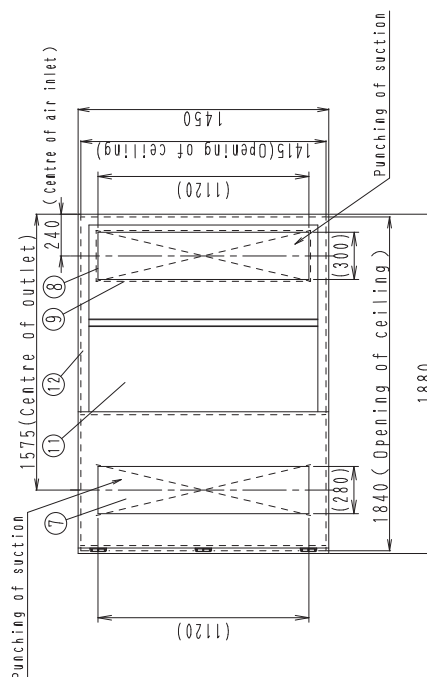
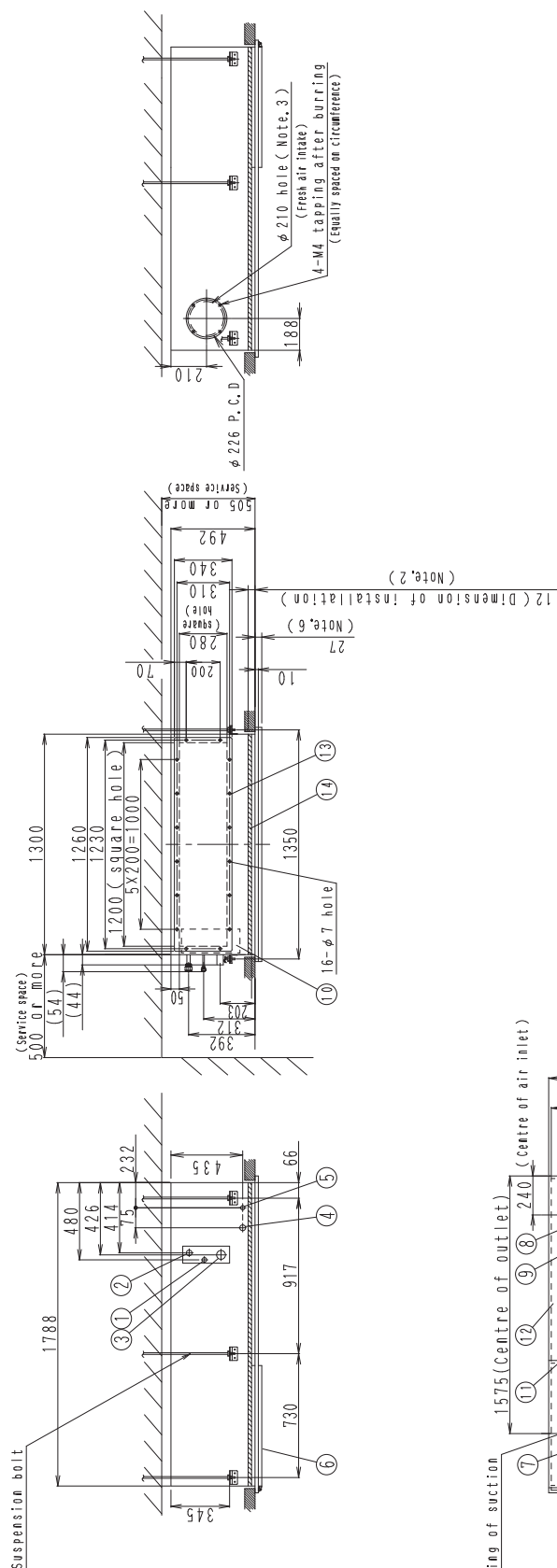
- Note1. The insulation (foam polyethylene) is stuck inside outlet panel.
2. It is distance to ceiling bottom and edge of the body plate.
3. When taking the outdoor air, etc. from the fresh air intake, install a damper, etc. that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops. The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
4. Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
5. Do not locate things should not be wet under the indoor unit. Dew may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.
6. It is height to except the screw (height: 10mm) for fixing outlet panel of surface.

Number	Name	Description
1	Liquid pipe connection	φ6.4 flare connection
2	Gas pipe connection	φ12.7 flare connection
3	Drain piping connection	PT1 external thread
4	Power supply wiring connection	
5	Transmission wiring connection	
6	Outlet panel	BYBP82D56C
7	HEPA filter	BAFHJ82A56
8	Air inlet	BYBP82D56C
9	L, L filter	BYBP82D56C
10	Control box	
11	Noise insulating plate	
12	Panel frame	BYBP82D56C
13	Back cover plate	
14	Sealing material	Setting for body

3D104654A

FXBQ63PVE

Unit: mm



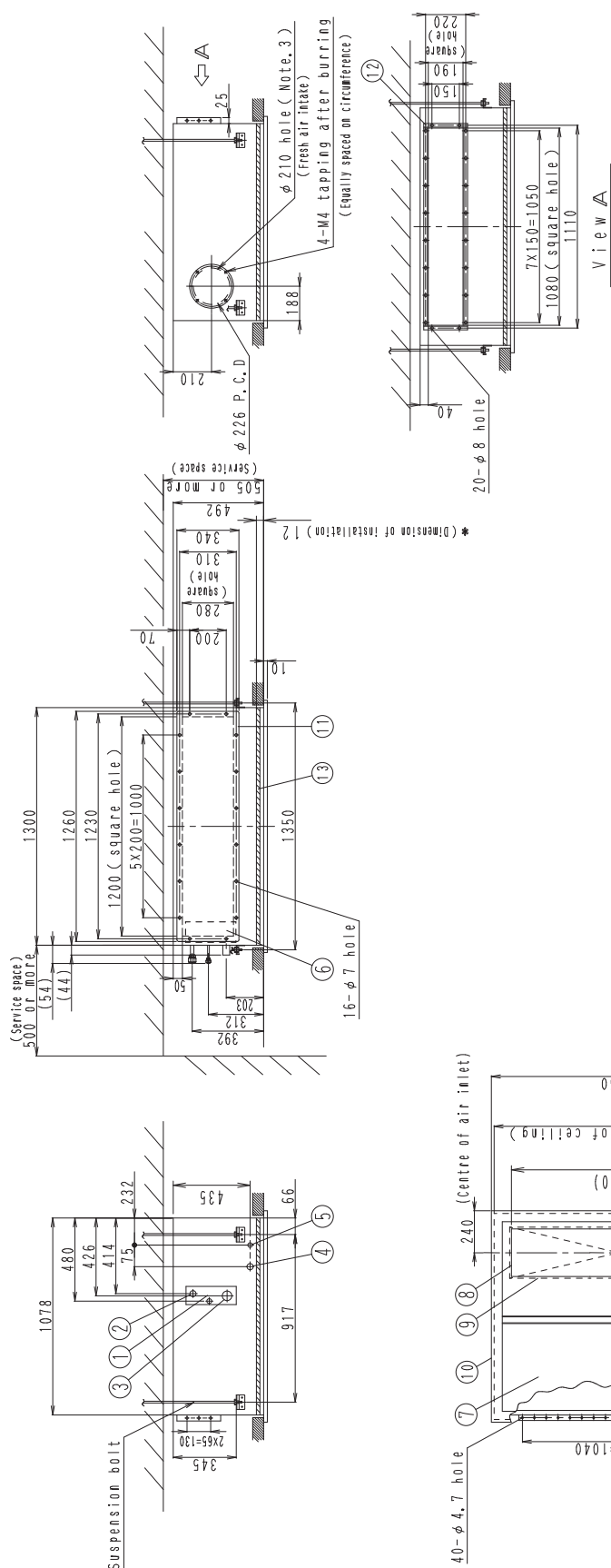
14	Sealing material	Setting for body
13	Back cover plate	
12	Panel frame	BYBP82D80C
11	Noise insulating plate	
10	Control box	
9	L.L. filter	BYBP82D80C
8	Air inlet	BYBP82D80C
7	HEPA filter	BAFHJ82A80
6	Outlet panel	BYBP82D80C
5	Transmission wiring connection	
4	Power supply wiring connection	
3	Drain piping connection	PT1 external thread
2	Gas pipe connection	ø15, 9 flare connection
1	Liquid pipe connection	ø9, 5 flare connection
Number	Name	Description

1. The insulation (foam polyethylene) is stuck inside outlet panel.
2. It is distance to ceiling bottom and edge of the body plate.
(It is not distance to ceiling bottom and sealing material of body.)
3. When taking the outdoor air, etc., from the fresh air intake, install a damper, etc., that is coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops.
The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
4. Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
5. Do not locate things should not be wet under the indoor unit.
Dew may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.
6. It is right to except the screw (height:10mm) for fixing outlet panel of surface.

