

FXEQ-AVE

Ceiling Mounted Cassette

(Single Flow) Type

60 Hz

1. Lineup.....	2
2. Specifications	3
3. Dimensions.....	6
4. Piping Diagrams	9
5. Wiring Diagrams.....	10
6. Electric Characteristics	11
7. Safety Devices Setting	12
8. Capacity Tables.....	13
8.1 Cooling Capacity for Te: Auto	13
8.2 Cooling Capacity for Te: 6°C	13
8.3 Heating Capacity.....	13
9. Sound Levels.....	14
10. Centre of Gravity	20

1. Lineup

Capacity range	2.2 kW	2.8 kW	3.6 kW	4.5 kW	5.6 kW	7.1 kW
	0.8 HP	1 HP	1.25 HP	1.6 HP	2 HP	2.5 HP
Capacity index	20	25	31.25	40	50	62.5
FXEQ	20AVE	25AVE	32AVE	40AVE	50AVE	63AVE

VE : 1 phase, 220 V, 60 Hz



2. Specifications

Model				FXEQ20AVE	FXEQ25AVE
Power supply				1 phase, 220 V, 60 Hz	1 phase, 220 V, 60 Hz
★1 ★3 Cooling capacity			kcal/h	1,900	2,400
			Btu/h	7,500	9,600
			kW	2.2	2.8
★2 ★3 Heating capacity			kcal/h	2,200	2,800
			Btu/h	8,500	10,900
			kW	2.5	3.2
Power input	Cooling	60 Hz	kW	0.026	0.027
	Heating	60 Hz	kW	0.022	0.023
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	200×840×470	200×840×470
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.24	2×14×1.24
	Face area		m ²	0.158	0.158
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	87×1	87×1
	Airflow rate (H/HM/M/ML/L)	Cooling	m ³ /min	6.0/5.4/4.9/4.4/4.0	6.9/6.4/5.8/5.3/4.8
			cfm	212/191/173/155/141	244/226/205/187/169
		Heating	m ³ /min	6.0/5.6/5.1/4.7/4.2	7.2/6.7/6.1/5.6/5.0
			cfm	212/198/180/166/148	254/237/215/198/177
Drive			Direct drive	Direct drive	
Sound absorbing thermal insulation material				Foamed polyurethane	Foamed polyurethane
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	PVC26 (External dia. 26 Internal dia. 20)	PVC26 (External dia. 26 Internal dia. 20)
Mass			kg	17	17
★4 Sound pressure level (H/HM/M/ML/L)		Cooling	dB(A)	30/29/28/27/26	32/31/30/29/28
		Heating		33/31/29/28/26	35/33/31/30/28
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYEP40AW1	BYEP40AW1
	Panel colour			Fresh white	Fresh white
	Dimensions: (H×W×D)		mm	80×950×550	80×950×550
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass		kg	8	8
Standard accessories				Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose	Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose
Drawing No.	Specification			C: 3D084985	C: 3D084985
	Sound level			C: 3D085028	C: 3D085029

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. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. 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=m ³ /min×35.3

Model				FXEQ32AVE	FXEQ40AVE
Power supply				1 phase, 220 V, 60 Hz	1 phase, 220 V, 60 Hz
★1 ★3 Cooling capacity			kcal/h	3,100	3,900
			Btu/h	12,300	15,400
			kW	3.6	4.5
★2 ★3 Heating capacity			kcal/h	3,400	4,300
			Btu/h	13,600	17,100
			kW	4.0	5.0
Power input	Cooling	60 Hz	kW	0.034	0.046
	Heating	60 Hz	kW	0.030	0.042
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	200×840×470	200×840×470
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.24	2×14×1.24+1×8×1.6
	Face area		m ²	0.158	0.158
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	87×1	87×1
	Airflow rate (H/HM/M/ML/L)	Cooling	m³/min	8.0/7.5/7.0/6.3/5.5	9.8/8.8/7.8/7.0/6.2
			cfm	282/265/247/222/194	346/311/275/247/219
		Heating	m³/min	8.6/8.0/7.4/6.7/6.0	10.2/9.3/8.4/7.6/6.8
			cfm	304/282/261/237/212	360/328/297/268/240
Drive			Direct drive	Direct drive	
Sound absorbing thermal insulation material				Foamed polyurethane	Foamed polyurethane
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	PVC26 (External dia. 26 Internal dia. 20)	PVC26 (External dia. 26 Internal dia. 20)
Mass			kg	17	18
★4 Sound pressure level (H/HM/M/ML/L)		Cooling	dB(A)	35/34/33/32/30	38/37/35/33/31
		Heating		38/36/34/33/31	41/39/37/35/33
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYEP40AW1	BYEP40AW1
	Panel colour			Fresh white	Fresh white
	Dimensions: (H×W×D)		mm	80×950×550	80×950×550
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass		kg	8	8
Standard accessories				Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose	Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose
Drawing No.	Specification			C: 3D084985	C: 3D084985
	Sound level			C: 3D085030	C: 3D085031

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. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. 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=m ³ /min×35.3

Model				FXEQ50AVE	FXEQ63AVE
Power supply				1 phase, 220 V, 60 Hz	1 phase, 220 V, 60 Hz
★1 ★3 Cooling capacity			kcal/h	4,800	6,100
			Btu/h	19,100	24,200
			kW	5.6	7.1
★2 ★3 Heating capacity			kcal/h	5,400	6,900
			Btu/h	21,500	27,300
			kW	6.3	8.0
Power input	Cooling	60 Hz	kW	0.048	0.044
	Heating	60 Hz	kW	0.067	0.063
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	200×1,240×470	200×1,240×470
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.24+1×8×1.6	2×14×1.24+1×8×1.6
	Face area		m ²	0.251	0.251
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	117×1	117×1
	Airflow rate (H/HM/M/ML/L)	Cooling	m ³ /min	12.5/11.4/10.4/9.5/8.7	15.0/13.6/12.2/11.0/9.8
			cfm	441/402/367/335/307	530/480/431/388/346
		Heating	m ³ /min	14.0/12.8/11.6/10.7/9.8	16.9/15.3/13.6/12.3/11.0
			cfm	494/452/409/378/346	597/540/480/434/388
Drive			Direct drive	Direct drive	
Sound absorbing thermal insulation material				Foamed polyurethane	Foamed polyurethane
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ9.5 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ15.9 (Flare connection)
	Drain pipe		mm	PVC26 (External dia. 26 Internal dia. 20)	PVC26 (External dia. 26 Internal dia. 20)
Mass			kg	23	23
★4 Sound pressure level (H/HM/M/ML/L)		Cooling	dB(A)	38/37/35/33/31	43/41/39/37/35
		Heating		41/39/37/36/34	46/44/42/40/38
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYEP63AW1	BYEP63AW1
	Panel colour			Fresh white	Fresh white
	Dimensions: (H×W×D)		mm	80×1,350×550	80×1,350×550
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass		kg	10	10
Standard accessories				Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose	Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose
Drawing No.	Specification			C: 3D084985	C: 3D084985
	Sound level			C: 3D085032	C: 3D085033

Notes:

