

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-KE80TB-G
- ☐ Long-life Filter (LLF).....PAC-KE88LAF

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.....27,000 Btu/h
Heating.....30,000 Btu/h

Power

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

Power Consumption*

Cooling.....0.39 / 0.39 kW
Heating.....0.37 / 0.37 kW

Current*

Cooling.....1.90 / 1.73 A
Heating.....1.79 / 1.62 A

Minimum Circuit Ampacity (MCA *)

@ 208V.....2.35 A
@ 230V.....2.13 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 40-9/16 W x 35-7/16 D
mm.....380 H x 1,030 W x 900 D

Net Weight.....124 lbs. / 56 kg

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

Fan

Type x Quantity.....Sirocco Fan x 2
Airflow Rate (Low - High).....547 - 777 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.....38 - 44 dB(A)

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

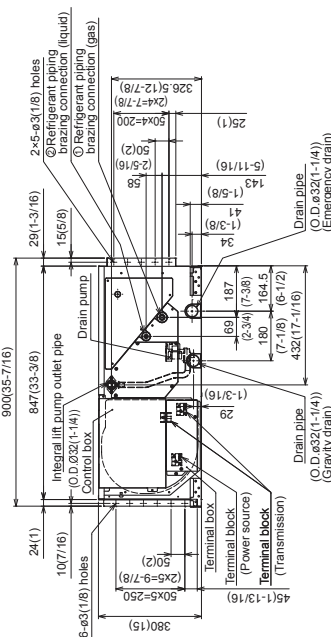
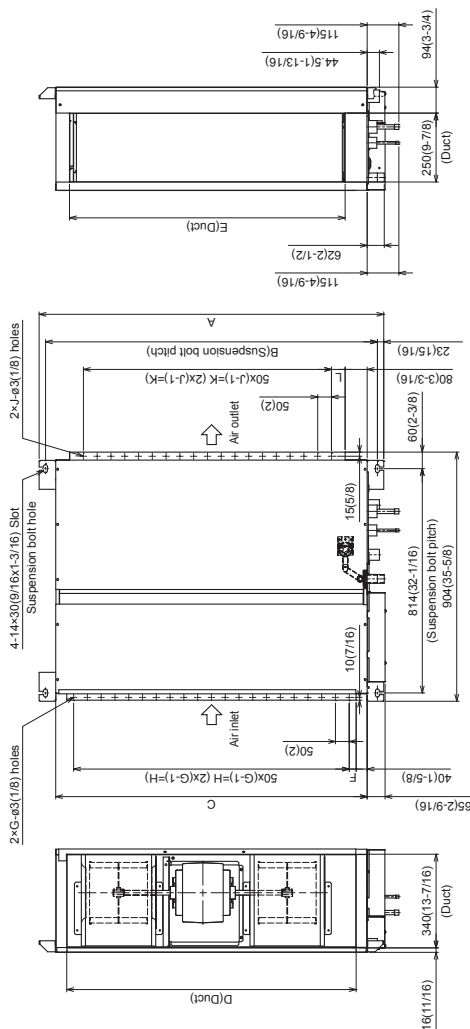
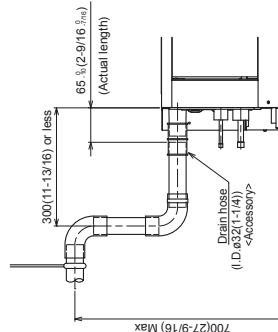
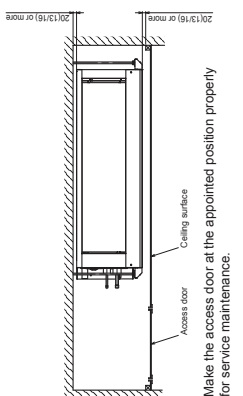
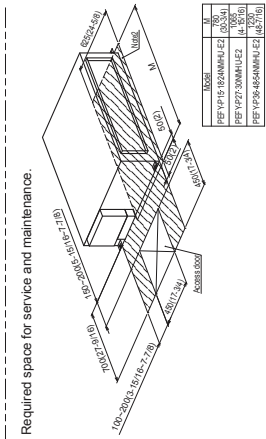
Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB,
Cooling | Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21° C) DB,
Heating | Outdoor 47° F (8° C) DB / 43° F (6° C) WB

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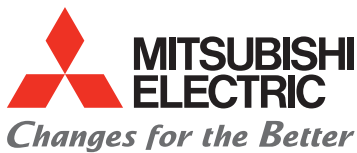
Model: PEFY-P27NMHU-E2 – DIMENSIONS

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 PEF-Y-P27-30-36-48-54NMHU-E2 models, which have 2 fans PEF-Y-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	④ Gas pipe	② Liquid pipe
PEF-Y15-18MMH-U2	800	754	680	630	560	500	500			450	50	④ 712.7 (17.2)	② 86.35 (1.9)
PEF-Y22MMH-U2	(31-12)	(25-11-12)	(26-13-16)	(22-11-16)	(21-11-16)	50	11	(9-11-16)	10	(17-3-4)			
PEF-Y27-30MMH-U2	1085	1039	965	895	835	42.5	17	800	15	700	67	④ 51.88 (5.6)	② 89.52 (3.8)
	(42-34)	(40-15-16)	(39)	(34-10-16)	(32-7-8)	(1-11-16)		(31-1-12)	(27-9-16)	(2-11-16)			
	250	1204	1130	1050	1000	25		1000		900	50		



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Form # SB_PEFY-P27NMHU-E2_201709
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