3D104655A

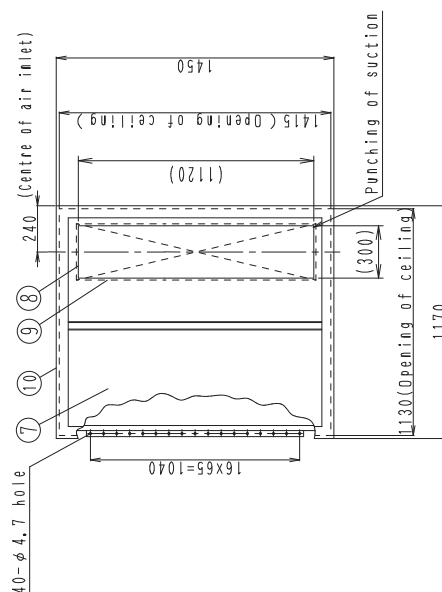
FXBPQ63PVE

Unit: mm



1	3	Sealing material	Setting for body
1	2	Discharge flange	
1	1	Back cover plate	
1	0	Panel frame	BYBP82D80CP
9		L, L, filter	BYBP82D80CP
8		Air inlet	BYBP82D80CP
7		Noise insulating plate	
6		Control box	
5		Transmission wiring connection	
4		Power supply wiring connection	
3		Drain piping connection	PT1 external thread
2		Gas pipe connection	φ15.9 flare connection
1		Liquid pipe connection	φ9.5 flare connection
		Name	Description

- Note). Use the dedicated HEPA unit for outlet filter unit.
2. Installation dimension of * mark is distance for ceiling bottom and edge of the body plate.
(It is not distance to ceiling bottom and sealing material of body.)
3. When taking the outdoor air, etc., from the fresh air intake, install a damper, etc., that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops.
The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
4. Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
5. Do not locate things should not be wet under the indoor unit.
Dew may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

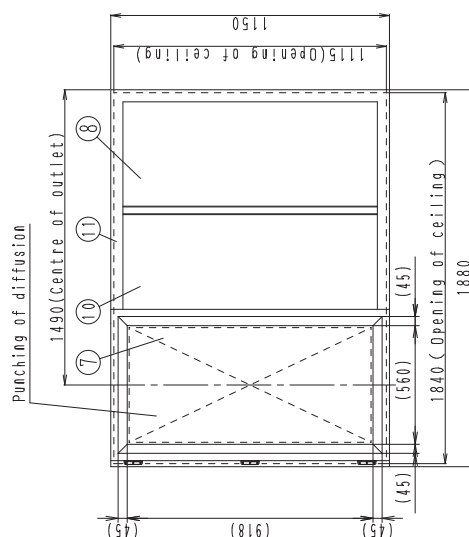
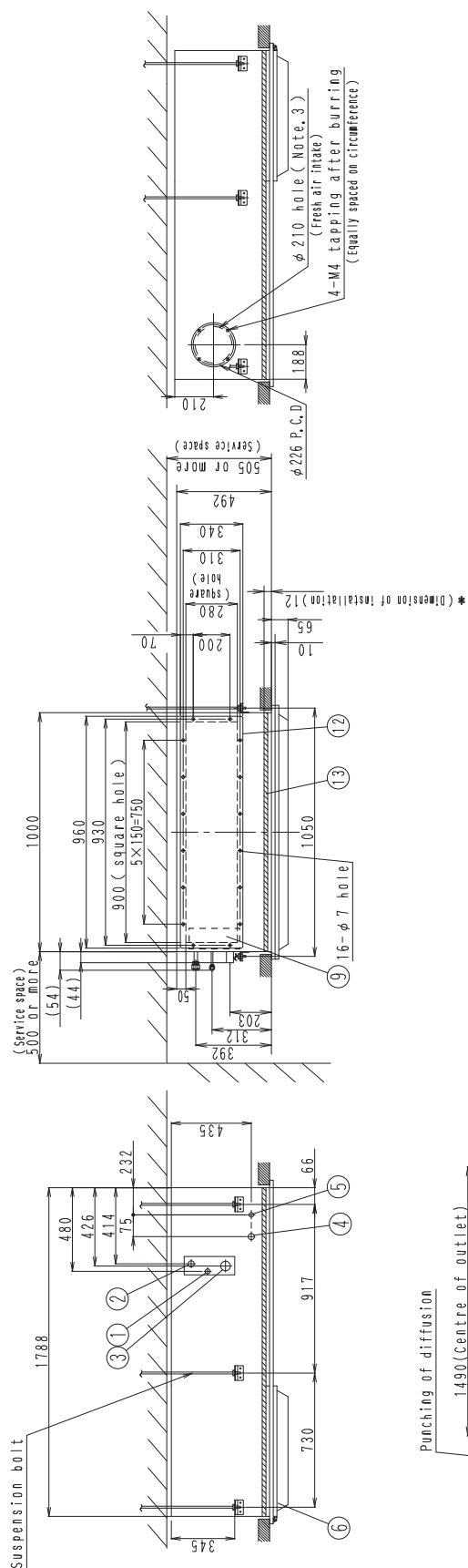


3D104658A

4.2 Lower Wall Inlet Type

FXBQ40PVE / FXBQ50PVE

Unit: mm



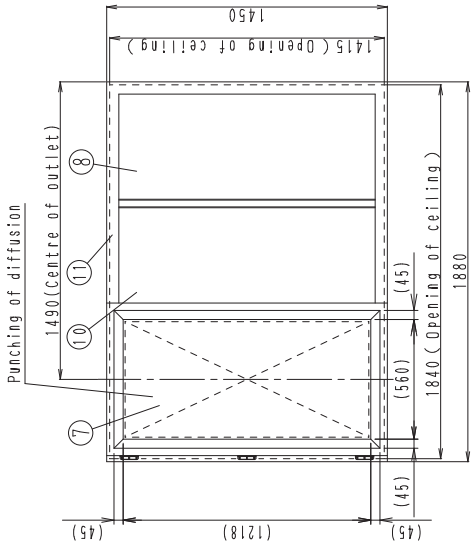
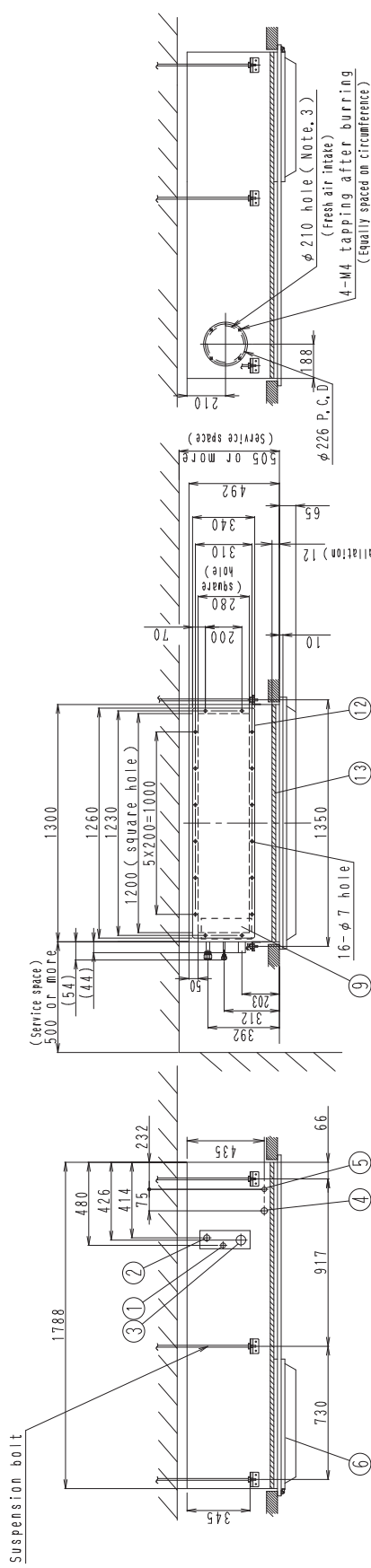
1	3	Sealing material	Setting for body
1	2	Back cover plate	
1	1	Panel frame	BYBP82D56W
1	0	Noise insulating plate	
9		Control box	
8		Access panel	BYBP82D56W
7		HEPA filter	BAFHJ82A56
6		Outlet panel	BYBP82D56W
5		Transmission wiring connection	
4		Power supply wiring connection	
3		Drain piping connection	PT1 external thread
2		Gas pipe connection	φ12.7 flare connection
1		Liquid pipe connection	φ6.4 flare connection
		Name	Description

- Note 1. The flange of back suction is attached the panel (BYBR82056W).
2. Installation dimension of * mark is distance for ceiling bottom and edge of the body plate.
(It is not distance to ceiling bottom and sealing material of body.)
3. When taking the outdoor air, etc., from the fresh air intake, install a damper, etc., that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops. The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
4. Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operation room where the failure of air conditioner may give a significant impact.
5. Do not locate things should not be wet under the indoor unit. Dew may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

3D104656A

FXBQ63PVE

Unit: mm



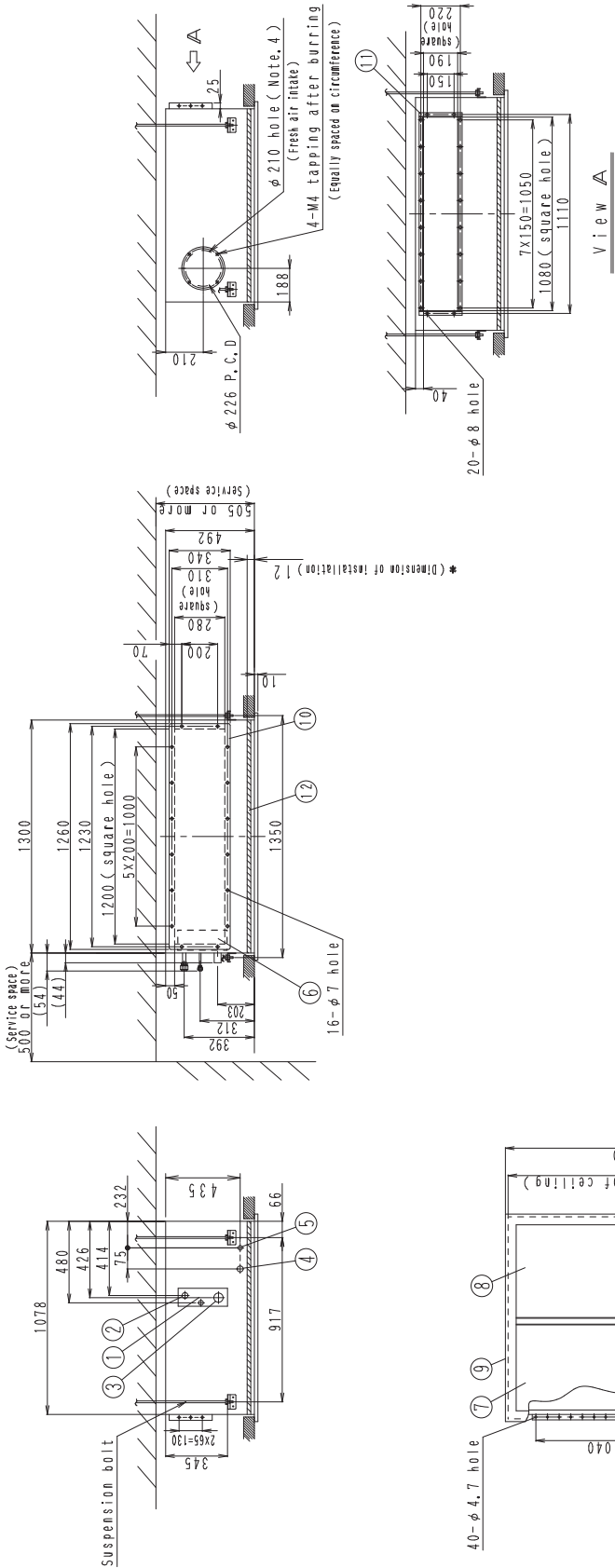
Note1. The flange of back suction is attached the panel (BYBP82D80W).
2. Installation dimension of * mark is distance for ceiling bottom and edge of the body plate.
(It is not distance to ceiling bottom and sealing material of body.)
3. When taking the outdoor air, etc. from the fresh air intake, install a damper, etc. that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops. The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
4. Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
5. Do not locate things should not be wet under the indoor unit. Dews may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

