

2. Specifications

Ceiling Mounted Duct Type

Model		FXMQ40MVE	FXMQ50MVE	FXMQ63MVE	FXMQ80MVE	
★1 Cooling Capacity (19.5°CWB)	kcal/h	4,000	5,000	6,300	8,000	
	Btu/h	15,900	19,900	25,000	31,800	
	kW	4.7	5.8	7.3	9.3	
★2 Cooling Capacity (19.0°CWB)	kW	4.5	5.6	7.1	9.0	
★3 Heating Capacity	kcal/h	4,300	5,400	6,900	8,600	
	Btu/h	17,000	21,500	27,300	34,100	
	kW	5.0	6.3	8.0	10.0	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions: (H×W×D)		mm	390×720×690	390×720×690	390×720×690	
Coil (Cross Fin Coil)	Rows×Stages×Fin Pitch	mm	3×16×2.0	3×16×2.0	3×16×2.0	
	Face Area	m ²	0.181	0.181	0.181	
Fan	Model		D11/2D3AB1VE	D11/2D3AB1VE	D11/2D3AB1VE	D11/2D3AA1VE
	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output × Number of Units	W	100×1	100×1	100×1	160×1
	Air Flow Rate (H/L)	m ³ /min	14/11.5	14/11.5	14/11.5	19.5/16
		cfm	494/406	494/406	494/406	688/565
	External Static Pressure	Pa	157/157-118/108 ★4	157/157-118/108 ★4	157/157-118/108 ★4	157/160-108/98 ★4
Drive		Direct Drive	Direct Drive	Direct Drive	Direct Drive	
Temperature Control		Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating	
Sound Absorbing Thermal Insulation Material		Glass Fiber	Glass Fiber	Glass Fiber	Glass Fiber	
Air Filter		★5	★5	★5	★5	
Piping Connections	Liquid Pipes	mm	φ6.4 (Flare Connection)	φ6.4 (Flare Connection)	φ9.5 (Flare Connection)	φ9.5 (Flare Connection)
	Gas Pipes	mm	φ12.7 (Flare Connection)	φ12.7 (Flare Connection)	φ15.9 (Flare Connection)	φ15.9 (Flare Connection)
	Drain Pipe	mm	VP25 (External Dia. 32) (Internal Dia. 25)	VP25 (External Dia. 32) (Internal Dia. 25)	VP25 (External Dia. 32) (Internal Dia. 25)	VP25 (External Dia. 32) (Internal Dia. 25)
Machine Weight	kg	44	44	44	45	
★7 Sound Level (H/L)	dBA	39/35	39/35	39/35	42/38	
Safety Devices		Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor	Fuse, Thermal Fuse for Fan Motor	
Refrigerant Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
Connectable outdoor unit		R410A M Series	R410A M Series	R410A M Series	R410A M Series	
Standard Accessories		Operation Manual, Installation Manual, Drain Hose, Clamp Metal, Insulation for Fitting, Sealing Pads, Clamps, Screws.	Operation Manual, Installation Manual, Drain Hose, Clamp Metal, Insulation for Fitting, Sealing Pads, Clamps, Screws.	Operation Manual, Installation Manual, Drain Hose, Clamp Metal, Insulation for Fitting, Sealing Pads, Clamps, Screws.	Operation Manual, Installation Manual, Drain Hose, Clamp Metal, Insulation for Fitting, Sealing Pads, Clamps, Screws.	
Drawing No.		3D038814				

Notes:

