CITYMULTI®

# PEFY-P24NMAU-E4
## 24,000 BTU/H MEDIUM STATIC DUCTED

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

Job Name:

System Reference: Date:

GENERAL FEATURES

- Dual set point functionality
- Multiple fan speed settings
- Auto fan mode
- 9-7/8” (250mm) high for low ceiling heights
- Built-in condensate lift; lifts to 27-9/16” (700 mm)
- Ducted fan coil supporting multiple configurations for flexible installation

| Specifications | | | System |
|---|---|---|---|
| Unit Type | | | PEFY-P24NMAU-E4 |
| Cooling capacity (Nominal)[1] | | BTU/H | 24,000 |
| Heating capacity (Nominal)[1] | | BTU/H | 27,000 |
| Power source | | Voltage, Phase, Hertz | 208/230V, 1-phase, 60 Hz |
| Power Consumption | Cooling | kW | 0.142 |
| | Heating | kW | 0.14 |
| Current | Cooling | A | 1.24/1.12 |
| | Heating | A | 1.24/1.12 |
| MCA | | A | 2.88 |
| Maximum Overcurrent Protection (MOCP) | | A | 15 |
| External finish | | | Galvanized steel sheet |
| External Dimensions | | In. [mm] | 43-5/16 x 28-7/8 x 9-7/8 [1,100 x 732 x 250] |
| Net weight | | Lbs [kg] | 67 [30] |
| Heat exchanger | | | Cross fin (Aluminum fin and copper tube) |
| Fan | Type x quantity | | Sirocco fan x 2 |
| | External Static pressure | in.WG | 0.14, 0.2, 0.28, 0.4, 0.6<br>factory set to 0.2 In. WG |
| | Airflow rate | CFM | 618–742–883 |
| | Motor type | | DC Motor |
| | Motor Output | kW | 0.121 |
| | Motor FLA | A | 2.3 |
| Sound pressure level (Measured in anechoic room) | | dB(A) | 31–35–39 |
| Air filter | | | PP Honeycomb fabric |
| Refrigerant | Type | | R410A |
| Diameter of refrigerant pipe (O.D.) | Liquid (High Pressure) | In. [mm] | 3/8 [9.52] Brazed |
| | Gas (Low Pressure) | In. [mm] | 5/8 [15.88] Brazed |
| Diameter of drain pipe | | In. [mm] | O.D. 1-1/4 [32] |

NOTES:
[1]Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19.4° C) WB; Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21.1° C) DB; Outdoor 47° F (8.3° C) DB / 43° F (6.1° C) WB


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# INDOOR UNIT ACCESSORIES: PEFY-P24NMAU-E4

| | | |
|---|---|---|
| Control Interface | 3-Pin Connector | ☐ PAC-715AD |
| | BACnet® and Modbus® Interface | ☐ PAC-UKPRC001-CN-1 |
| | CN24 Relay Kit | ☐ CN24RELAY-KIT-CM3 |
| | Connector and wire for Operation status/error using CN51 | ☐ PAC-725AD |
| | IT Extender | ☐ PAC-WHS01IE-E |
| | kumo station® for kumo cloud® | ☐ PAC-WHS01HC-E |
| | Thermostat Interface | ☐ PAC-US444CN-1 |
| | Thermostat Interface | ☐ PAC-US445CN-1 |
| | Wireless Interface for kumo cloud® | ☐ PAC-USWHS002-WF-2 |
| Remote Sensor | Flush Mount Remote Temperature Sensor | ☐ PAC-USSEN002-FM-1 |
| | Flush Mount Temperature Sensor | ☐ PAC-USSEN001-FM-1 |
| | Remote Temperature Sensor | ☐ PAC-SE41TS-E |
| | Wireless temperature and humitity sensor for kumo cloud® | ☐ PAC-USWHS003-TH-1 |
| Terminal Signal Adapter | Terminal Signal Adapter | ☐ PAC-IT51AD-E |
| Wired Remote Controller | Deluxe Wired MA Remote Controller† | ☐ PAR-40MAAU |
| | Simple MA Remote Controller† | ☐ PAC-YT53CRAU-J |
| | Smart ME Remote Controller - Backlit touchscreen | ☐ PAR-U01MEDU-K |
| | Touch MA Controller† | ☐ PAR-CT01MAU-SB |
| Wireless Remote Controller | kumo touch™ RedLINK™ Wireless Controller | ☐ MHK2 |
| | Wireless MA Receiver | ☐ PAR-FA32MA-W |
| | Wireless MA Remote Controller | ☐ PAR-FL32MA-E |
| Condensate | Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended] | ☐ X87-721 |
| | Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor | ☐ X87-835 |
| | Blue Diamond MultiTank — collection tank for use with multiple pumps | ☐ C21-014 |
| | Blue Diamond Sensor Extension Cable — 15 Ft. | ☐ C13-103 |
| | Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H | ☐ COMBI |
| | Sauermann Condensate Pump | ☐ SI30-230 |
| Filter Box | Filter Box with MERV 13 Filter | ☐ FBM2-3-A |
| Lineset | 10’ x 3/8” x 10’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-10 |
| | 100’ x 3/8” x 100’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-100 |
| | 15’ x 3/8” x 15’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-15 |
| | 30’ x 3/8” x 30’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-30 |
| | 50’ x 3/8” x 50’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-50 |
| | 65’ x 3/8” x 65’ x 5/8” Lineset (Twin-Tube Insulation)†† | ☐ MPLS385812T-65 |


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# INDOOR UNIT DIMENSIONS: PEFY-P24NMAU-E4

Unit : mm(in.)