Number	Name	Description
13	Sealing material	Setting for body
12	Back cover plate	
11	Panel frame	BYBP82D80W
10	Noise insulating plate	
9	Control box	
8	Access panel	BYBP82D80W
7	HEPA filter	BAFHJ82A80
6	Outlet panel	BYBP82D80W
5	Transmission wiring connection	
4	Power supply wiring connection	
3	Drain piping connection	PT1 external thread
2	Gas pipe connection	φ15.9 flare connection
1	Liquid pipe connection	φ9.5 flare connection

3D104657A

FXBPQ63PVE

Unit: mm



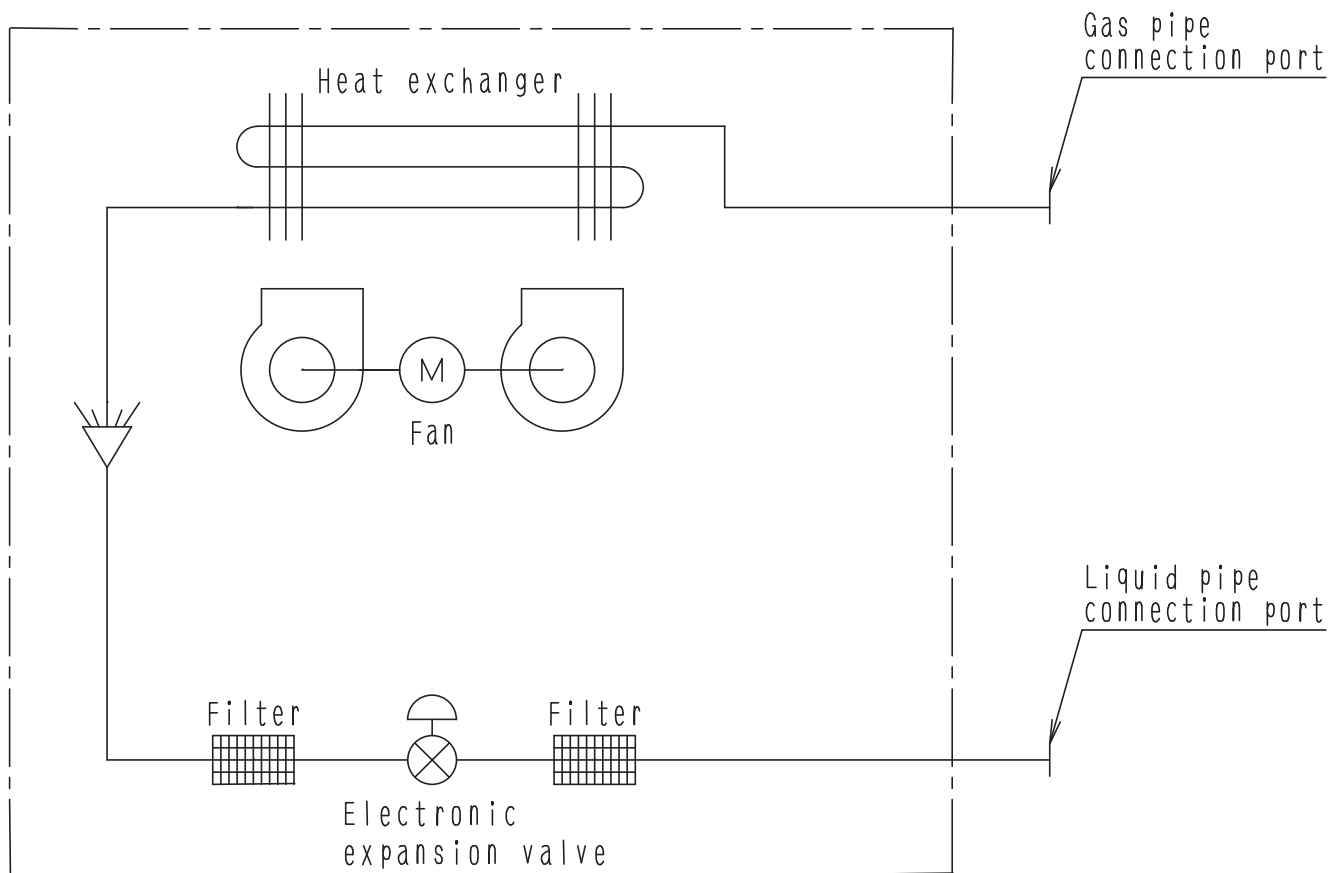
Number	Name	Description
1	Liquid pipe connection	φ9.5 flare connection
2	Gas pipe connection	φ15.9 flare connection
3	Drain piping connection	PT1 external thread
4	Power supply wiring connection	
5	Transmission wiring connection	
6	Control box	
7	Noise insulating plate	
8	Access panel	
9	Panel frame	
10	Back cover plate	
11	Discharge flange	
12	Sealing material	

- Note: Use the dedicated HEPA unit for outlet filter unit.
- Installation dimension of * mark is distance for ceiling bottom and edge of the body plate.
 - The flange of back section is attached the panel (BYBP82D80WP).
 - When taking the outdoor air, etc. from the fresh air intake, install a damper, etc. that are coordinated with the indoor fan in a duct routing so that the outdoor air is shut down when a fan stops. The air taken in may flow backward in the suction filter and let the dust in the filter return to a room.
 - Please install multiple units with two or more outdoor unit systems when installing in rooms such as an operating room where the failure of air conditioner may give a significant impact.
 - Do not locate things should not be wet under the indoor unit. Dews may drop when humidity reaches over 80%, or a drain gets stuck, or air filters are not clean.

3D104659A

5. Piping Diagrams

FXBQ40PVE / FXBQ50PVE / FXBQ63PVE / FXBPQ63PVE



APPLICABLE MODEL

FXC, FXM, FXL, FXN
 FXH, FXK, FXS, FJSP
 CBXLS, FXSP, FXCP
 FZSP, FXNP, FJNP
 FHQ, FXA, FXMQ, FBQ
 FXAQ, FXSP~BA,
 FZSP~BA(N), FS SP~BA,
 FQSP~BAN, FXUQ, FZCP, FZAP
 FXSQ~PV2S, FXSP~CA(N)
 FZSP~CA(N), FQSP~CAN
 FS SP~CA, FXSFP~AA, FSSFP~AA

