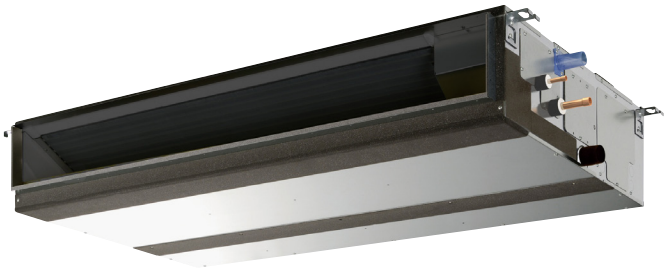
CITY MULTI® Model: PEFY-P08NMAU-E

MITSUBISHI ELECTRIC

Job Name: Location:

Drawing Reference: Schedule No.

System No.: Date:



GENERAL FEATURES

- R410A refrigerant
- 9-7/8" (250mm) high for low ceiling heights
- Eleven sizes from 6,000 to 54,000 Btu/h
- Ducted fan coil supporting multiple configurations for flexible installation
- Five static pressure settings from 0.14"WG up to 0.60"WG
- Choice of fan speed settings
- Built-in condensate lift; lifts to 27-9/16" (700mm)
- Auto fan mode
- Quiet operation from 26 to 45 dB(A)

SPECIFICATIONS

Capacity*
Cooling……8,000 Btu/h
Heating……9,000 Btu/h

Power
Power Source……208 / 230V, 1-phase, 60Hz

Power Consumption
Cooling……0.06 kW
Heating……0.04 kW

Current
Cooling……0.56 A
Heating……0.45 A

Minimum Circuit Ampacity (MCA) at 0.60"WG……1.05 A
Maximum Overcurrent Protection (MOCP) Fuse……15 A

External Finish……Galvanized-steel Sheet

External Dimensions
Inches……9-7/8 H x 27-9/16 W x 28-7/8 D
mm……250 H x 700 W x 732 D

Net Weight
Unit……51 lbs. / 23 kg

Coil Type……Cross Fin
(Aluminum Plate Fin and Copper Tube)

Fan
Type x Quantity……Sirocco Fan x 1
Airflow Rate (Low-Mid-High)……212 - 265 - 300 CFM
External Static Pressure…..0.14 - 0.20 - 0.28 - 0.40 - 0.60"WG
(External static pressure is factory set to 0.20"WG)

Motor
Type……DC Brushless Motor
Output……0.085 kW

Air Filter……Polypropylene Honeycomb

Refrigerant Piping Dimensions
Liquid (High Pressure)……1/4" / 6.35 mm (Brazed)
Gas (Low Pressure)……1/2" / 12.7 mm (Brazed)

Drainpipe Dimension……O.D. 1-1/4" / 32 mm

Sound Pressure Levels
Low-Mid-High……26 - 28 - 29 dB(A)