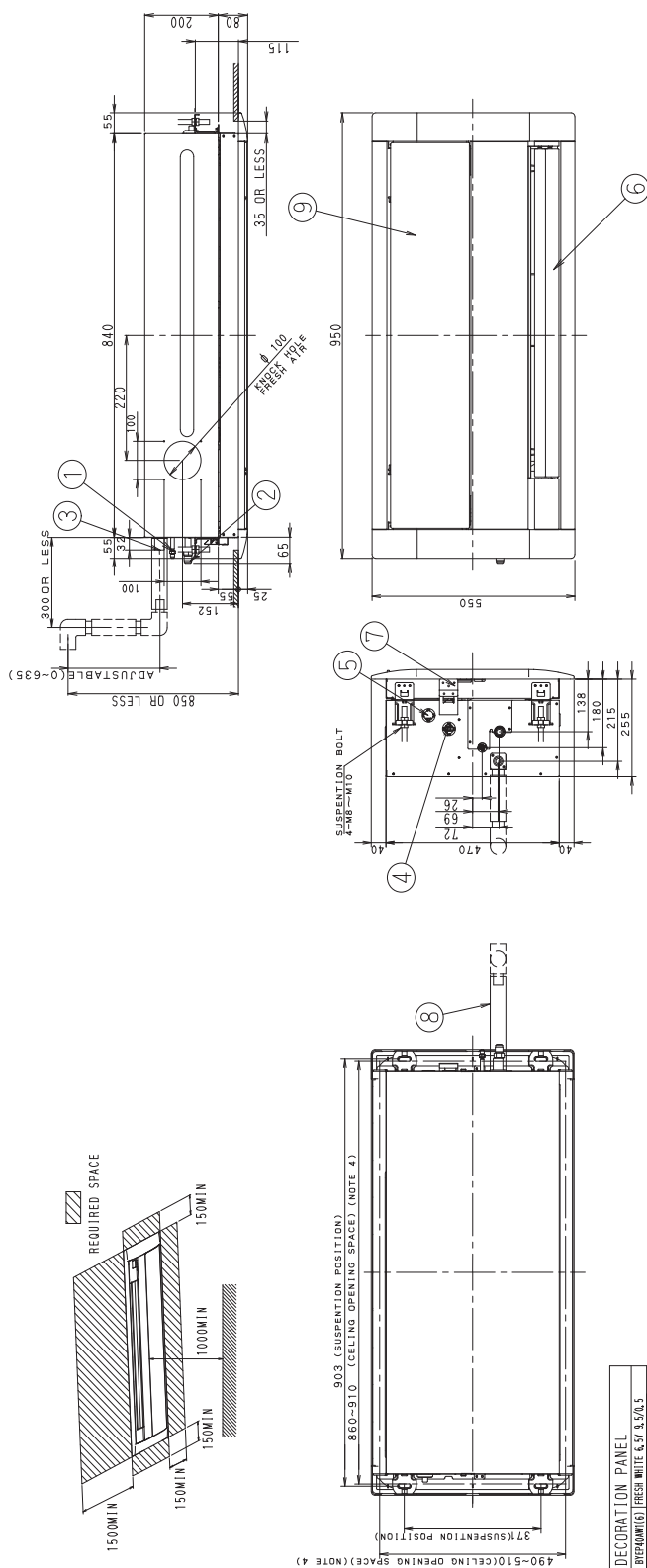
- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★4. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. 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=m ³ /min×35.3

3. Dimensions

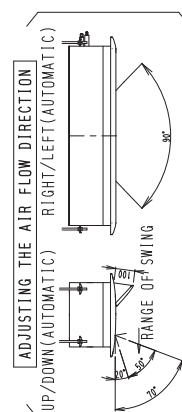
FXEQ20AVE / FXEQ25AVE / FXEQ32AVE / FXEQ40AVE

Unit: mm



Note:

1. Location of unit's Name Plate
-Unit body : on the control box cover,
-Decoration panel : on the panel frame at the middle of the inlet.
2. When installing an optional accessory, refer to the installation drawings,
3. When it may exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling , an additional insulation (thickness 10mm or more of glasswool or polyethylene foam) is required.
4. Make sure the spacing between the ceiling and the cassette is not more than 35mm.
MAX ceiling opening:910×510.



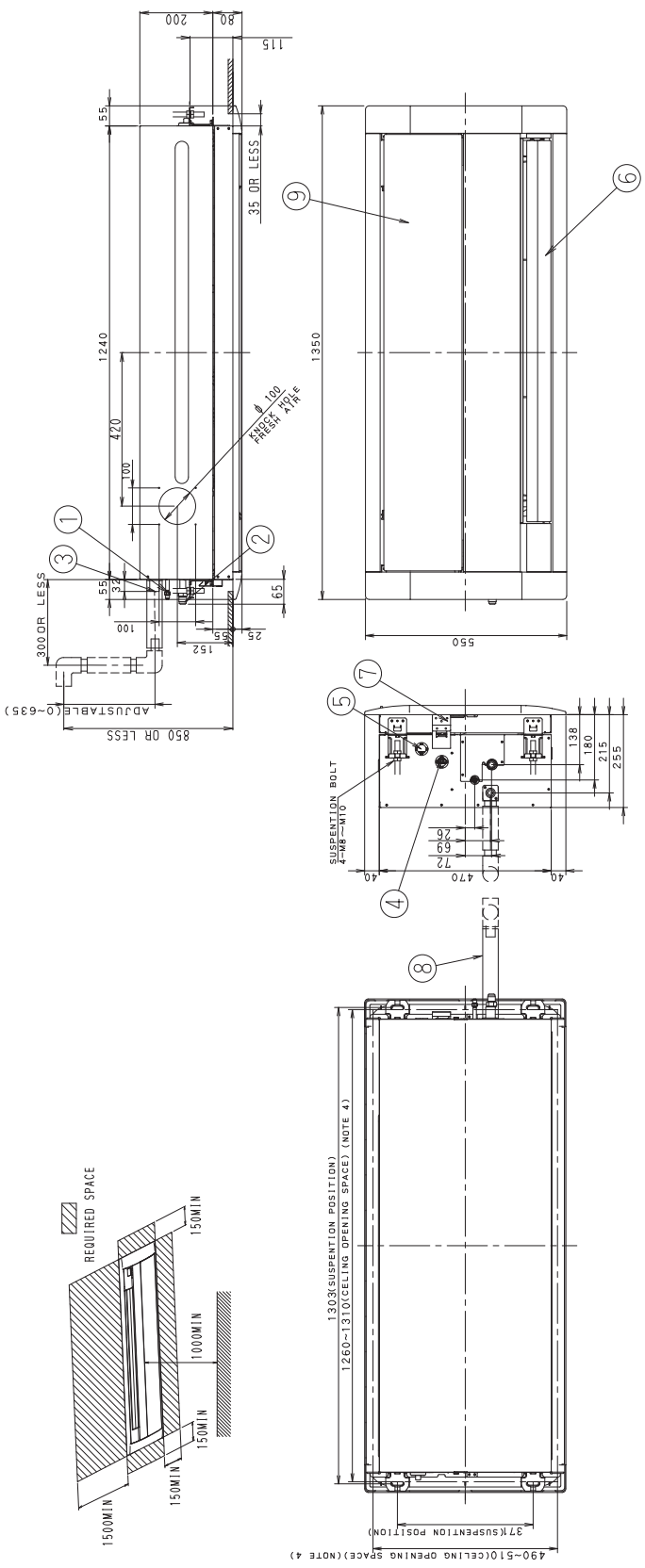
MODEL	AA	BB
FXE020~40AVE FXE020~40AV36	6.4	12.7

9	AIR-INLET		
8	DRAIN HOSE (ACCESSORY)		
7	FLEXURE		10ø 25 (OUTLET)
6	AIR-OUTLET		
5	CONNECTION WIRING / REMOTE CONTROL WIRING CONNECTION		
4	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION		
3	GAS PIPE CONNECTION		VP266 (10ø 26/10ø 20)
2	BRAIN PIPE CONNECTION		ø 80 (FLURE CONNECTION)
1	LIQUID PIPE CONNECTION		ø 4A (FLURE CONNECTION)
	PART NAME		REMARK

3D085025A

FXEQ50AVE

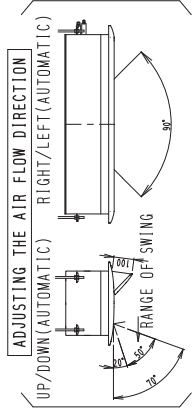
Unit: mm



MODEL	AA	BB
FXEQ50AVE	6, 4	12, 7

DECORATION PANEL
REFRESHMENT (FRESH WHITE 6, 9, 13, 15)

- Note:
1. Location of unit's Name Plate
-Unit body : on the control box cover.
-Decoration panel : on the panel frame at the middle of the inlet.
 2. When installing an optional accessory, refer to the installation drawings.
 3. When it may exceed 30% and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation (thickness 10mm or more of glasswool or polyethylene foam) is required.
 4. Make sure the spacing between the ceiling and the cassette is not more than 35mm. MAX ceiling opening:1310X510.