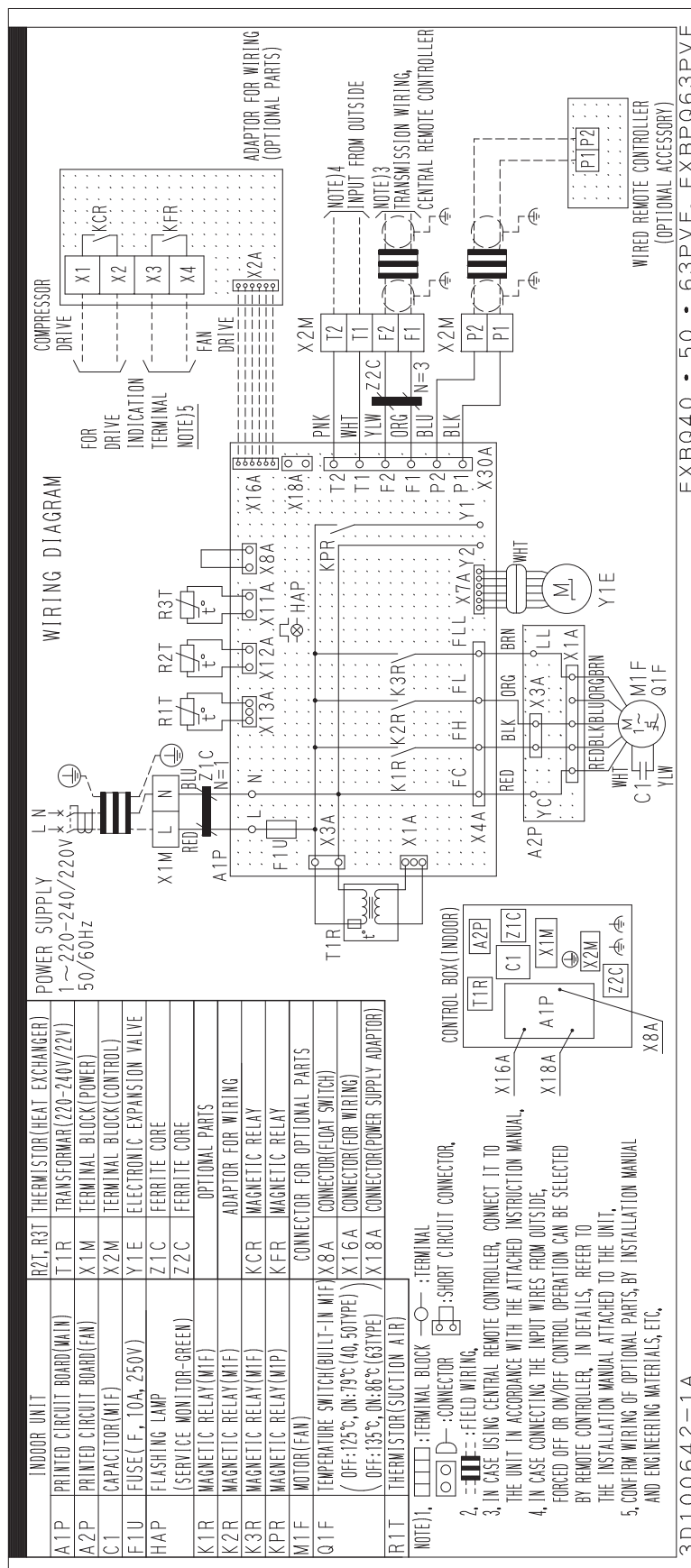
4D034245P

■ Refrigerant pipe connection port diameters

Model	Unit: mm	
	Gas	Liquid
FXBQ40PVE / FXBQ50PVE	φ12.7	φ6.4
FXBQ63PVE / FXBPQ63PVE	φ15.9	φ9.5

6. Wiring Diagrams

FXBQ40PVE / FXBQ50PVE / FXBQ63PVE / FXBPQ63PVE



FXBQ40 • 50 • 63PVE, FXBPQ63PVE

3D100642A

7. Electric Characteristics

FXBQ40PVE / FXBQ50PVE / FXBQ63PVE / FXBPQ63PVE

Model	Units				Power supply		IFM		Input (W)	
	Type	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXBQ40・50PVE(4)	VE	50	220-240	MAX. 264 Min. 198	1.8	15	0.160	1.4	310	310
FXBQ63PVE(4)					2.4	15	0.220	1.9	450	450
FXBPQ63PVE(4)					2.4	15	0.220	1.9	450	450
FXBQ40・50PVE(4)	VE	60	220	MAX. 242 Min. 198	1.9	15	0.160	1.5	330	330
FXBQ63PVE(4)					2.4	15	0.220	1.9	430	430
FXBPQ63PVE(4)					2.5	15	0.220	2.0	430	430

Symbols :

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note :

- Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits,
- Maximum allowable voltage unbalance between phases is 2%.
- MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA \leq 4 \times FLA$
(Next lower standard fuse rating. Min.15A)
- Select wire size based on the MCA.
- Instead of fuse, use Circuit Breaker.

8. Safety Devices Setting

Model		FXBQ40PVE	FXBQ50PVE	FXBQ63PVE	FXBPQ63PVE
Printed circuit board fuse		250 V, 10 A	250 V, 10 A	250 V, 10 A	250 V, 10 A
Fan motor thermal fuse	°C	—	—	—	—
Fan motor thermal protector	°C	OFF: 125±5 (ON: 79±15)	OFF: 125±5 (ON: 79±15)	OFF: 135±5 (ON: 86±15)	OFF: 135±5 (ON: 86±15)

C: 3D034597N

9. Capacity Tables

9.1 Cooling Capacity for Te: Auto

Model	Capacity Indication	Indoor air temp.													
		14°CWB		16°CWB		18°CWB		19°CWB		20°CWB		22°CWB		24°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXBQ40PVE	40	4.0	3.7	4.2	3.8	4.4	3.9	4.5	3.6	4.6	3.6	4.7	3.4	4.8	3.2
FXBQ50PVE	50	4.9	4.2	5.3	4.4	5.5	4.5	5.6	4.2	5.7	4.1	5.8	4.0	5.9	3.9
FXBQ63PVE	63	6.3	5.4	6.7	5.6	7.0	5.8	7.1	5.4	7.2	5.3	7.3	5.1	7.5	4.9
FXBPQ63PVE	63	6.3	5.4	6.7	5.6	7.0	5.8	7.1	5.4	7.2	5.3	7.3	5.1	7.5	4.9

TC: Total capacity: kW

SHC: Sensible heat capacity: kW

Notes:

- These capacity tables are for use 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.
- ☐ shows rated condition.

9.2 Cooling Capacity for Te: 6°C

Model	Capacity indication	Indoor air temp.													
		14°CWB		16°CWB		18°CWB		19°CWB		20°CWB		22°CWB		24°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXBQ40PVE	40	3.0	2.7	3.6	3.2	4.2	3.6	4.5	3.6	4.6	3.6	4.7	3.4	4.8	3.2
FXBQ50PVE	50	3.8	3.2	4.5	3.6	5.2	4.1	5.6	4.2	5.7	4.2	5.8	4.0	5.9	3.9
FXBQ63PVE	63	4.8	4.0	5.7	4.6	6.6	5.2	7.1	5.4	7.2	5.3	7.4	5.1	7.5	4.9
FXBPQ63PVE	63	4.8	4.0	5.7	4.6	6.6	5.2	7.1	5.4	7.2	5.3	7.4	5.1	7.5	4.9

TC: Total capacity: kW

SHC: Sensible heat capacity: kW

Notes:

- These capacity tables are for use 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.
- ☐ shows rated condition.

9.3 Heating Capacity

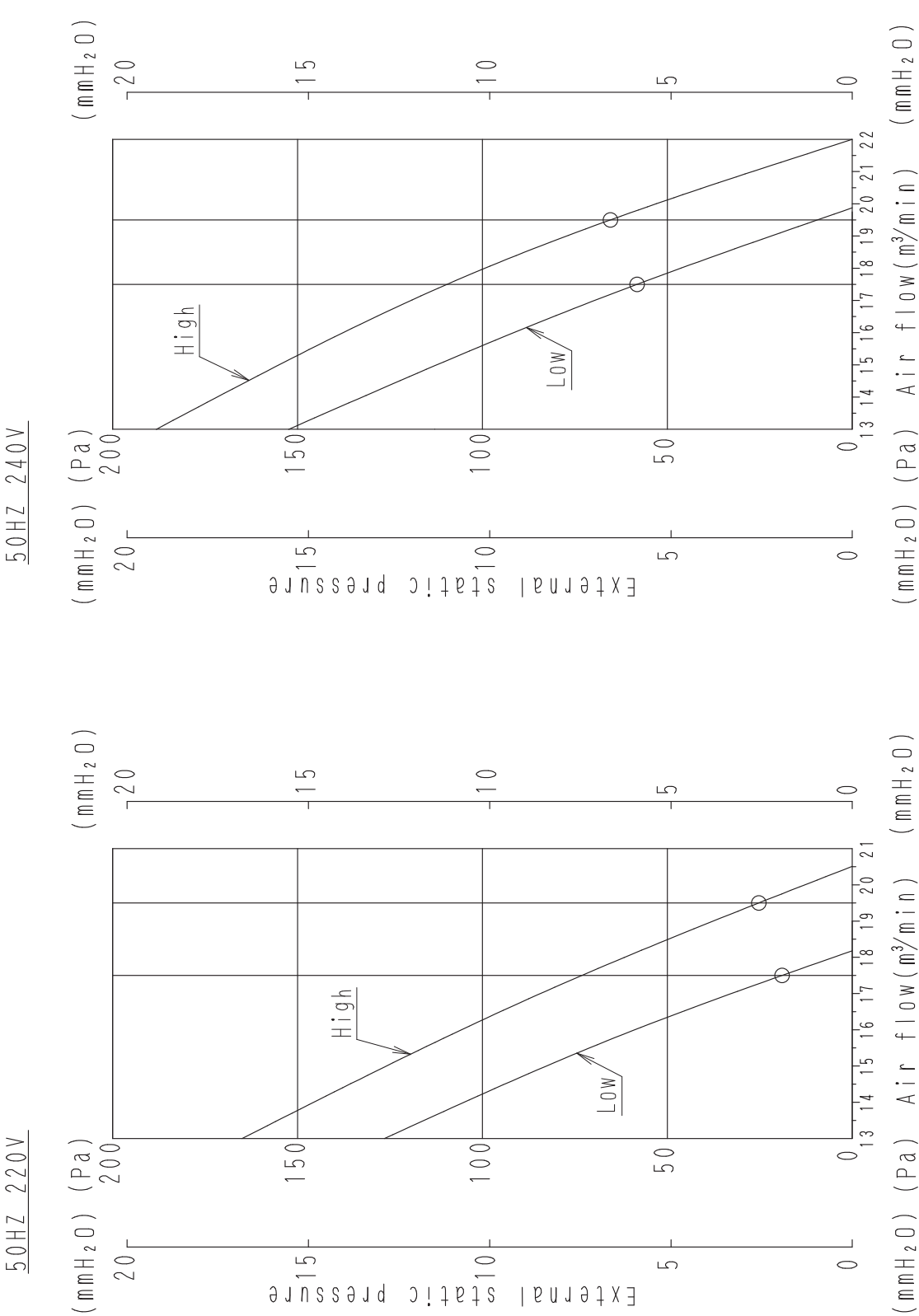
Model	Capacity indication	Indoor air temp.					
		16°CDB	18°CDB	20°CDB	21°CDB	22°CDB	24°CDB
		kW	kW	kW	kW	kW	kW
FXBQ40PVE	40	5.2	5.2	5.0	4.8	4.7	4.4
FXBQ50PVE	50	6.6	6.6	6.3	6.1	5.9	5.5
FXBQ63PVE	63	8.4	8.4	8.0	7.7	7.5	7.0
FXBPQ63PVE	63	8.4	8.4	8.0	7.7	7.5	7.0

Notes:

- These capacity tables are for use 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.
- ☐ shows rated condition.