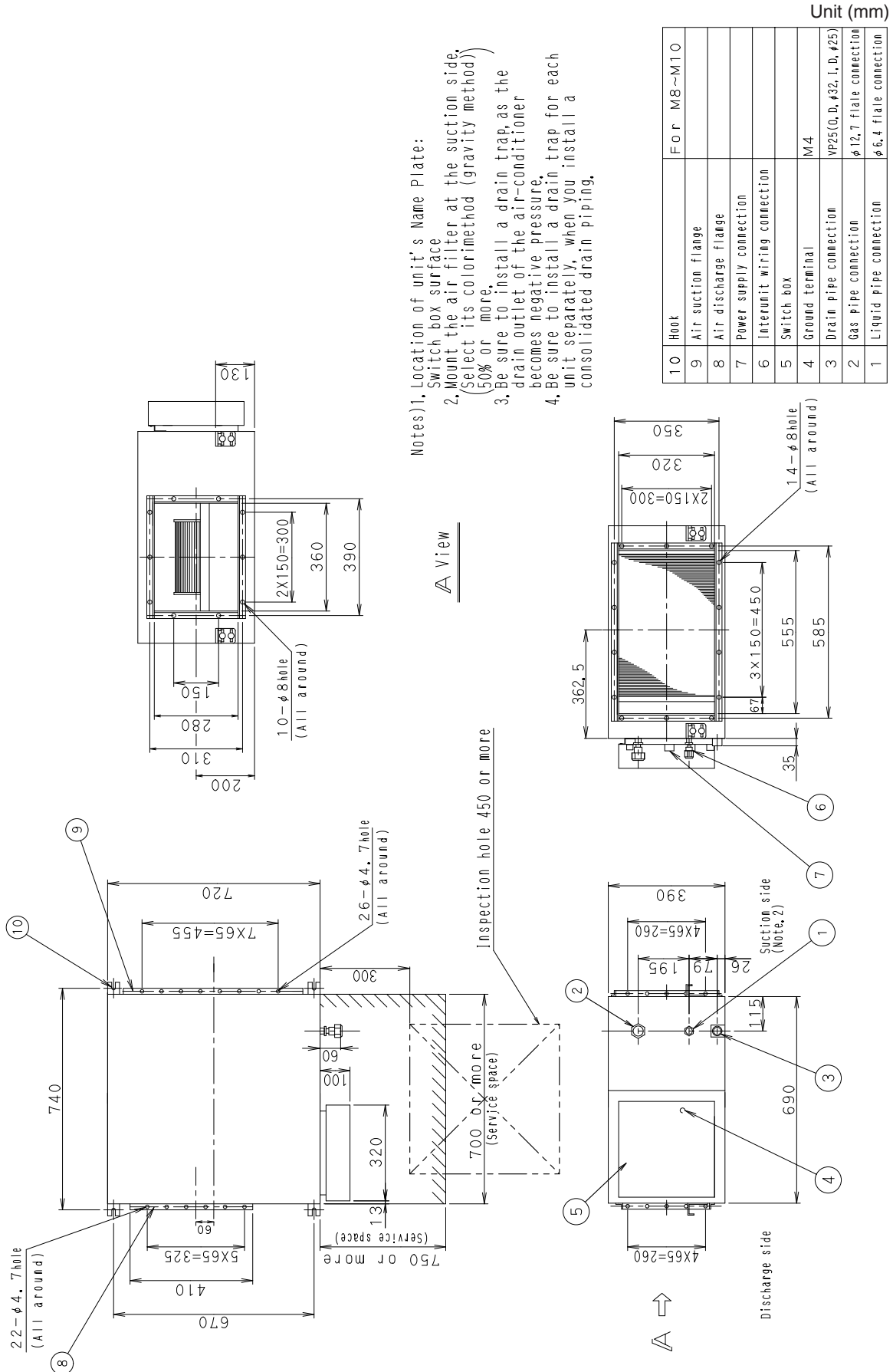
- ★1 Indoor temp. : 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2 Indoor temp. : 27°CDB, 19.0°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3 Indoor temp. : 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length; 7.5m, level difference; 0m. (Heat pump only)
- ★4 Static external pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".
- ★5 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its colorimetric method (gravity method) 50% or more.
- 6 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★7 Anechoic chamber conversion value, measured at a point 1.5m downward from the unit center. These values are normally somewhat higher during actual operation as a result of ambient conditions.
- 8 Refer to page 252 for Fan Motor Input.

Conversion Formulae

$$\begin{aligned} \text{kcal/h} &= \text{kW} \times 860 \\ \text{Btu/h} &= \text{kW} \times 3414 \\ \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \end{aligned}$$