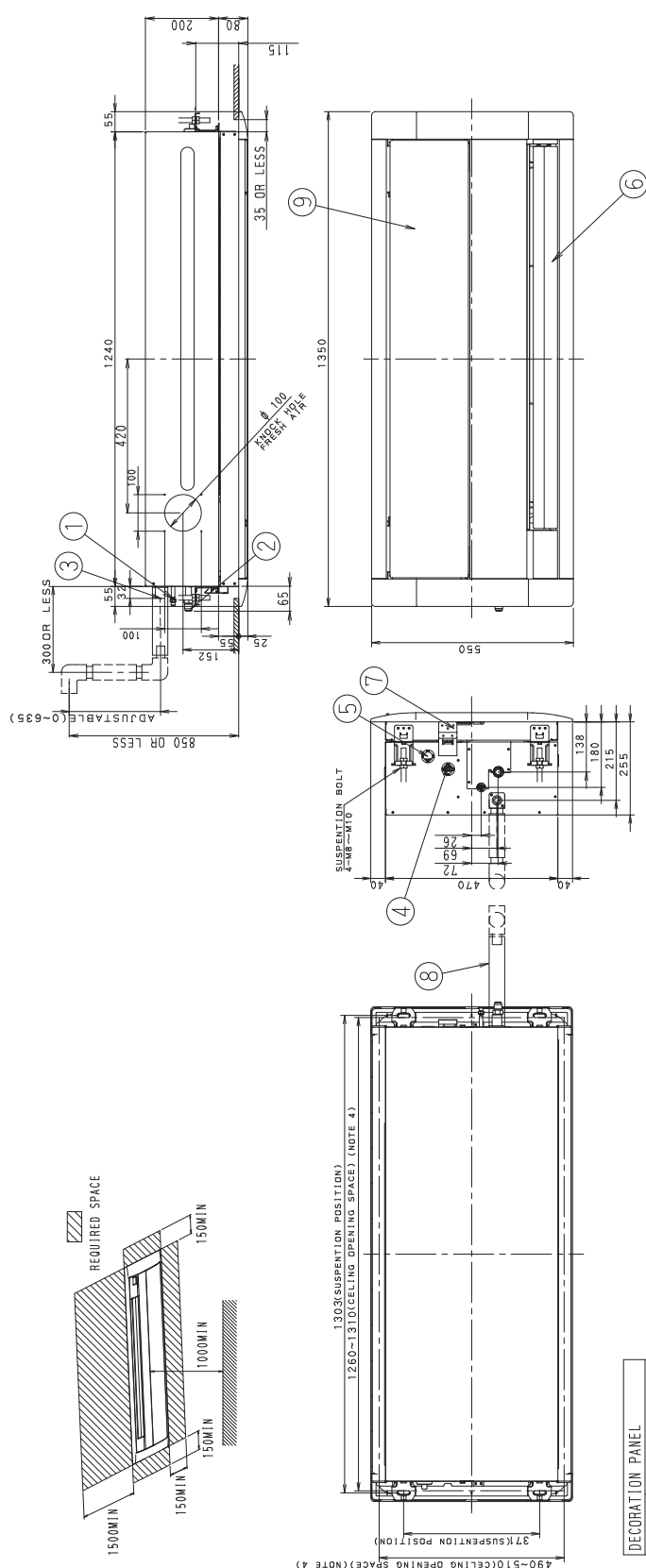


ITEM	PART NAME	REMARK
9	AIR-INLET	
8	DRAIN ROSE (ACCESSORY)	(D 1/2" OUTLET)
7	FIXTURE	
6	AIR-OUTLET	
5	CONNECTION WIRING / REMOTE CONTROL WIRING CONNECTION	
4	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION	
3	DRAIN PIPE CONNECTION	VP225 (D 1/2" / 20)
2	GAS PIPE CONNECTION	φ 8B FLARE CONNECTION
1	LIQUID PIPE CONNECTION	φ 6A FLARE CONNECTION

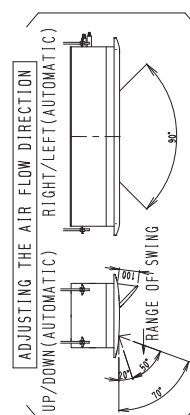
3D085026A

FXEQ63AVE

Unit: mm



MODEL	AA	BB
FX603AVE	9.5	15.9



9	AIR-INLET	
8	BRAIN HOSE (ACCESSORY)	10 Ø 75 (OUTLET)
7	FLUXURE	
6	AIR-OUTLET	
5	CONNECTION WIRING / REMOTE CONTROL WIRING CONNECTION	
4	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION	
3	BRAIN PIPE CONNECTION	VP25 (ID Ø 76 / ID Ø 72)
2	GAS PIPE CONNECTION	Ø BB (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	Ø AA (FLARE CONNECTION)
ITEM	PART NAME	DEMAND

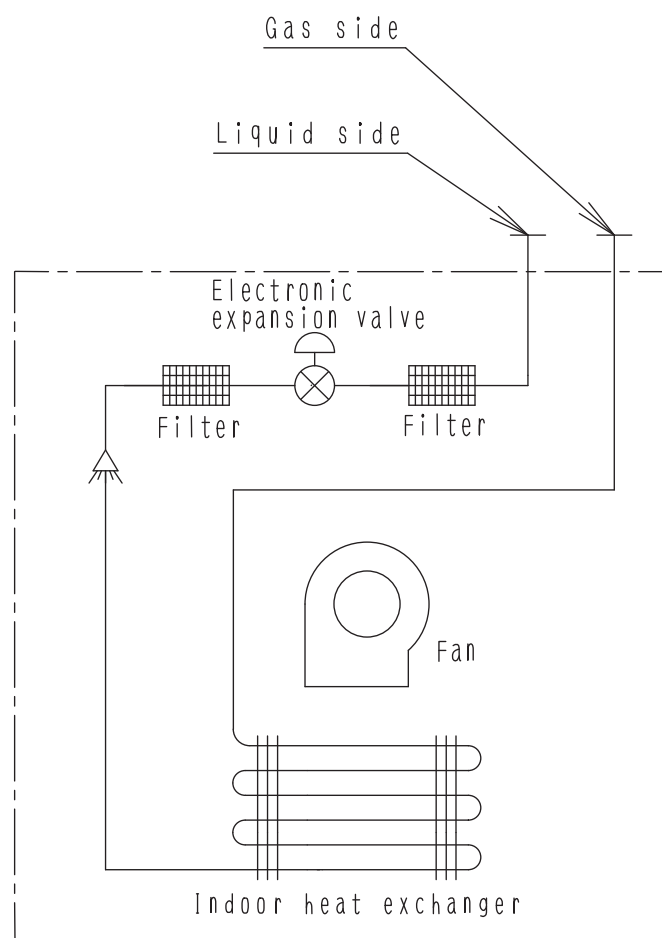
Note:

1. Location of unit's Name Plate
 - Unit body : on the control box cover.
 - Decoration panel : on the panel frame at the middle of the inlet.
2. When installing an optional accessory, refer to the installation drawings.
3. When it may exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation (thickness 10mm or more of glasswool or polyethylene foam) is required.
4. Water sure the spacing between the ceiling and the cassette is no more than 35mm.
MAX ceiling opening: 310×510.