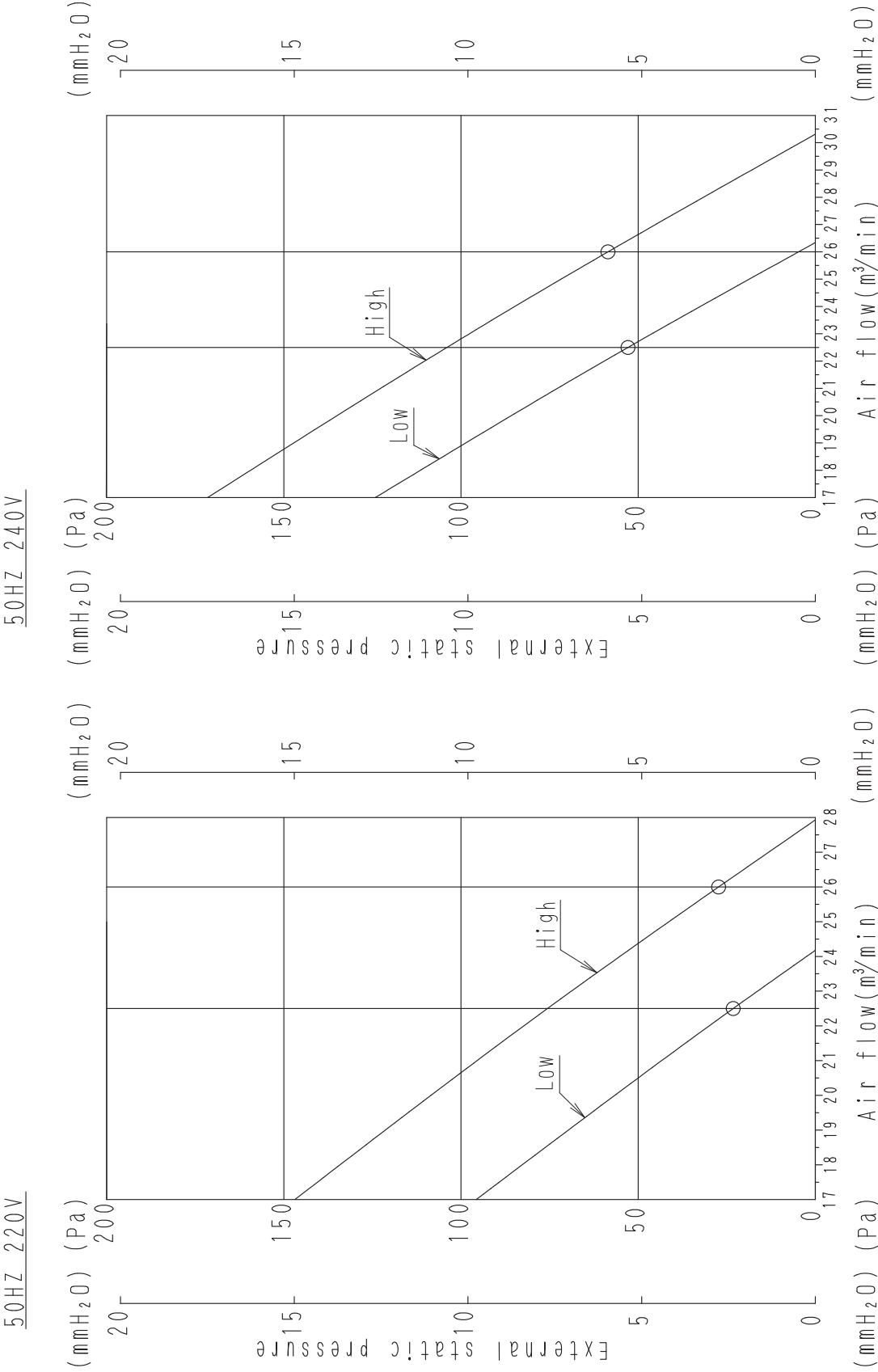
10.Fan Performances

10.1 50 Hz
FXBQ40PVE / FXBQ50PVE



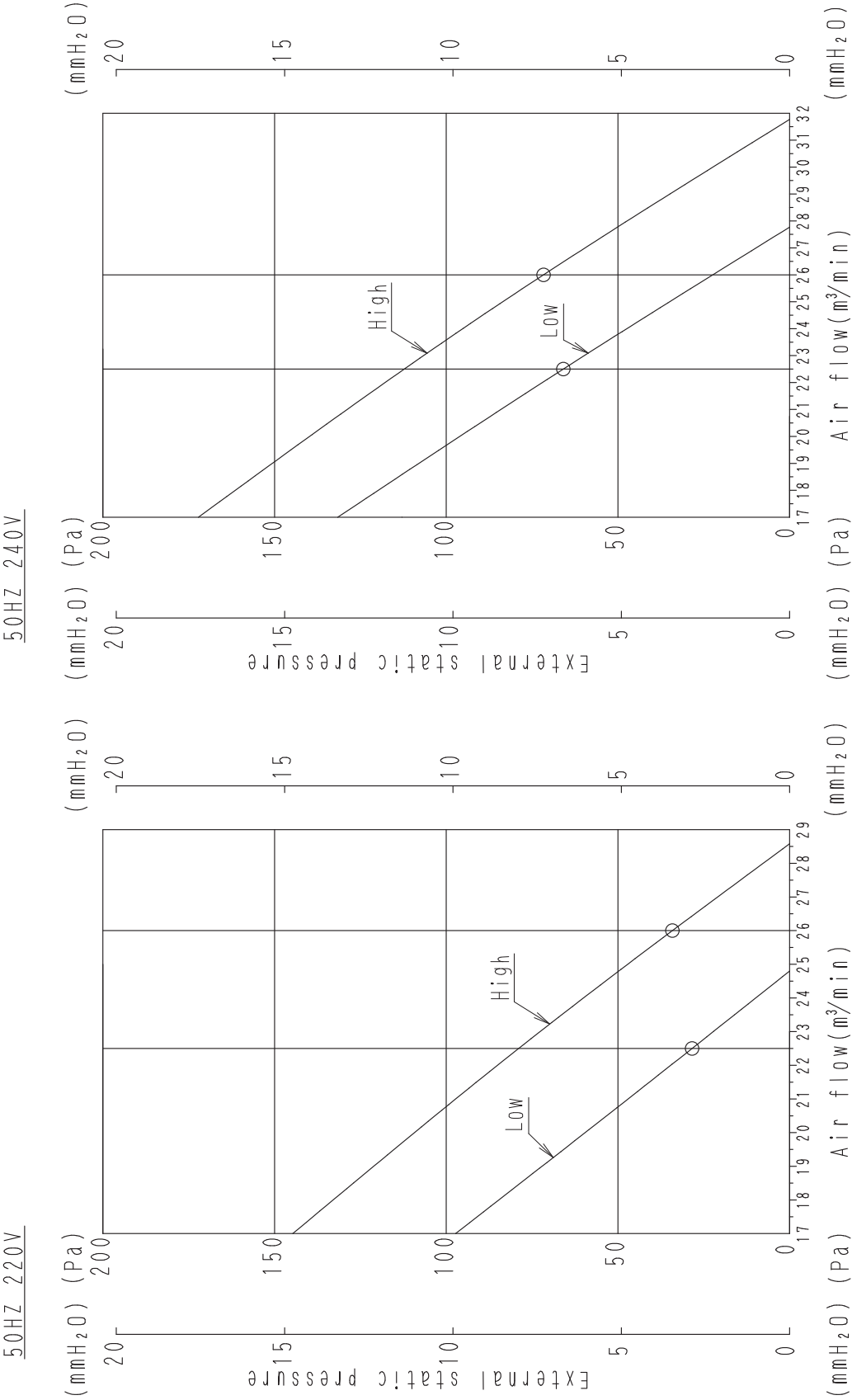
Notes) 1.The remote controller can be used to switch between "high" and "low".

FXBQ63PVE



Notes) 1. The remote controller can be used to switch between "high" and "low".

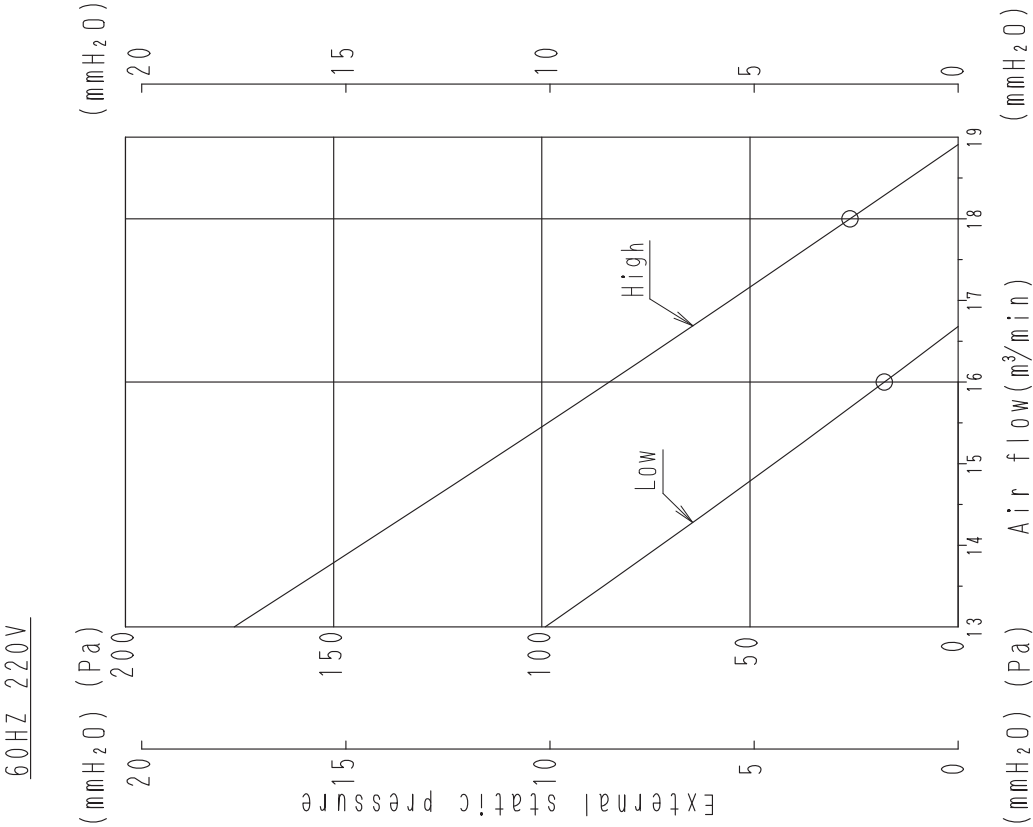
FXBPQ63PVE



Notes) 1.The remote controller can be used to switch between "high" and "low".

