

Job Name:

Schedule Reference:

Date:

**GENERAL FEATURES**

- Dual set point functionality (*1)
- Ten sizes from 15,000 to 54,000 Btu/h (P72, P96)
- Two fan speeds available (Low-High)
- Ducted fan coil supporting multiple configurations for flexible installation
- Quiet operation from 38 to 47dB(A)
- Built-in condensate lift; lifts to 27-9/16" (700mm)
- IT Terminal plug

OPTIONS

- ☐ External Heater Adapter.....PAC-YU25HT
- ☐ Filter Box.....PAC-KE140TB-F
- ☐ Long-life Filter (LLF).....PAC-KE89LAF

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

Note:

Ventilation air to be introduced independent of or in series with VRF indoor units.
Please refer to local codes for the required ventilation rates specific to the application.

*1 – All components of the system must be compatible. For more details on system compatibility, please refer to Technical Bulletin 100-151 available on our website.

Notes:

SPECIFICATIONS**Capacity***

Cooling.....54,000 Btu/h
Heating.....60,000 Btu/h

Power

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

Power Consumption*

Cooling.....0.63 / 0.62 kW
Heating.....0.61 / 0.60 kW

Current*

Cooling.....3.11 / 2.78 A
Heating.....3.00 / 2.67 A

Minimum Circuit Ampacity (MCA *)

@ 208V.....4.18 A
@ 230V.....3.69 A

* All electrical work shall comply with National (CEC) and local codes and regulations.

Fuse Size.....15 A

External Finish.....Galvanized-steel Sheet

External Dimensions

Inches.....15 H x 47-1/16 W x 35-7/16 D
mm.....380 H x 1,195 W x 900 D

Net Weight.....157 lbs. / 71 kg

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

Fan

Type x Quantity.....Sirocco Fan x 2

Airflow Rate (Low - High).....989 - 1,412 CFM

External Static Pressure

@ 208V.....0.40 - 1.00" WG
@ 230V.....0.60 - 1.00" WG

Motor Type.....1-phase induction motor

Air Filter.....Optional
(Synthetic fiber unwoven cloth filter (LLF) and filter box recommended)

Refrigerant Piping Dimensions

Liquid (High Pressure).....3/8" / 9.52 mm (Brazed)
Gas (Low Pressure).....5/8" / 15.88 mm (Brazed)

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

Sound Pressure Levels

Low - High.....41 - 47 dB(A)

* Cooling / Heating capacity indicated at operation under the following conditions:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB,

Cooling | Outdoor 95° F (35° C) DB

Heating | Indoor: 70° F (21° C) DB,

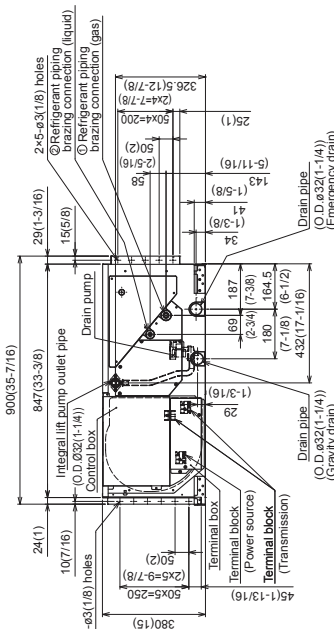
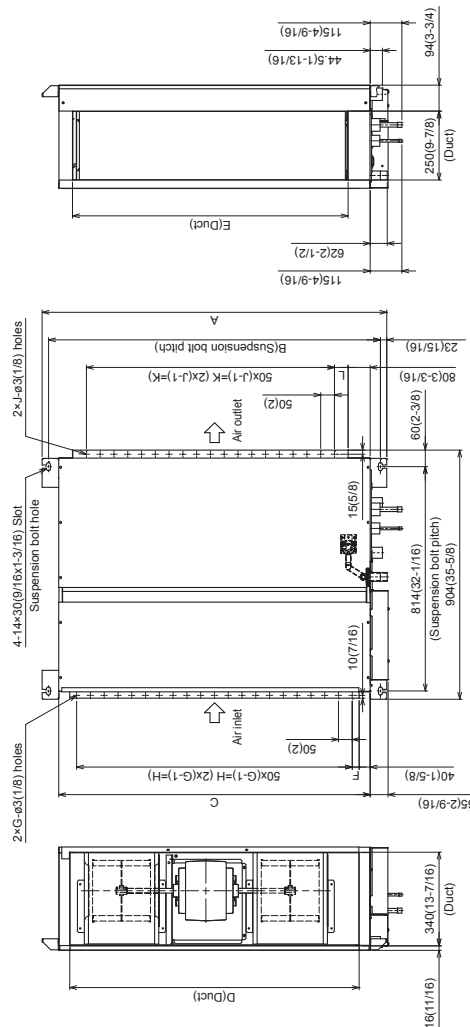
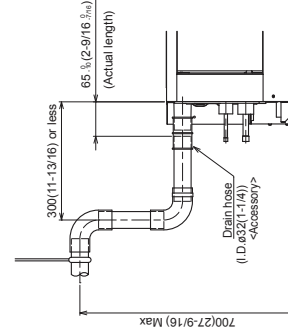
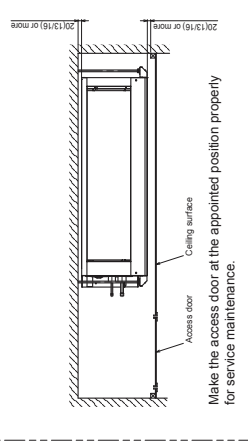
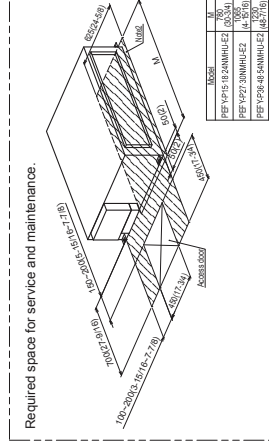
Heating | Outdoor 47° F (8° C) DB / 43° F (6° C) WB

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Model: PEFY-P54NMHU-E2 – DIMENSIONS

Unit : mm(in.)

- Note 1 Use an 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 drawing is for PEFY-P27-30-36-48-54NMHU-E2 models, which have 2 fans. PEFY-P15-18-24NMHU-E2 models have 1 fan.
 4. Make sure to install the air filter (field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.



Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe	② Liquid pipe
PEFY-P15-18NMHU-E2	890	754	689	800	550	50	11	500	10	17(3/4)	50	ø12.7 (1/2)	ø8.35 (1/4)
PEFY-P24NMHU-E2	1065	1039	965	885	835	42.5	17	800	15	700	67	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P27-30NMHU-E2	1250	1204	1130	1050	1000	25	21	1000	19	900	50	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P36-48-54NMHU-E2	1400	1354	1280	1200	1150	30	21	1100	19	1000	50	ø15.88 (5/8)	ø9.52 (3/8)



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