3D085027A

4. Piping Diagrams

FXEQ20AVE / FXEQ25AVE / FXEQ32AVE / FXEQ40AVE / FXEQ50AVE / FXEQ63AVE



C: 4D079708C

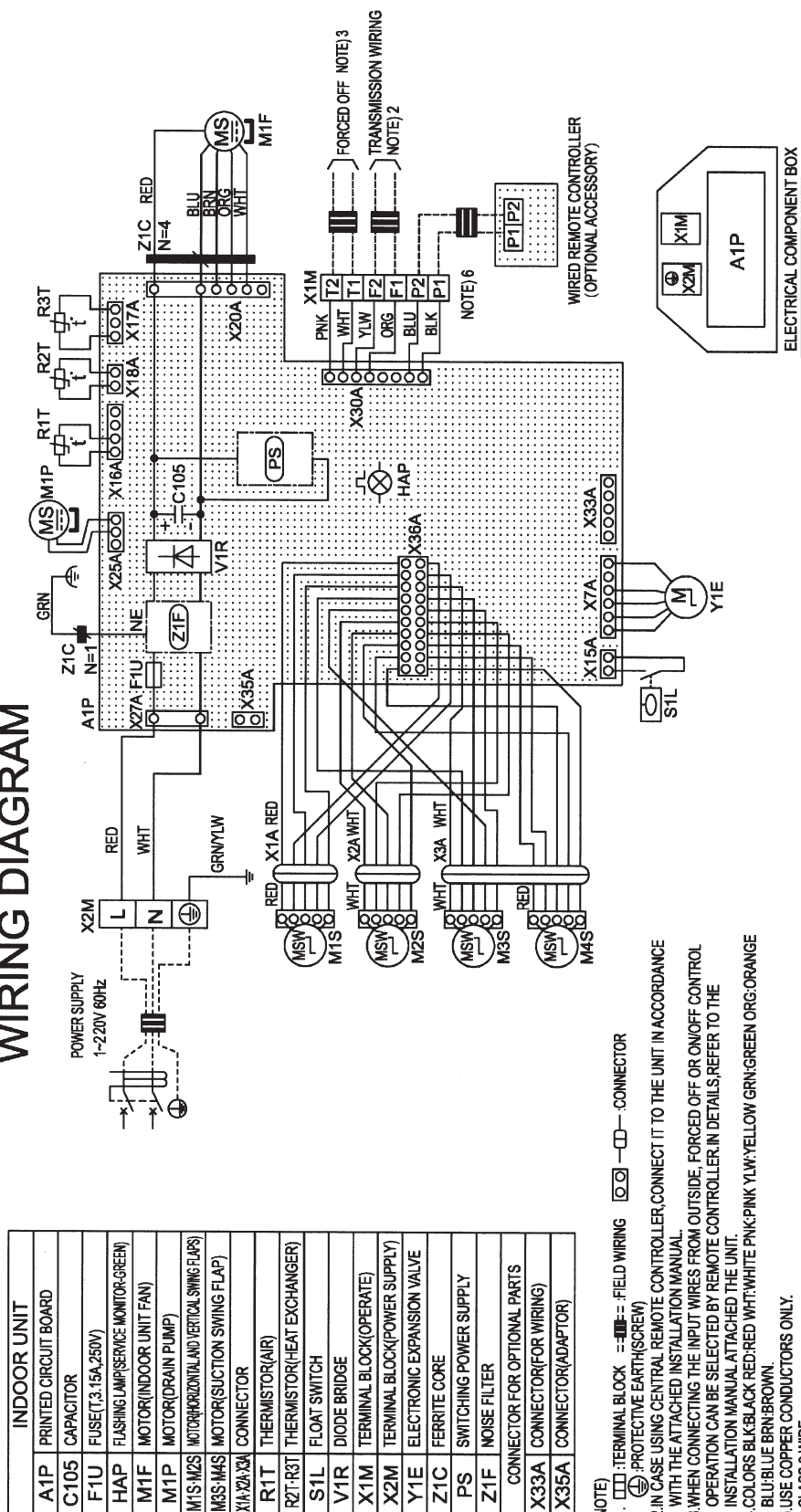
■ Refrigerant pipe connection port diameters

Model	Unit: mm	
	Gas	Liquid
FXEQ20AVE / FXEQ25AVE / FXEQ32AVE / FXEQ40AVE / FXEQ50AVE	φ12.7	φ6.4
FXEQ63AVE	φ15.9	φ9.5

5. Wiring Diagrams

FXEQ20AVE / FXEQ25AVE / FXEQ32AVE / FXEQ40AVE / FXEQ50AVE / FXEQ63AVE

WIRING DIAGRAM



3D084442C

6. Electric Characteristics

FXEQ20AVE / FXEQ25AVE / FXEQ32AVE / FXEQ40AVE / FXEQ50AVE / FXEQ63AVE

Model	Power supply					IFM		Input(W)	
	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXEQ20AVE	60	220V	Max. 242V Min. 198V	0.3	16	0.087	0.2	26	22
FXEQ25AVE				0.4	16	0.087	0.3	27	23
FXEQ32AVE				0.4	16	0.087	0.3	34	30
FXEQ40AVE				0.5	16	0.087	0.4	46	42
FXEQ50AVE				0.5	16	0.117	0.4	48	44
FXEQ63AVE				0.7	16	0.117	0.5	67	63

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.

7. Safety Devices Setting

Model		FXEQ20AVE	FXEQ25AVE	FXEQ32AVE	FXEQ40AVE	FXEQ50AVE	FXEQ63AVE
PCB (A1P) 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 protector	°C	OFF: 106±5°C OFF ON: 96±15°C ON	OFF: 106±5°C OFF ON: 96±15°C ON	OFF: 106±5°C OFF ON: 96±15°C ON	OFF: 106±5°C OFF ON: 96±15°C ON	OFF: 106±5°C OFF ON: 96±15°C ON	OFF: 106±5°C OFF ON: 96±15°C ON

C: 4D085034A

8. Capacity Tables

8.1 Cooling Capacity for Te: Auto

Type of unit	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
FXEQ20AVE	20	1.9	1.7	2.1	1.8	2.2	1.8	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
FXEQ25AVE	25	2.5	2.1	2.6	2.2	2.8	2.3	2.8	2.1	2.8	2.1	2.9	2.0	3.0	1.9
FXEQ32AVE	32	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.5	3.6	2.6	3.7	2.5	3.8	2.4
FXEQ40AVE	40	4.0	3.2	4.2	3.4	4.4	3.4	4.5	3.2	4.6	3.1	4.7	3.1	4.8	2.9
FXEQ50AVE	50	4.9	4.1	5.3	4.2	5.5	4.3	5.6	4.0	5.7	4.0	5.8	3.8	5.9	3.7
FXEQ63AVE	63	6.3	5.0	6.7	5.3	7.0	5.4	7.1	5.0	7.2	4.9	7.3	4.8	7.5	4.6

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 conditions.

8.2 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
FXEQ20AVE	20	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.3	1.5
FXEQ25AVE	25	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	2.8	2.1	2.9	2.0	3.0	1.9
FXEQ32AVE	32	2.4	2.0	2.9	2.3	3.4	2.6	3.6	2.5	3.6	2.6	3.7	2.5	3.8	2.4
FXEQ40AVE	40	3.0	2.4	3.6	2.8	4.2	3.1	4.5	3.2	4.5	3.1	4.7	3.1	4.8	2.9
FXEQ50AVE	50	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.7	4.0	5.8	3.8	5.9	3.7
FXEQ63AVE	63	4.8	3.8	5.7	4.4	6.6	4.9	7.1	5.0	7.2	4.9	7.4	4.8	7.5	4.6

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 conditions.