10.2 60 Hz

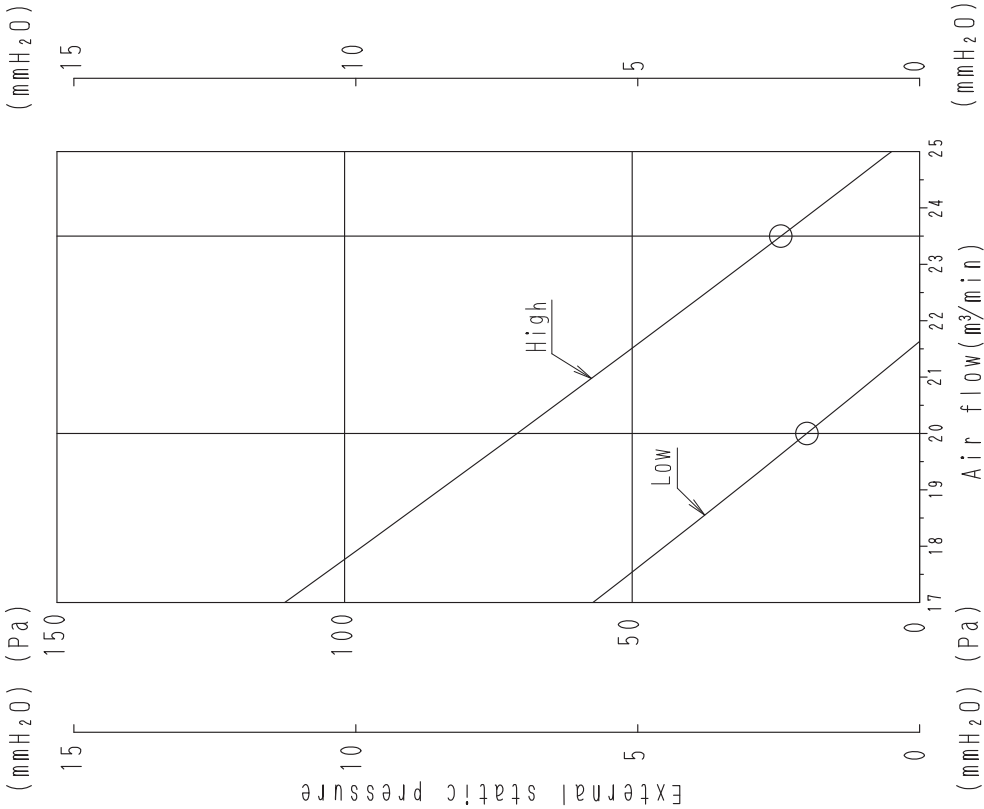
FXBQ40PVE / FXBQ50PVE



Notes) 1. The remote controller can be used to switch between "high" and "low".

FXBQ63PVE

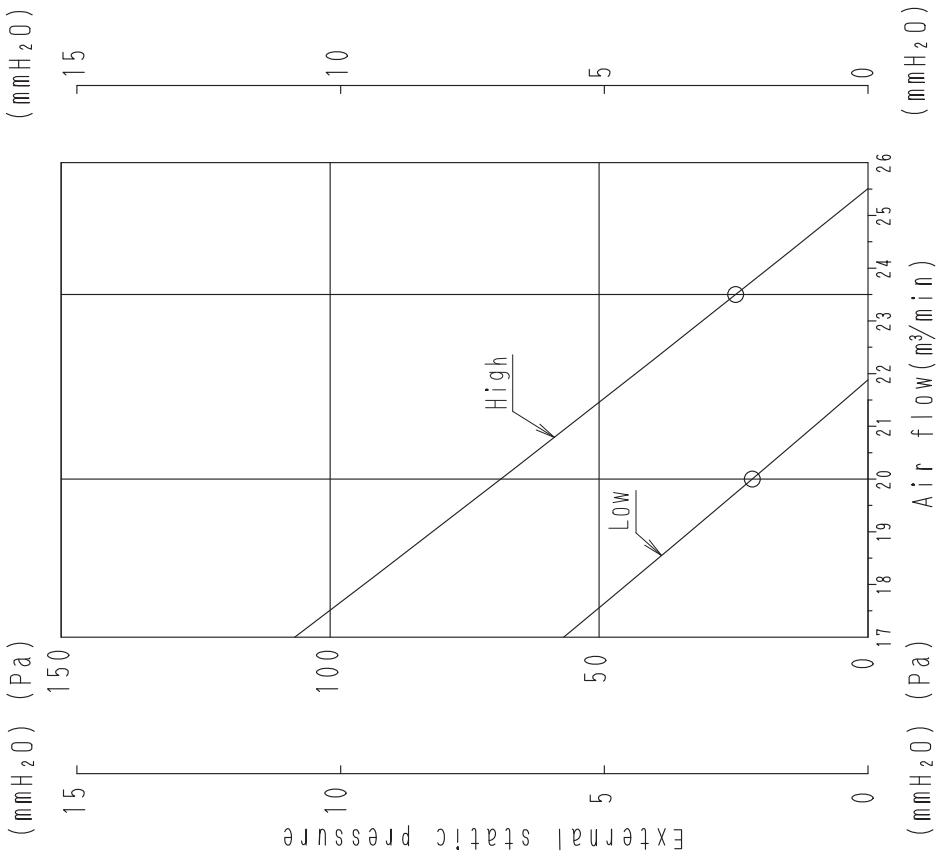
60HZ 220V



Notes) 1. The remote controller can be used to switch between "high" and "low".

FXBPQ63PVE

60HZ 220V

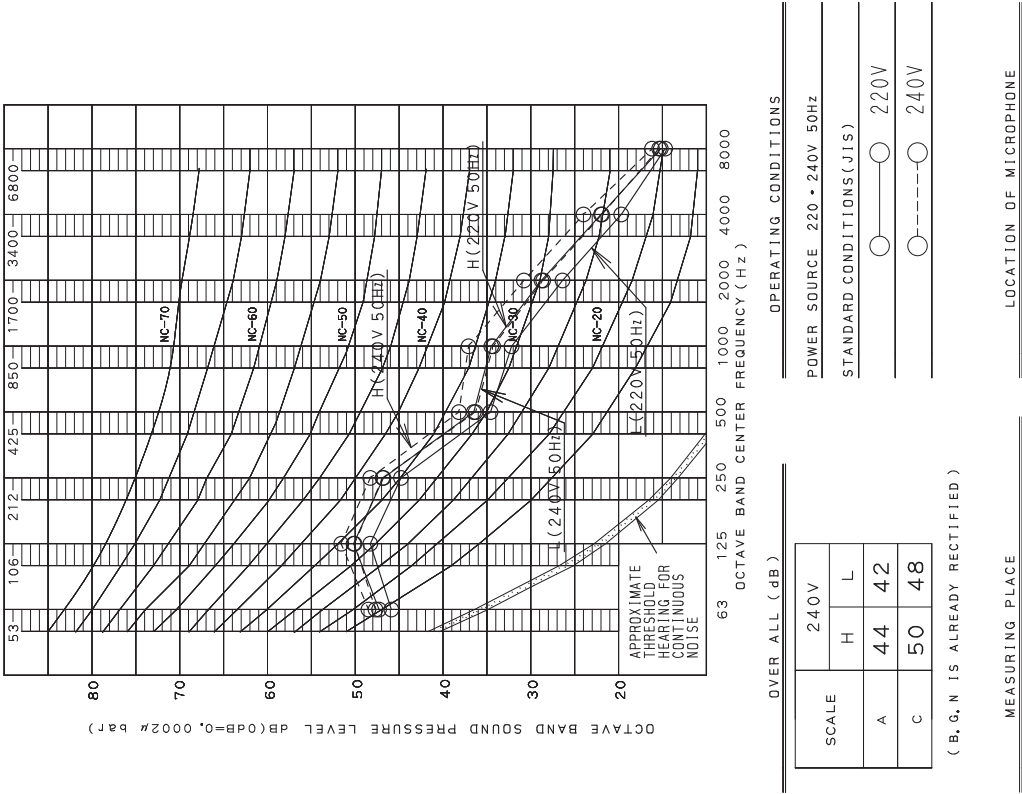


Notes) 1. The remote controller can be used to switch between "high" and "low".

