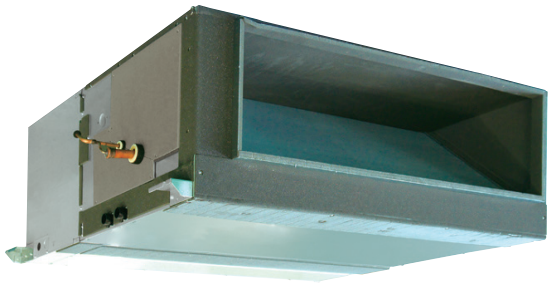
CITY**MULTI**® **Model: PEFY-P36NMHU-E** MITSUBISHI ELECTRIC

| Job Name: | |
|---|---|
| Schedule Reference: | Date: |



## GENERAL FEATURES

- Dual set point functionality
- High external static pressure capabilities
- Ducted fan coil supports multiple configurations for flexible installation

## OPTIONS

- □ Drain pump……PAC-KE04DM-F
- □ Condensate Pump……BlueDiamond X87-711/721; 115/230V
- □ Condensate Pump……..Sauermann SI30-115/230; 115/230V
- □ Filter Box (Includes 2" MERV 13 filter)…….....FBH2-3
- □ CN24 Relay Kit……...…CN24RELAY-KIT-CM3

## SPECIFICATIONS

**Capacity***
Cooling . . . . . 36,000 Btu/h
Heating . . . . . 40,000 Btu/h

**Power**
Power Source . . . . . 208-230V, 1 phase, 60Hz

**Power Consumption**
Cooling (208/230V) . . . . . 0.683 / 0.754 kW
Heating (208/230V) . . . . . 0.683 / 0.754 kW

**Current**
Cooling (208/230V) . . . . . 3.38 / 3.73 A
Heating (208/230V) . . . . . 3.38 / 3.73 A
Minimum Circuit Ampacity (MCA) (208/230V) . 4.23 / 4.67 A
Maximum Overcurrent Protection (MOCP). . . . . 15A

**External Finish** . . . . . Galvanized steel plate

**Dimensions**
Inches . . . . . 14-31/32 h x 47-1/4 w x 35-7/16 d
mm . . . . . 380 h x 1200 w x 900 d

**Net Weight** . . . . . 155 lb / 70 kg

**Coil Type** . . . . . Cross fin
(aluminum plate fin and copper tube)

**Fan**
Type x Quantity . . . . . Sirocco fan x 2
Airflow Rate (Low - High) . . . . . 936 - 1342 CFM
External Static Pressure
@ 208V . . . . . 0.20 (default) - 0.64 in. WG
@ 230V . . . . . 0.40-0.60 (default) - 0.80 in. WG
Motor Type . . . . . Single phase induction motor

**Air Filter** . . . . . Filter must be procured locally

**Refrigerant Pipe Dimensions**
R410A
Liquid . . . . . 3/8" / 9.52 mm flare
Gas . . . . . 5/8" / 15.88 mm flare

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

**Sound Level** (Low - High)
@ 208V . . . . . 31 - 41 dB(A)
@ 230V . . . . . 38 - 44 dB(A)

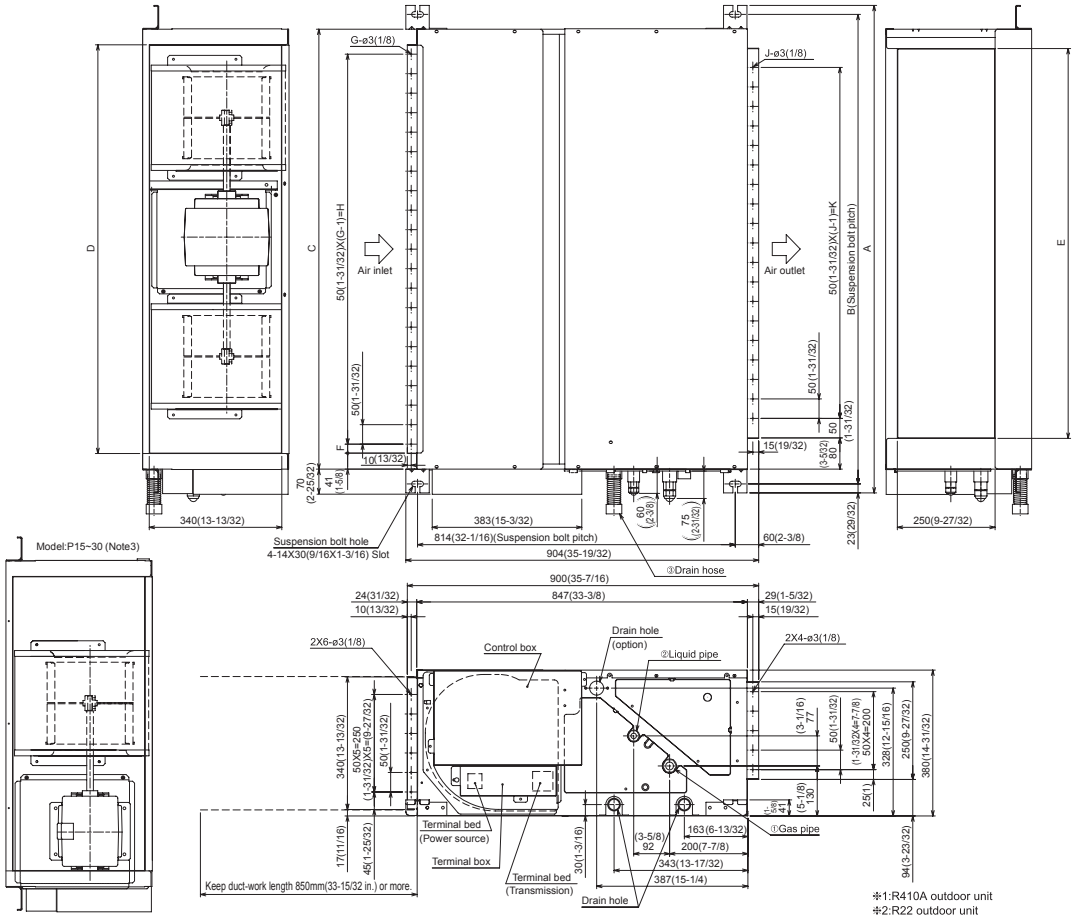
* Cooling / Heating capacity indicated at operation under the following conditions:
Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB, Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21° C) DB, Outdoor 47° F (8° C) DB / 43° F (6° C) WB