8.3 Heating Capacity

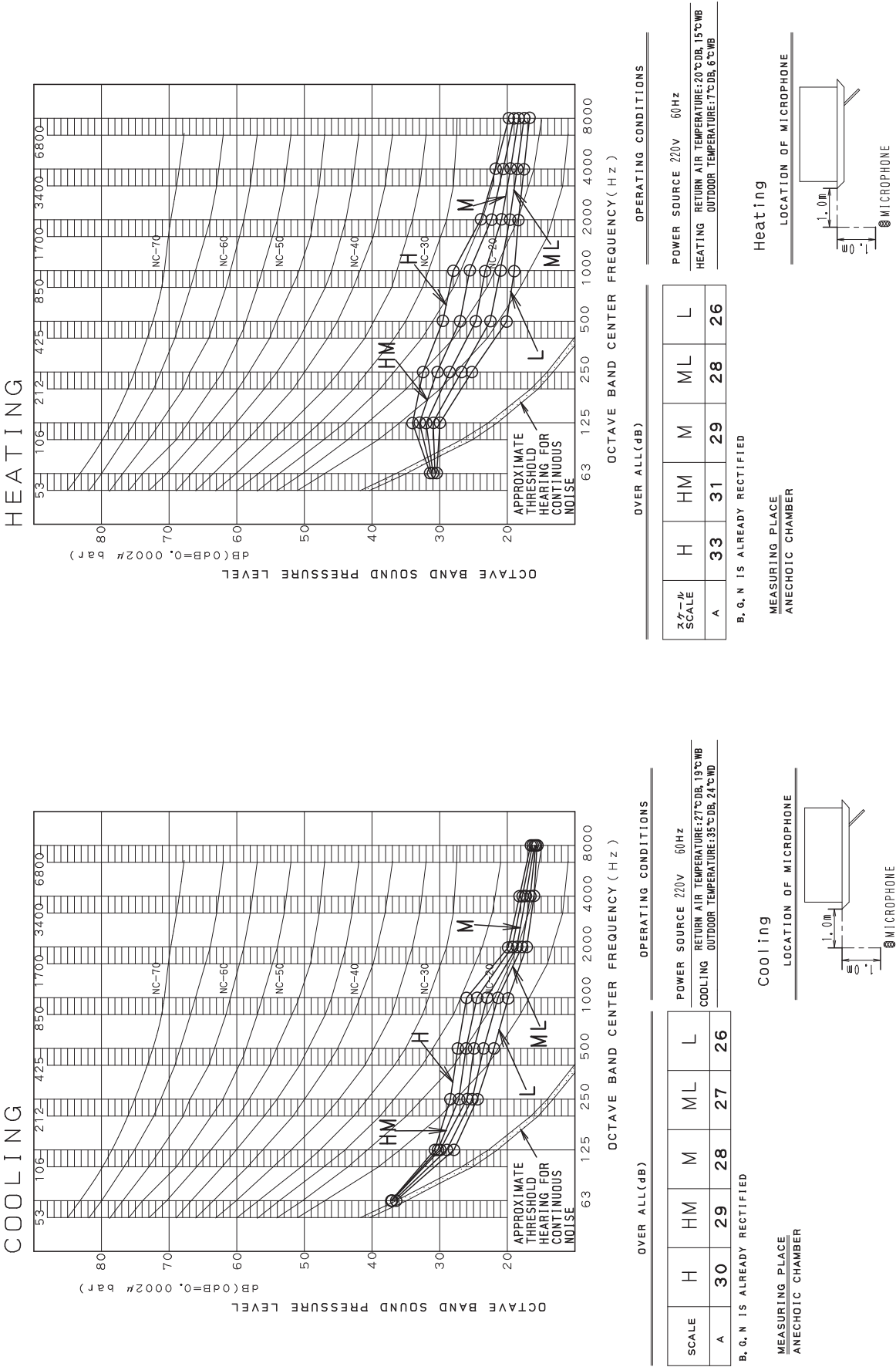
Model	Capacity indication	Indoor air temp.					
		16°CDB	18°CDB	20°CDB	21°CDB	22°CDB	24°CDB
		kW	kW	kW	kW	kW	kW
FXEQ20AVE	20	2.6	2.6	2.5	2.4	2.3	2.2
FXEQ25AVE	25	3.4	3.4	3.2	3.1	3.0	2.8
FXEQ32AVE	32	4.2	4.2	4.0	3.9	3.7	3.5
FXEQ40AVE	40	5.2	5.2	5.0	4.8	4.7	4.4
FXEQ50AVE	50	6.6	6.6	6.3	6.1	5.9	5.5
FXEQ63AVE	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 conditions.

9. Sound Levels

FXEQ20AVE

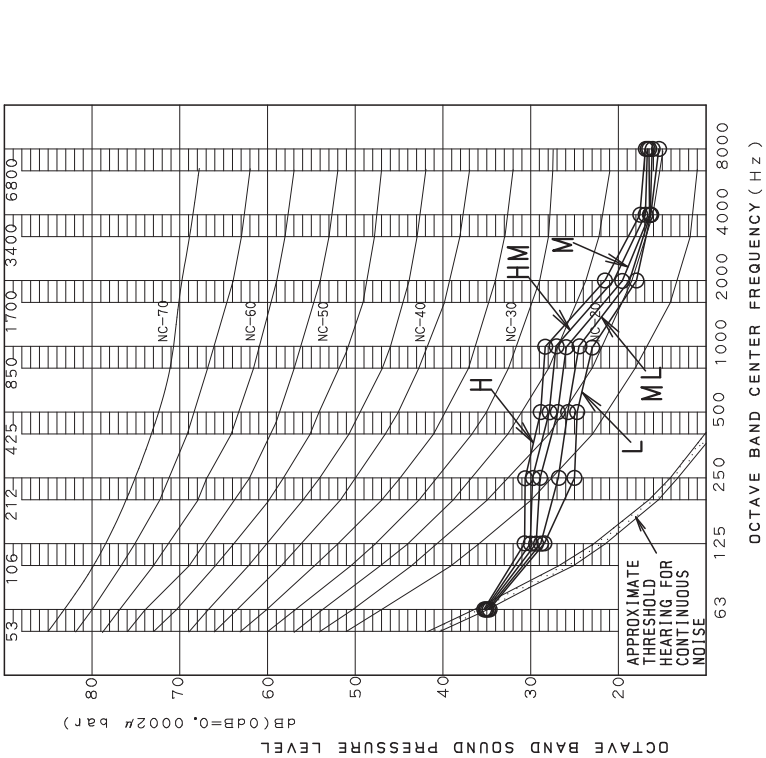


NOTE)1. Operation noise differs with operation and ambient conditions.

3D085028

FXEQ25AVE

COOLING

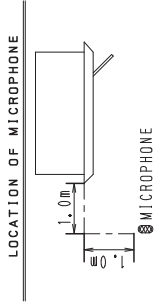


OVER ALL(dB)					OPERATING CONDITIONS				
SCALE	H	HM	M	ML	L	POWER SOURCE 220V 60Hz			
A	32	31	30	29	28	RETURN AIR TEMPERATURE:27℃DB, 19℃WB			
						COOLING OUTDOOR TEMPERATURE:35℃DB, 24℃WB			