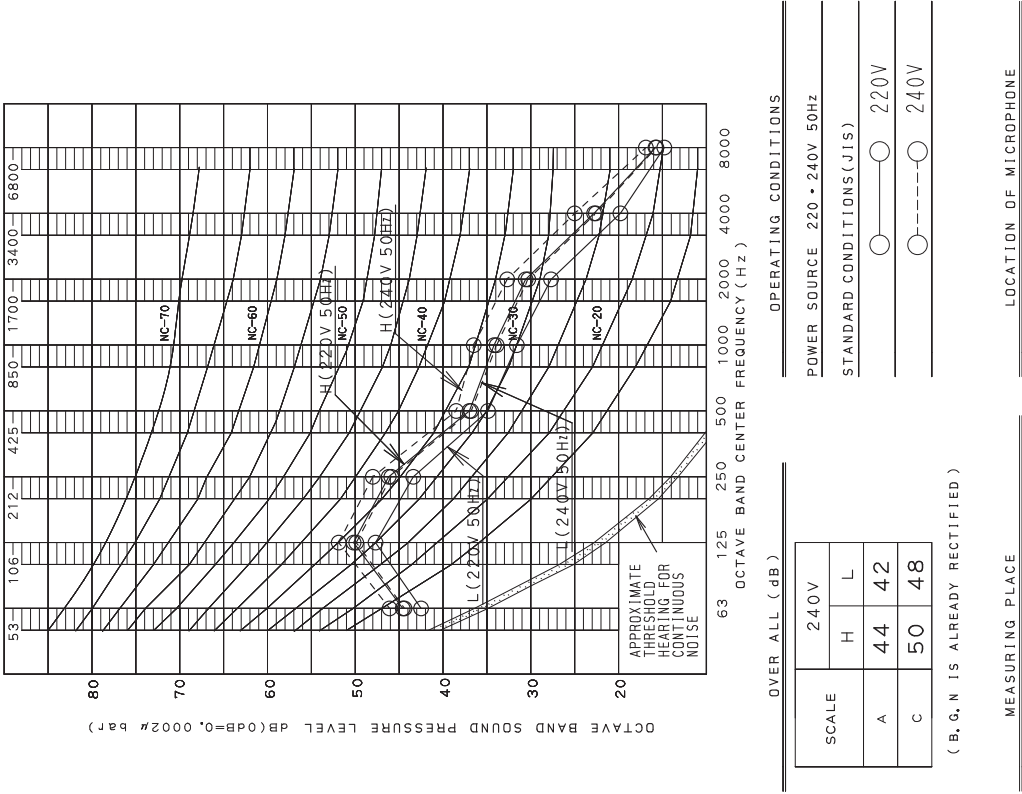
11.Sound Levels

11.1 50 Hz

FXBQ40PVE / FXBQ50PVE

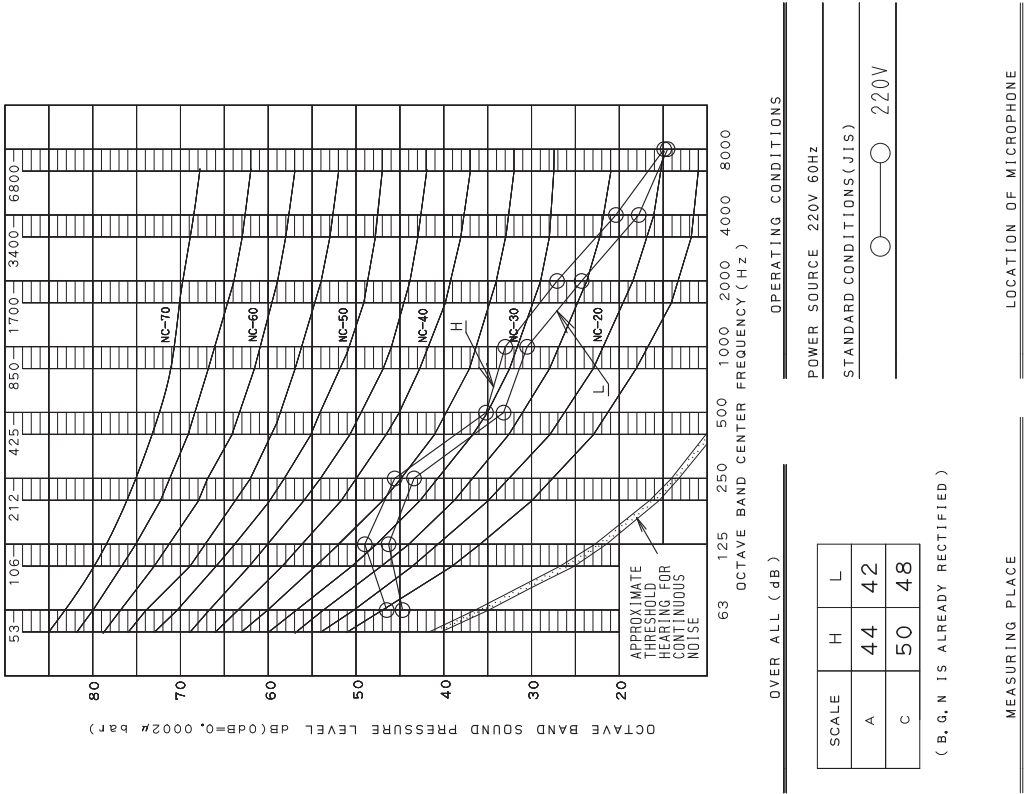


FXBQ63PVE / FXBPQ63PVE



11.2 60 Hz

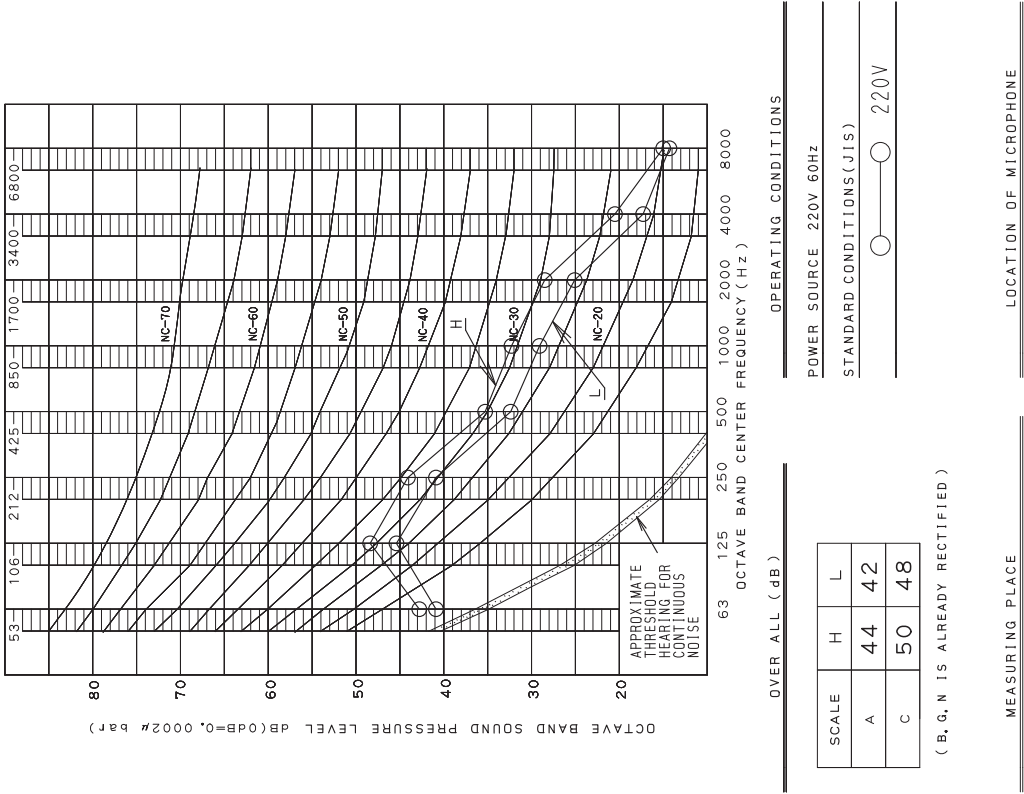
FXBQ40PVE / FXBQ50PVE



NOTE: Operation noise differs with operation and ambient conditions.

4D104743

FXBQ63PVE / FXBPQ63PVE



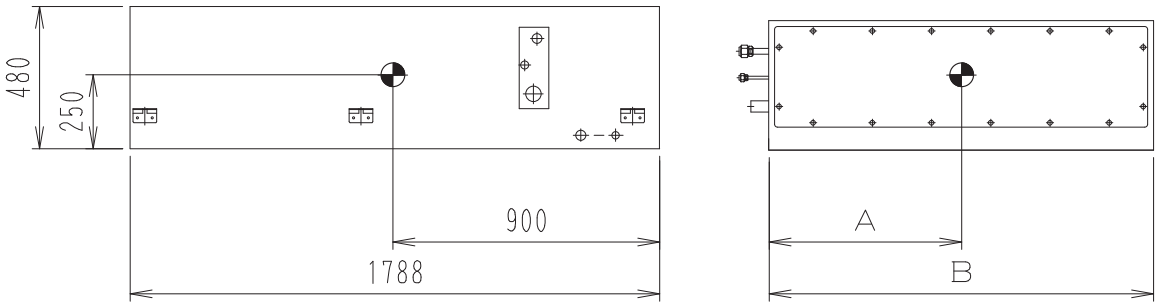
NOTE: Operation noise differs with operation and ambient conditions.

