

Job Name:

Schedule Reference:

Date:



GENERAL FEATURES

- Dual set point functionality
- Multiple fan speed settings
- Auto fan mode
- Built-in condensate lift; lifts to 21-11/16" (550 mm)
- 7-7/8" (200 mm) high for low ceiling heights

OPTIONS

- External Heater Adapter.....CN24RELAY-KIT-CM3
- Filter Box (Includes 1" MERV 8 filter).....FBL1-2
- Bottom Return Adapter Plate.....BRP-2

SPECIFICATIONS

Capacity*

Cooling.....18,000Btu/h
 Heating.....20,000Btu/h

Power

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

Power Consumption

Cooling.....0.09 kW
 Heating.....0.07 kW

Current

Cooling (208/230V).....0.74 / 0.70 A
 Heating (208/230V).....0.64 / 0.60 A
 Minimum Circuit Ampacity (MCA) (208/230V)... 1.20 / 1.33 A
 Maximum Overcurrent Protection (MOCP) Fuse.....15 A

External Finish.....Galvanized Steel Sheets

External Dimensions

Inches.....7-7/8 h x 39 w x 27-9/16 d
 mm.....200 h x 990 w x 700 d

Net Weight.....54 lbs. / 24 kg

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

Fan

Type x Quantity.....Sirocco Fan x 3
 Airflow Rate (Low - Mid - High).....353 - 441 - 529 CFM
 External Static Pressure.....0.02 - 0.06 - 0.14 - 0.20" WG
 Motor Type.....DC Motor

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.....30-34-37 dB(A)

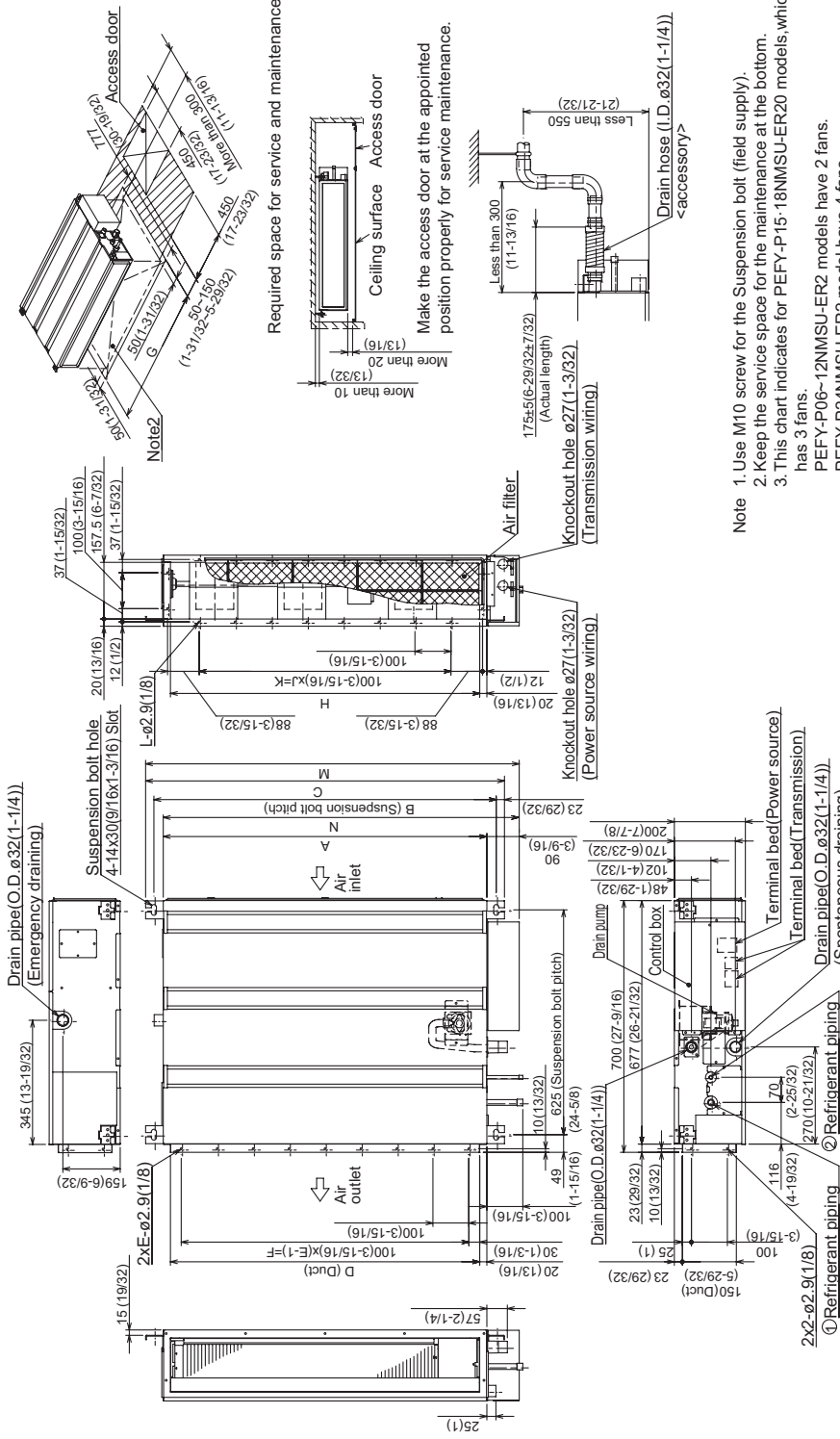
* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:
 Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB, Outdoor 95° F (35° C) DB
 Heating | Indoor: 70° F (21° C) DB, Outdoor 47° F (8° C) DB / 43° F (6° C) WB

Notes:



Model: PEFY-P18NMSU-ER2 – DIMENSIONS

Unit : mm(in)



- Note
1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEFY-P15-18NMSU-ER20 models, which has 3 fans.
PEFY-P06-12NMSU-ER2 models have 2 fans.
PEFY-P24NMSU-ER2 model have 4 fans.
 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

*1:R410A outdoor unit
*2:R22 outdoor unit

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMSU-ER2	700 (27-9/16)	752 (29-5/8)	798 (31-3/8)	660 (25-9/16)	7	600 (23-5/8)	800 (31-1/2)	660 (25-9/16)	5	500 (19-11/16)	16 (5-1/8)	839 (33-1/8)	790 (31-1/8)	ø12.7 (1/2)	ø6.35 (1/4)
PEFY-P15NMSU-ER2	900 (35-7/16)	952 (37-1/2)	998 (39-3/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20 (40-3/32)	1039 (40-7/8)	990 (39)	*1 ø12.7 (1/2) *2 ø15.88 (5/8)	ø6.35 (1/4) ø8.52 (3/8)
PEFY-P18NMSU-ER2	1100 (43-3/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-3/8)	1060 (41-3/4)	9	900 (35-7/16)	24 (48-3/8)	1239 (48-11/16)	1190 (46-7/8)	ø15.88 (5/8)	ø9.52 (3/8)



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FORM# PEFY-P18NMSU-ER2 - 201208

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