B, Q, N IS ALREADY RECTIFIED

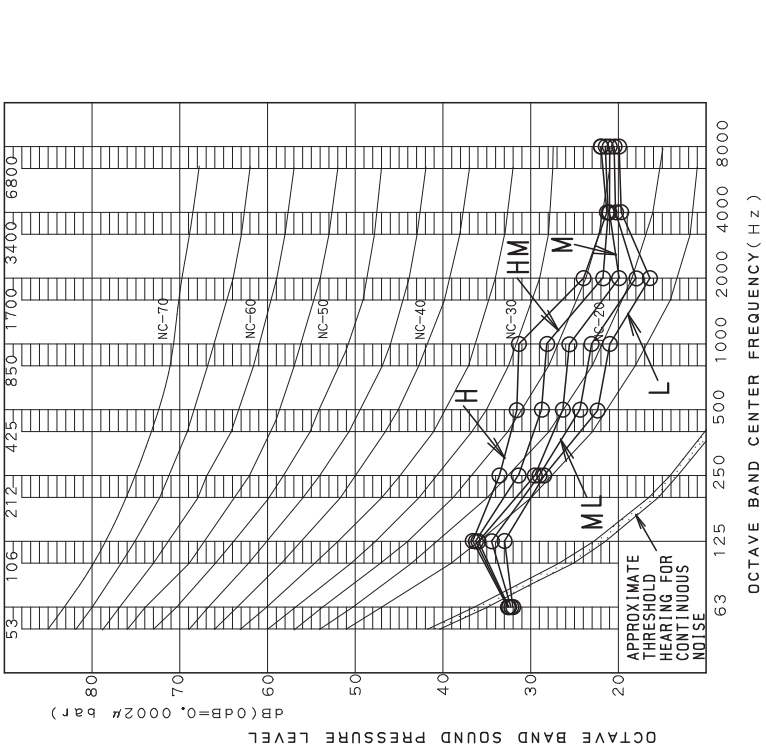
MEASURING PLACE
ANECHOIC CHAMBER

Cooling



NOTE)1.Operation noise differs with operation and ambient conditions.

HEATING

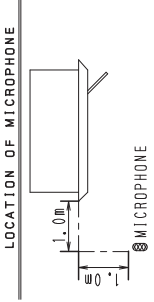


OVER ALL(dB)					OPERATING CONDITIONS				
SCALE	H	HM	M	ML	L	POWER SOURCE 220V 60Hz			
A	35	33	31	30	28	RETURN AIR TEMPERATURE:20℃DB, 15℃WB			
						HEATING OUTDOOR TEMPERATURE:7℃DB, 6℃WB			

B, Q, N IS ALREADY RECTIFIED

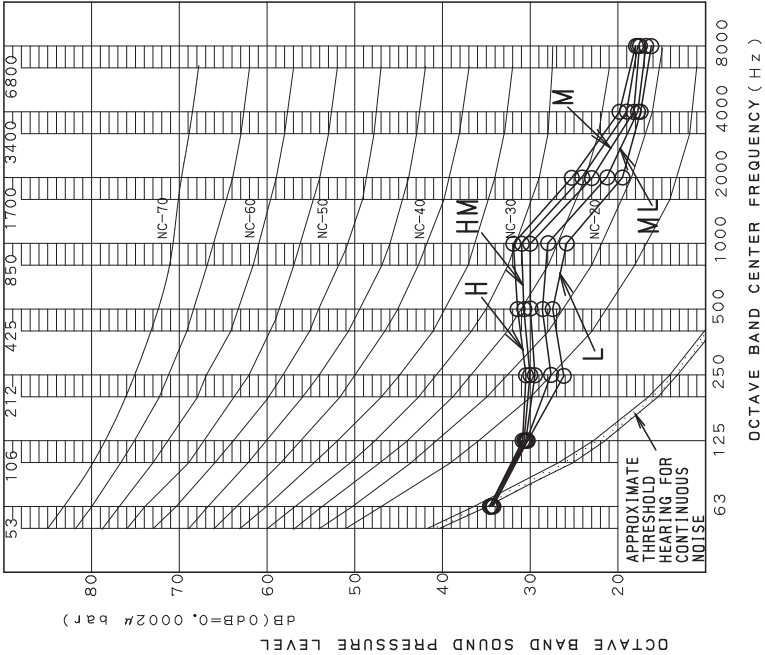
MEASURING PLACE
ANECHOIC CHAMBER

Heating



FXEQ32AVE

COOLING



OVER ALL (dB)

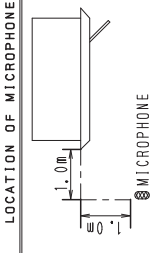
SCALE	H	HM	M	ML	L
A	35	34	33	32	30

B, G, N IS ALREADY RECTIFIED

MEASURING PLACE
ANECHOIC CHAMBER

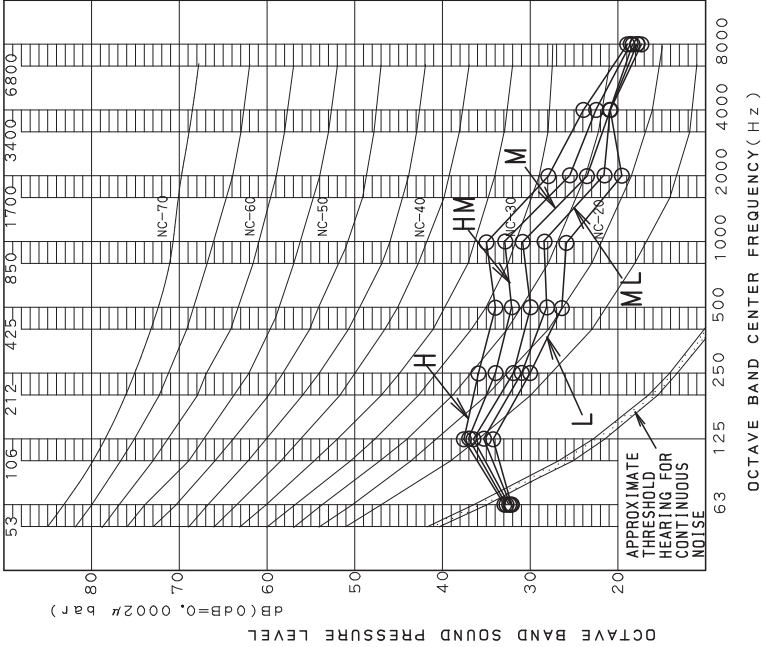
POWER SOURCE	220V	60Hz
RETURN AIR TEMPERATURE	27℃DB, 19℃WB	
COOLING	OUTDOOR TEMPERATURE: 35℃DB, 24℃WB	

Cooling



NOTE)), Operation noise differs with operation and ambient conditions.

HEATING



OVER ALL (dB)