4D104744

12.Centre of Gravity

FXBQ40PVE / FXBQ50PVE / FXBQ63PVE

Unit: mm

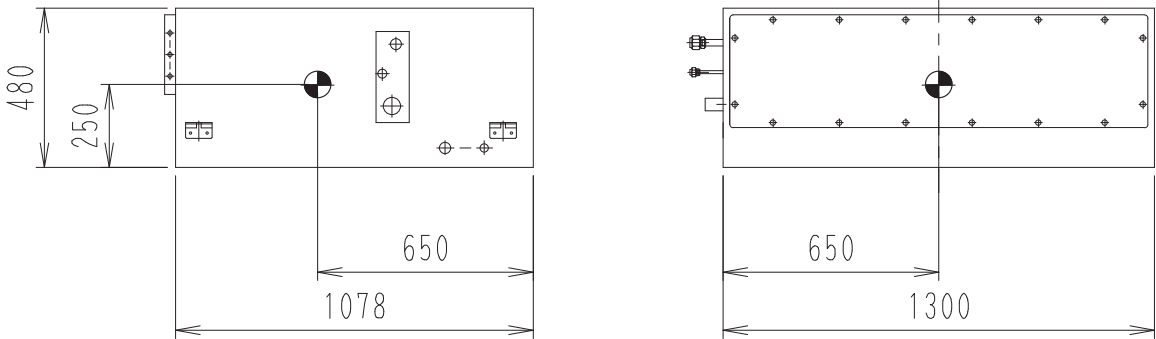


MODEL	A	B
FXBQ40・50PVE(4)	450	1000
FXBQ63PVE(4)	650	1300

4D104722

FXBPQ63PVE

Unit: mm



4D104723

13. Accessories

13.1 Optional Accessories (for Unit)

Item		Model			
		FXBQ40PVE	FXBQ50PVE	FXBQ63PVE	FXBPQ63PVE
Outlet unit		—			BAF82A63
Filter	HEPA filter	BAFH82A50		BAFH82A63	
Panel	Ceiling suction type	BYB82A50C		BYB82A63C	BYB82A63CP
	Under wall suction type	BYB82A50W		BYB82A63W	BYB82A63WP
Intake outside air flange for duct		KDFJ82A80			

C: 3D104703A

13.2 Optional Accessories (for Controls)

Item			Model			
			FXBQ40PVE	FXBQ50PVE	FXBQ63PVE	FXBPQ63PVE
Remote controller	Wireless	Cooling Only	BRC4C64			
		Heat Pump	BRC4C62			
	Wired		BRC2E61			
Navigation remote controller (Wired remote controller)			BRC1E63			
Adaptor for wiring			KRP1B61			
Wiring adaptor for electrical appendices (1)			KRP2A61			
Wiring adaptor for electrical appendices (2)			KRP4AA51			
Remote sensor (for indoor temperature)			KRCS01-1B			
External control adaptor for outdoor unit			DTA104A61			

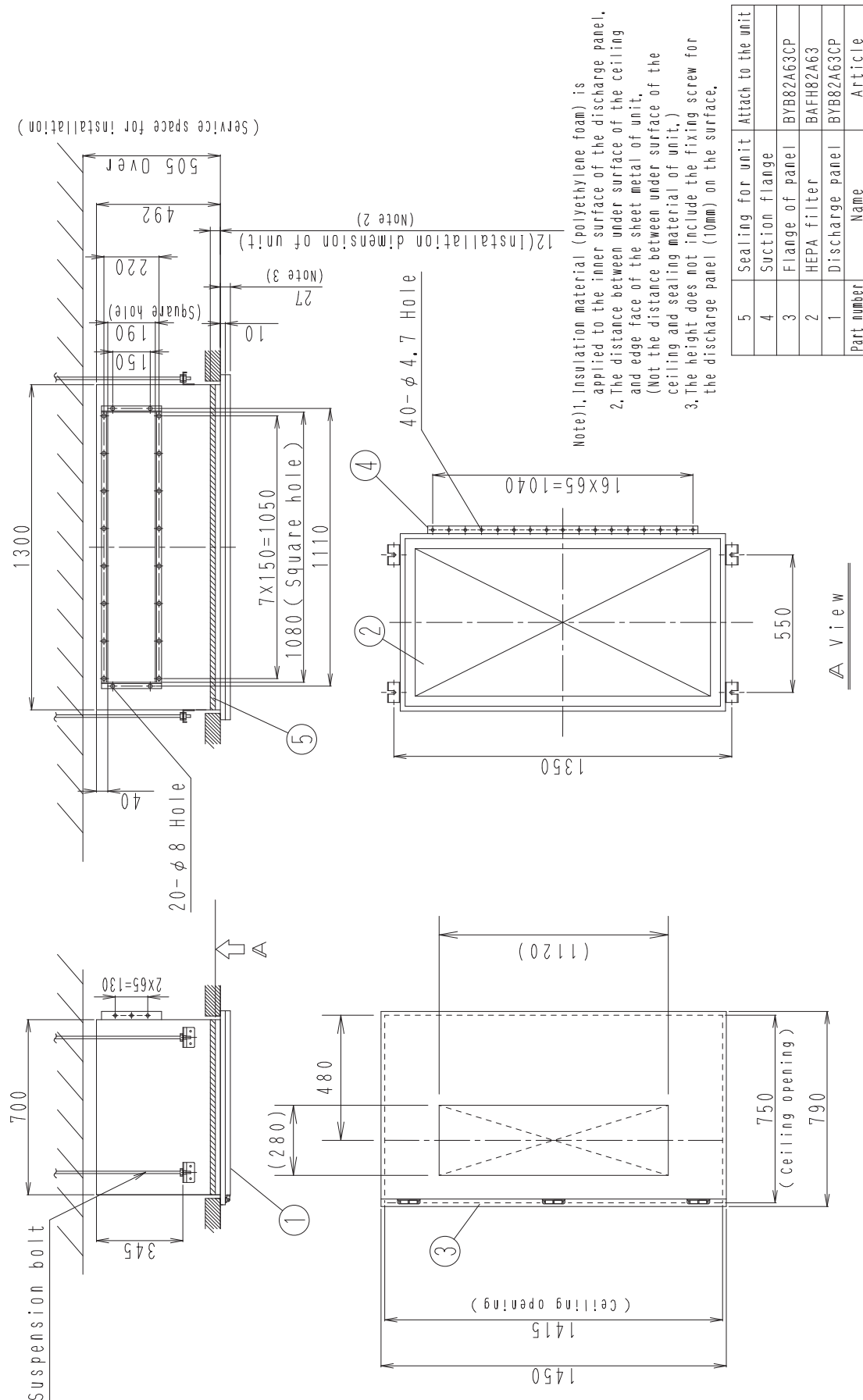
C:3D034600L

14.Details of Optional Accessories

14.1 BAF82A63 - Outlet Unit

BAF82A63 with BYB82A63CP

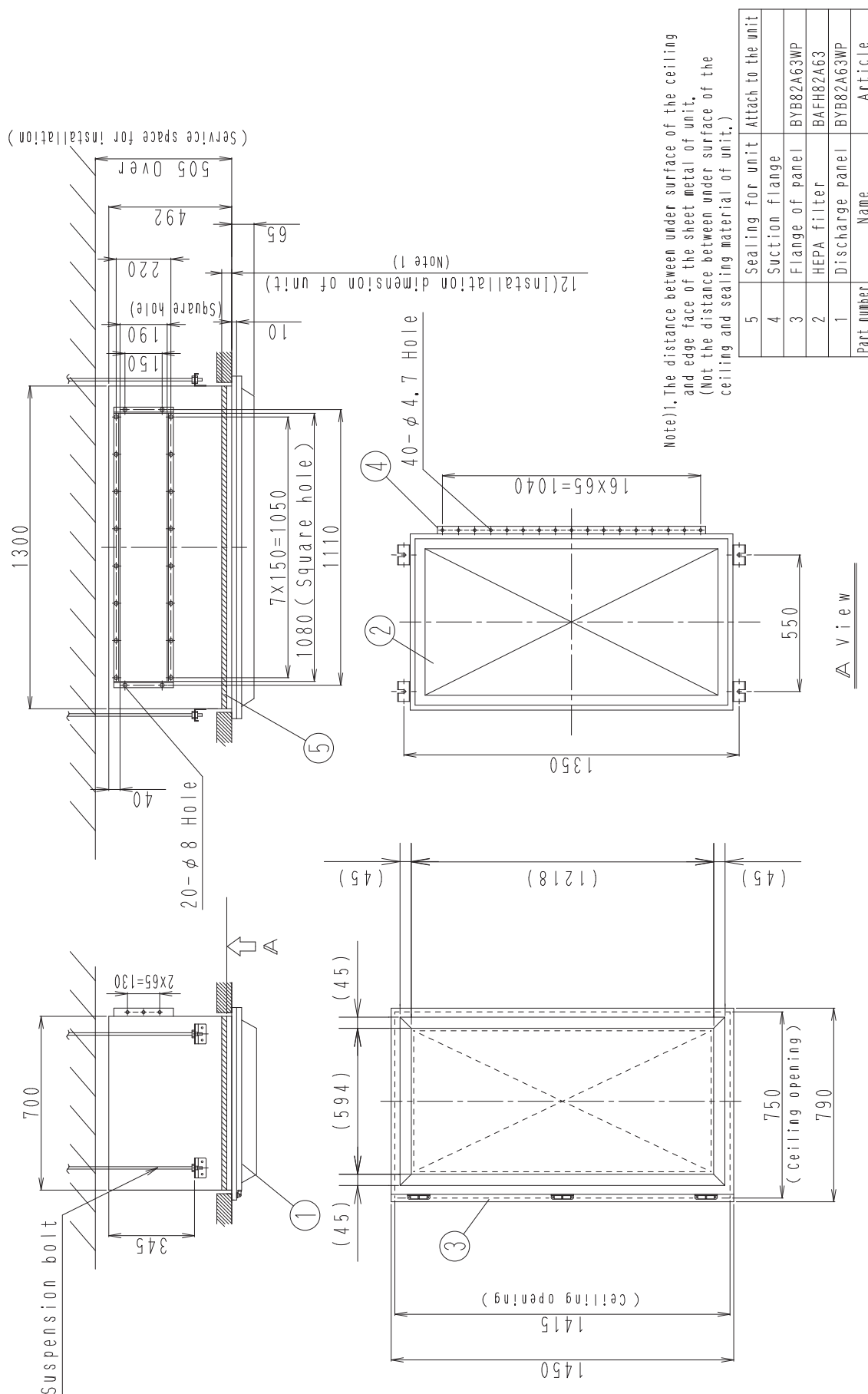
Unit: mm



3D100539

BAF82A63 with BYB82A63WP

Unit: mm



3D100540