OPTIONS

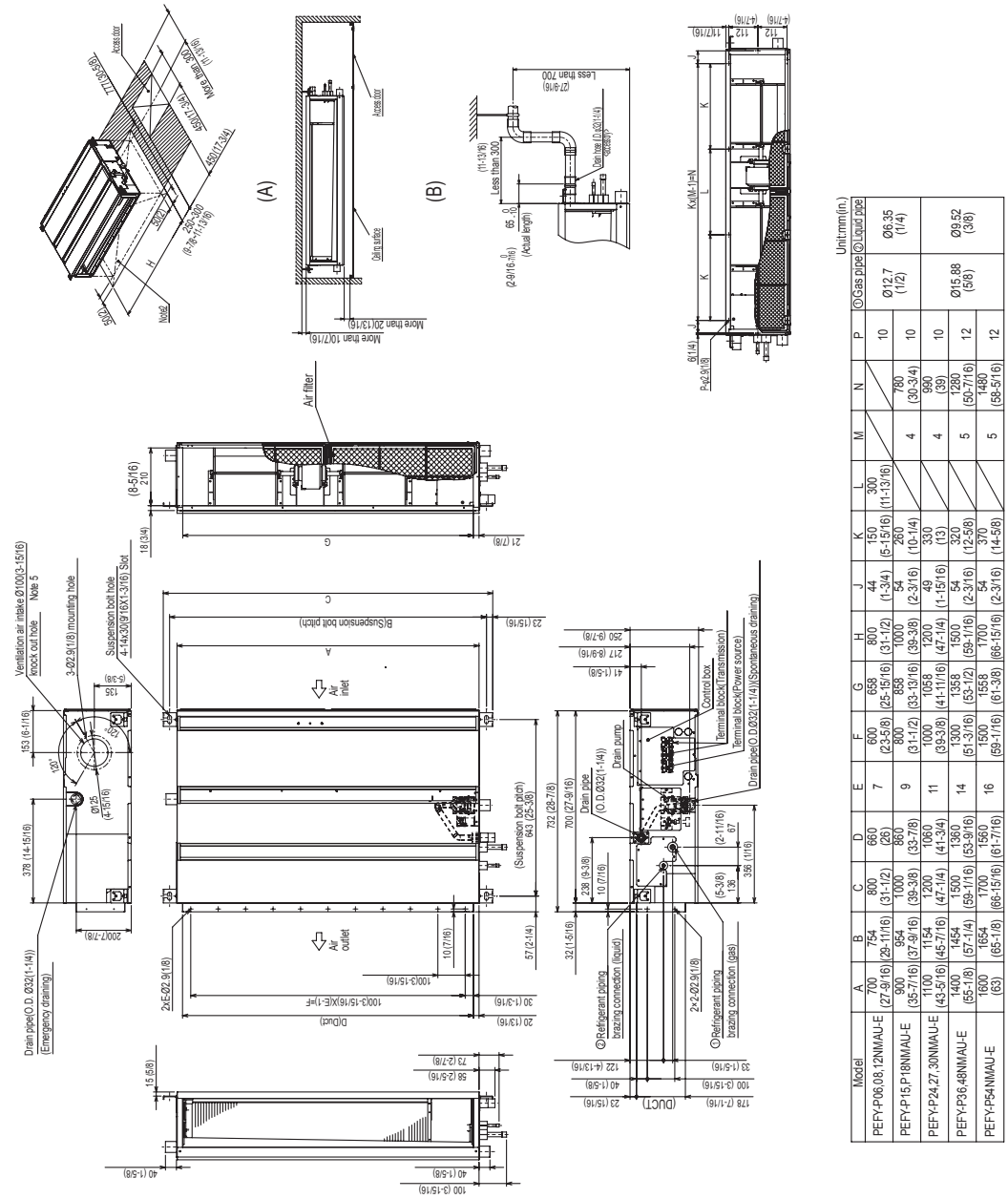
- ☐ External Heater Adapter……CN24RELAY-KIT-CM3
- ☐ Filter Box (Includes 2" MERV 13 filter)……FBM2-1

* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Cooling: Indoor 80°F (27°C) DB / 67°F (19°C) WB, Outdoor 95°F (35°C) DB
Heating: Indoor 70°F (21°C) DB, Outdoor 47°F (8°C) DB / 43°F (6°C) WB

Note: Ventilation air: Providing sufficient ventilation air is an important part of every building design. ASHRAE Standard 62 provides the minimum ventilation air requirement. Also, check local codes.

R410A

Model: PEFY-P08NMAU-E – DIMENSIONS



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	ⓖGas pipe	ⓛLiquid pipe
PEFY-P06,08,12NMAU-E	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)	800 (31-1/2)	44 (1-3/4)	150 (5-15/16)	300 (11-13/16)			10	Ø12.7 (1/2)	Ø6.35 (1/4)
PEFY-P15,P18NMAU-E	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)	1000 (39-3/8)	54 (2-3/16)	260 (10-1/4)		4	780 (30-3/4)	10		
PEFY-P24,27,30NMAU-E	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)	1200 (47-1/4)	49 (1-15/16)	330 (13)		4	990 (39)	10	Ø15.88 (5/8)	Ø9.52 (3/8)
PEFY-P36,48NMAU-E	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)	1500 (59-1/16)	54 (2-3/16)	320 (12-5/8)		5	1280 (50-7/16)	12		
PEFY-P54NMAU-E	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)	1700 (66-15/16)	54 (2-3/16)	370 (14-5/8)		5	1480 (58-5/16)	12		

Unit:mm(in.)

(A) Space required for service and maintenance.

(B) Provide an access door for maintenance at the bottom.

Note
1. Use M10 suspension bolts. (not supplied)
2. Provide an access door for maintenance at the bottom.
3. The dimensions in the table are those of the PEFY-P24, 27, 30, 36, 48, 54NMAU-E models, which have 2 fans. The PEFY-P06, 08, 12, 15, 18NMAU-E model have 1 fan.
4. To connect an intake duct, uninstall the air filter on the unit, and install a field supplied air filter on the intake duct on the intake side.
5. If using a ventilation air connection, air temperature must be at neutral conditions.

HVAC Advanced Products Division
Mitsubishi Electric & Electronics USA, Inc.
3400 Lawrenceville Suwanee Rd.
Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
Toll Free: 800-433-4822 (#4)
www.mehvac.com

Specifications are subject to change without notice.