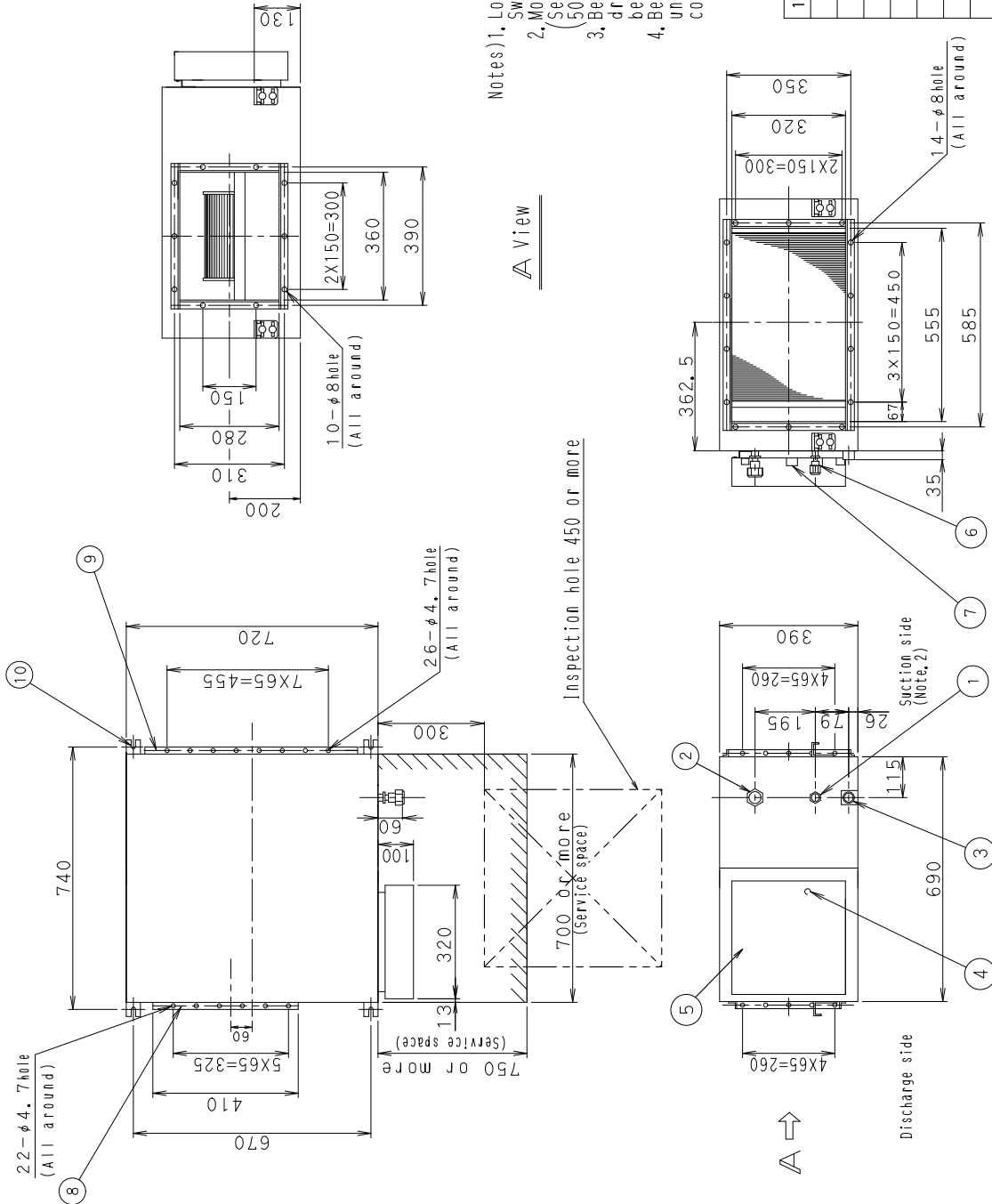
3. Dimensions

FXMQ40M
FXMQ50M



3D038848

FXMQ63M
FXMQ80M



- Notes) 1. Location of unit's Name Plate:
 2. Switch box surface
 3. Mount the air filter at the suction side.
 4. Select its color method (gravity method).
 5. (50% or more).
 6. Be sure to install a drain trap, as the drain outlet of the air-conditioner becomes negative pressure.
 7. Be sure to install a drain trap for each unit separately, when you install a consolidated drain piping,

No.	Item	Specification
10	Hook	For M8-M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Switch box	
4	Ground terminal	M4
3	Drain pipe connection	VP25(O.D. φ32, I.D. φ25)
2	Gas Pipe connection	φ15.9 flange connection
1	Liquid pipe connection	φ9.5 flange connection

Unit (mm)

3D038849