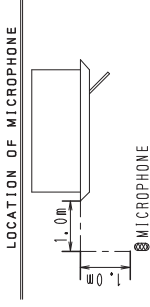
スケール SCALE	H	HM	M	ML	L
A	38	36	34	33	31

B, G, N IS ALREADY RECTIFIED

MEASURING PLACE
ANECHOIC CHAMBER

POWER SOURCE	220V	60Hz
RETURN AIR TEMPERATURE	20℃DB, 15℃WB	
HEATING	OUTDOOR TEMPERATURE: 7℃DB, 6℃WB	

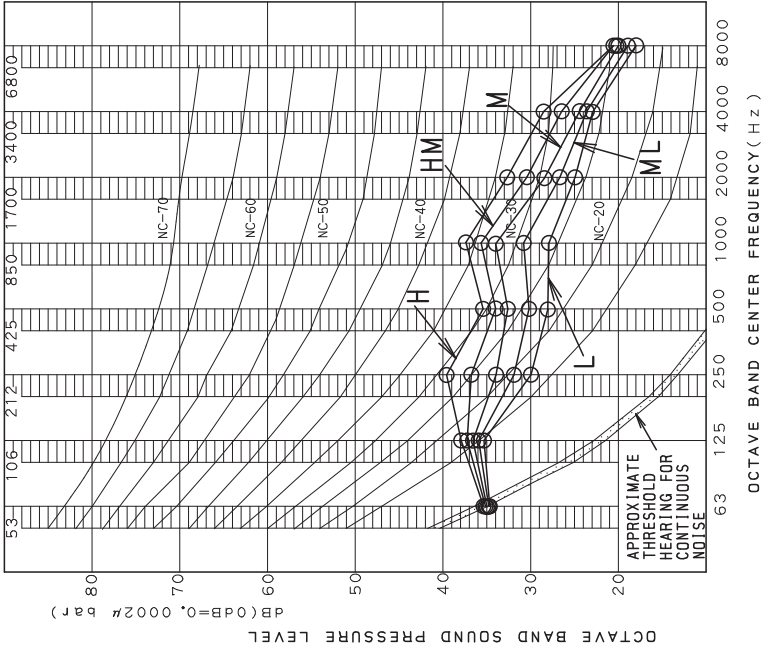
Heating



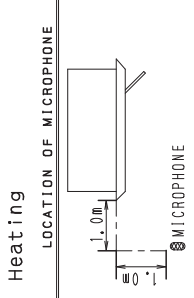
3D085030

FXEQ40AVE

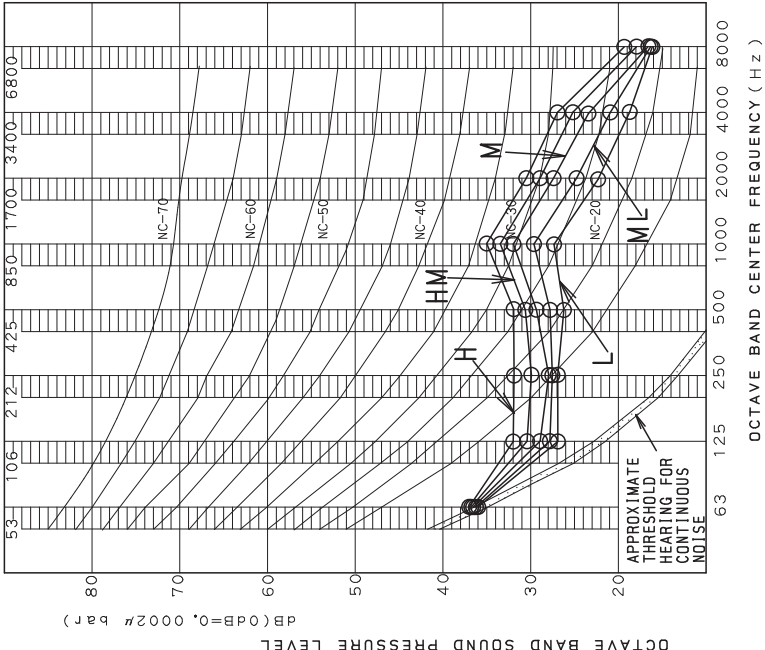
HEATING



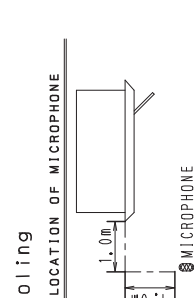
OVER ALL(dB)					OPERATING CONDITIONS				
スケール SCALE	H	HM	M	ML	L	POWER SOURCE	220V	60Hz	
A	41	39	37	35	33	HEATING	RETURN AIR TEMPERATURE:20℃DB, 15℃WB		
						OUTDOOR TEMPERATURE:7℃DB, 6℃WB			



COOLING



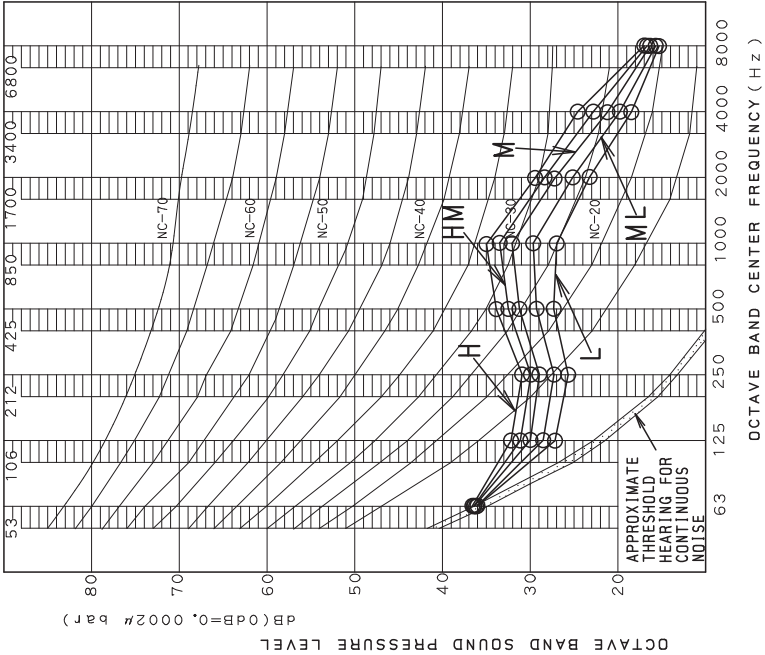
OVER ALL(dB)					OPERATING CONDITIONS				
スケール SCALE	H	HM	M	ML	L	POWER SOURCE	220V	60Hz	
A	38	37	35	33	31	COOLING	RETURN AIR TEMPERATURE:27℃DB, 19℃WB		
						OUTDOOR TEMPERATURE:35℃DB, 24℃WB			



NOTE)1.Operation noise differs with operation and ambient conditions.

FXEQ50AVE

COOLING

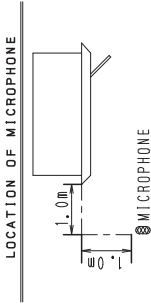


SCALE	H	HM	M	ML	L
A	38	37	35	33	31

B, G, N IS ALREADY RECTIFIED

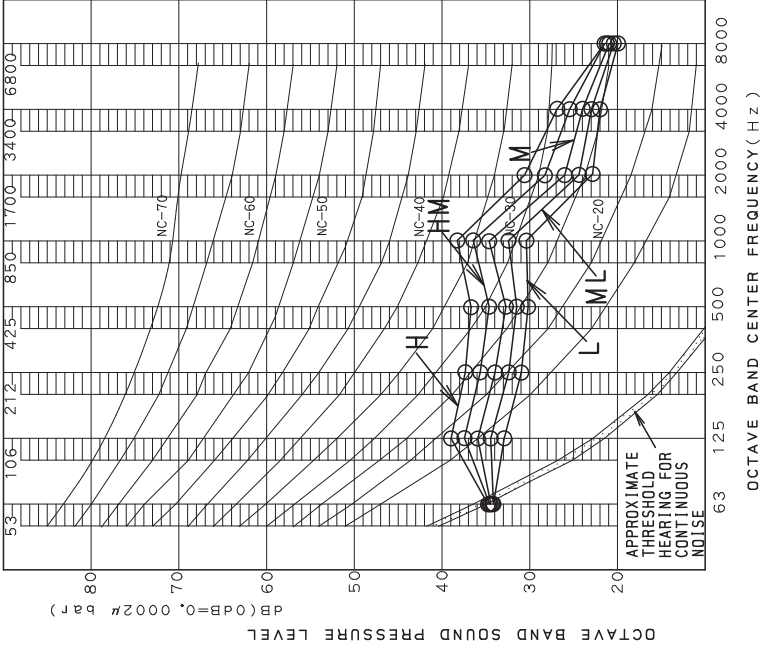
MEASURING PLACE
ANECHOIC CHAMBER

Cooling



NOTE)1. Operation noise differs with operation and ambient conditions.