Notes:




Specifications are subject to change without notice.
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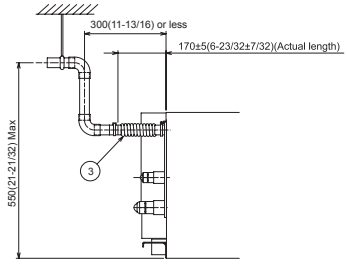
# Model: PEFY-P36NMHU-E – DIMENSIONS




m(in.)

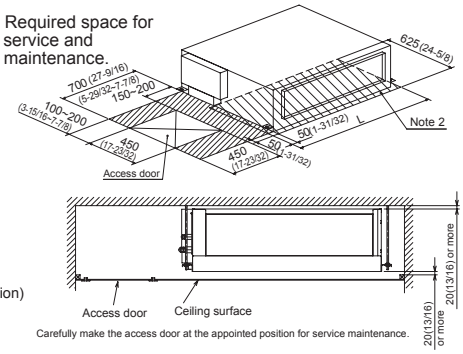
| Model | A | B | C | D | E | F | G | H | J | K | L | ①Gas pipe <Flare> | | ②Liquid pipe<Flare> | | ③ Drain hose |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PEFY-P15NMHU-E | 800 (31-1/2) | 754 (29-11/16) | 680 (26-25/32) | 600 (23-5/8) | 550 (21-21/32) | 50 (1-31/32) | 11 | 500 (19-11/16) | 10 | 450 (17-23/32) | 780 (30-23/32) | | ø12.7(1/2) | | ø6.35(1/4) | Drain hose 32mm(1-1/4inch) <flexible joint> (accessory) |
| PEFY-P18NMHU-E | | | | | | | | | | | | ❊1 | ø12.7(1/2) | ❊1 | ø6.35(1/4) | |
| | | | | | | | | | | | | ❊2 | ø15.88(5/8) | ❊2 | ø9.52(3/8) | |
| PEFY-P24NMHU-E | | | | | | | | | | | | | ø15.88(5/8) | | ø9.52(3/8) | |
| PEFY-P27·30NMHU-E | 1050 (41-11/32) | 1004 (39-17/32) | 930 (36-5/8) | 850 (33-1/2) | 800 (31-1/2) | 25 (1) | 17 | 800 (31-1/2) | 15 | 700 (27-9/16) | 1030 (40-9/16) | | ø15.88(5/8) | | ø9.52(3/8) | |
| PEFY-P36·48·54NMHU-E | 1250 (49-7/32) | 1204 (47-13/32) | 1130 (44-1/2) | 1050 (41-11/32) | 1000 (39-3/8) | 25 (1) | 21 | 1000 (39-3/8) | 19 | 900 (35-7/16) | 1230 (48-7/16) | ❊1 | ø15.88(5/8) | ❊1 | ø9.52(3/8) | |
| | | | | | | | | | | | | ❊2 | ø19.05(3/4) | ❊2 | ø9.52(3/8) | |

Note 1.Use M10 screw for the suspension bolt (field supply).
2.Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3.This chart indicates for PEFY-P36·48·54NMHU-E models, which have two fans. PEFY-P15·18·24·27·30NMHU-E models have one fan.
4.Make sure to install the air filter(field supply) on the air intake side. n case field supplied air filter is used, attach it where the filter service is easily done.
5.On Model :18,36,48 and 54, use flare nut packed with the indoor unit, when connecting the outdoor unit for R22.




When installing the drain water lifting-up mechanism (option)

Required space for service and maintenance.







Carefully make the access door at the appointed position for service maintenance.

Intertek

FORM# PEFY-P36NMHU-E - 201402

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