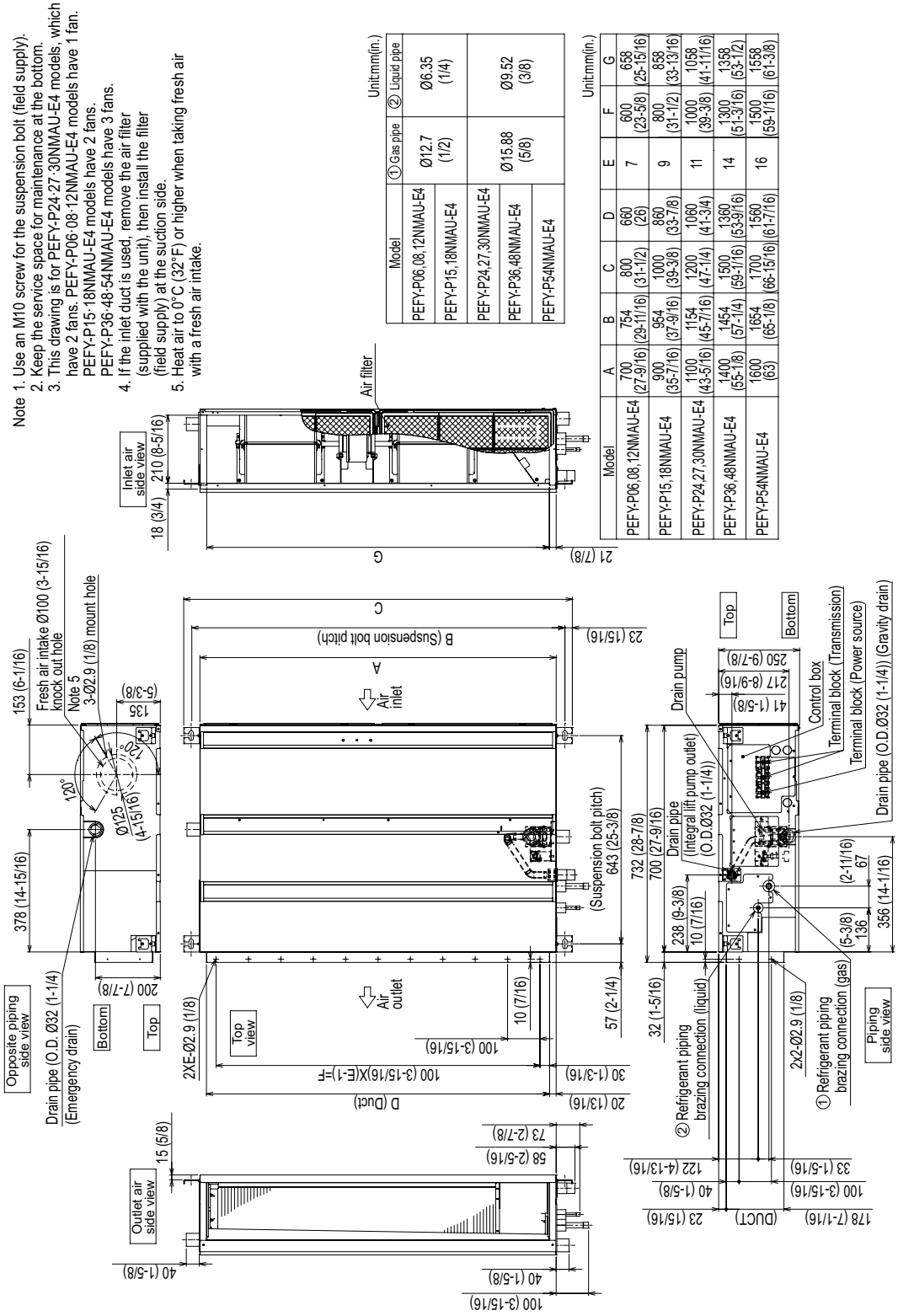
Note
1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. This drawing is for PEFY-P24·27·30NMAU-E4 models, which have 2 fans. PEFY-P06·08·12NMAU-E4 models have 1 fan. PEFY-P15·18NMAU-E4 models have 2 fans. PEFY-P36·48·54NMAU-E4 models have 3 fans.
4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.

Unit:mm(in.)

| Model | ① Gas pipe | ② Liquid pipe |
|---|---|---|
| PEFY-P06,08,12NMAU-E4 | Ø12.7 (1/2) | Ø6.35 (1/4) |
| PEFY-P15,18NMAU-E4 | | |
| PEFY-P24,27,30NMAU-E4 | Ø15.88 (5/8) | Ø9.52 (3/8) |
| PEFY-P36,48NMAU-E4 | | |
| PEFY-P54NMAU-E4 | | |

Unit:mm(in.)

| Model | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| PEFY-P06,08,12NMAU-E4 | 700 (27-9/16) | 754 (29-11/16) | 800 (31-1/2) | 660 (26) | 7 | 600 (23-5/8) | 658 (25-15/16) |
| PEFY-P15,18NMAU-E4 | 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) |
| PEFY-P24,27,30NMAU-E4 | 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) |
| PEFY-P36,48NMAU-E4 | 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) |
| PEFY-P54NMAU-E4 | 1600 (63) | 1654 (65-1/8) | 1700 (66-15/16) | 1560 (61-7/16) | 16 | 1500 (59-1/16) | 1558 (61-3/8) |





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Specifications are subject to change without notice.

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