HEATING

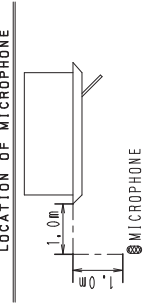


スケール SCALE	H	HM	M	ML	L
A	41	39	37	36	34

B, G, N IS ALREADY RECTIFIED

MEASURING PLACE
ANECHOIC CHAMBER

Heating

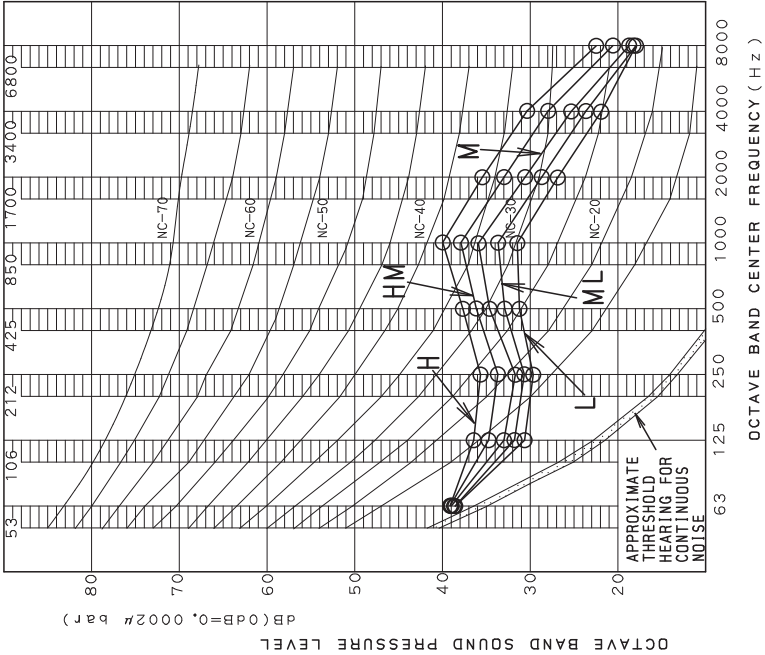


POWER SOURCE 220V 60Hz					
HEATING RETURN AIR TEMPERATURE: 20℃DB, 15℃WB					
OUTDOOR TEMPERATURE: 7℃DB, 6℃WB					

3D085032

FXEQ63AVE

COOLING



OCTAVE BAND CENTER FREQUENCY (Hz)

OVER ALL(dB)

OPERATING CONDITIONS

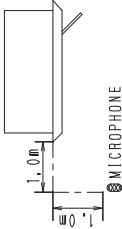
SCALE	H	HM	M	ML	L
A	43	41	39	37	35

B, G, N IS ALREADY RECTIFIED

MEASURING PLACE
ANECHOIC CHAMBER

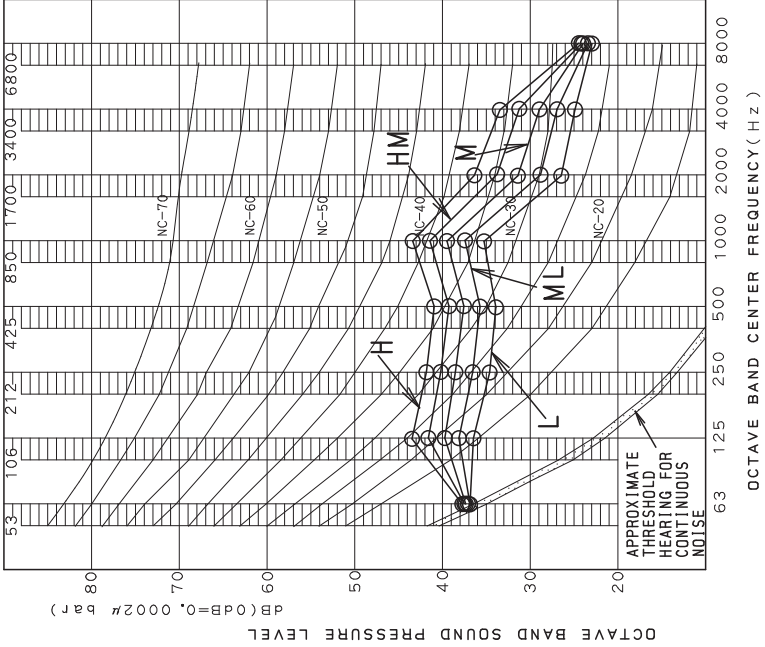
Cooling

LOCATION OF MICROPHONE



NOTE)1. Operation noise differs with operation and ambient conditions.

HEATING



OCTAVE BAND CENTER FREQUENCY (Hz)

OVER ALL(dB)

OPERATING CONDITIONS

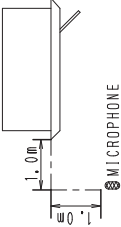
SCALE	H	HM	M	ML	L
A	46	44	42	40	38

B, G, N IS ALREADY RECTIFIED

MEASURING PLACE
ANECHOIC CHAMBER

Heating

LOCATION OF MICROPHONE

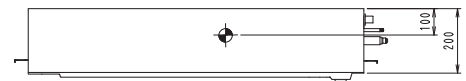
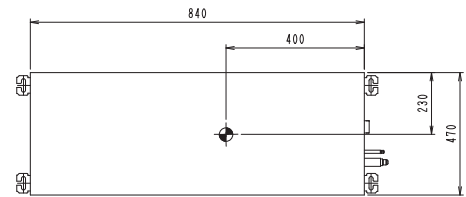


3D085033

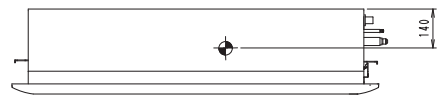
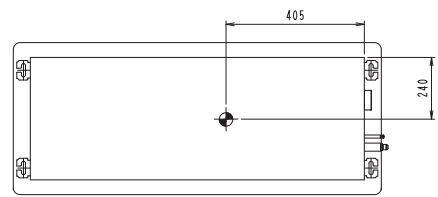
10.Centre of Gravity

FXEQ20AVE / FXEQ25AVE / FXEQ32AVE

Unit: mm



Indoor unit

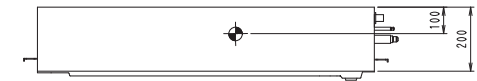
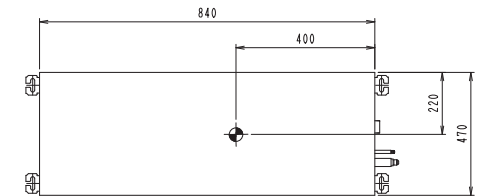


Indoor unit
With BYEP4QAW1

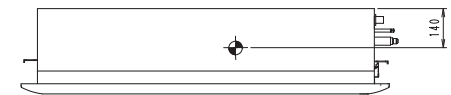
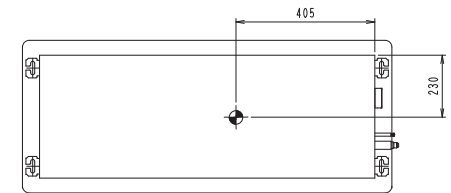
4D085038B

FXEQ40AVE

Unit: mm



Indoor unit

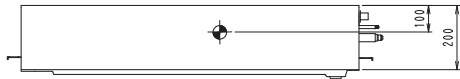
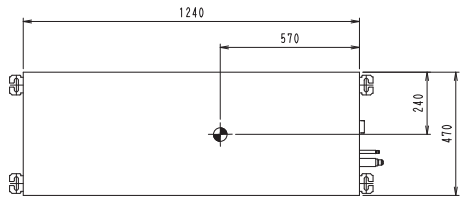


Indoor unit
With BYEP4QAW1

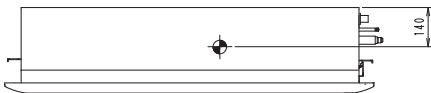
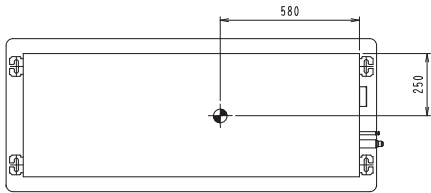
4D085039B

FXEQ50AVE / FXEQ63AVE

Unit: mm



Indoor unit



Indoor unit
With BYEP63AW1

4D085040B