

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
- Built-in condensate pump; lifts to 27-9/16 inches
- Suitable for use in air handling spaces in accordance with Section 18.2 of UL 1995 4th Edition

## OPTIONS

- ☐ 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.....	48,000 Btu/h
Heating.....	54,000 Btu/h

### Power

Power Source.....	208 / 230V, 1-phase, 60Hz
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### Power Consumption\*

Cooling.....	0.62 / 0.61 kW
Heating.....	0.60 / 0.59 kW

### Current\*

Cooling.....	3.10 / 2.74 A
Heating.....	2.99 / 2.63 A

### Minimum Circuit Ampacity (MCA)

@ 208V.....	4.16 A
@ 230V.....	3.67 A

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.....153 lbs. / 69 kg

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

### Fan

Type x Quantity.....	Sirocco Fan x 2
Airflow Rate (Low - High).....	.936 - 1,342 CFM
External Static Pressure	
@ 208V.....	0.40 - 1.00"WG
@ 230V.....	0.60 - 1.00"WG
Motor Type.....	1-phase induction motor

### 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.....	40 - 46 dB(A)
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\* 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,

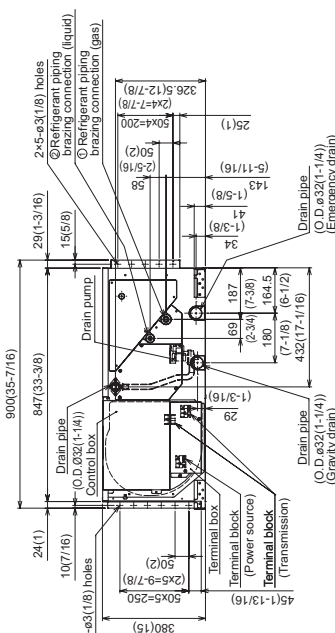
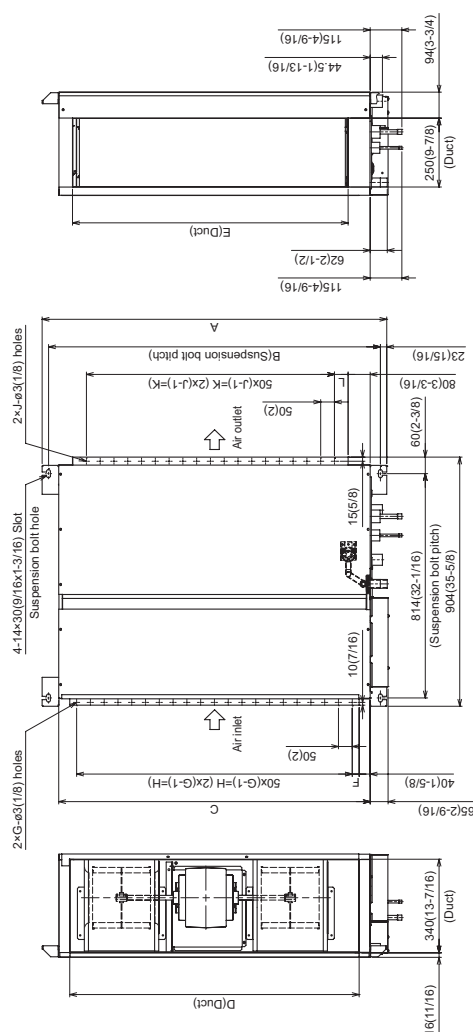
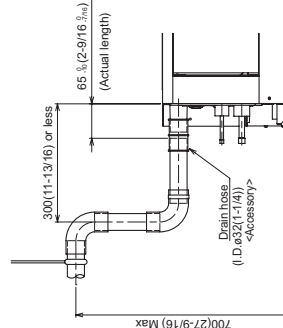
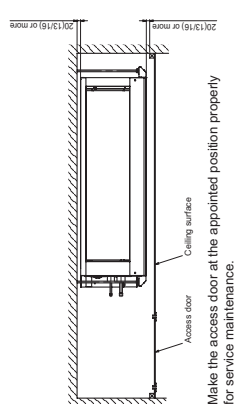
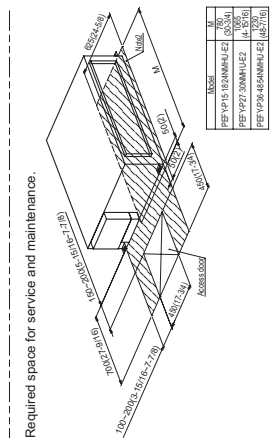
Heating | Outdoor 47° F (8° C) DB / 43° F (6° C) WB

Notes:



## 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-P27-30-36-48-54NMHU-E2 models have 1 fan, which have 2 fans PEFY-P27-51-78-24NMHU-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	② Gas pipe	③ Liquid pipe
PER-F15-18MMH-U2	800	754	680	600	560	500	500	500	450	50	127	ø127	ø63.50 (1/4)
PER-F24-24MMH-U2	1000	954	880	800	760	700	700	700	650	70	152	ø152	ø76.20 (3/4)
PER-F27-30MMH-U2	1085	1039	965	885	835	42.5	17	800	15	700	67	ø15.88 (5/8)	ø9.52 (3/8)
PER-F30-30MMH-U2	1250	1204	1130	1050	1000	25	2	1000	900	50	116	ø116	ø57.15 (2 1/8)



FORM# PEFY-P48NMHU-E2 - 201405

Specifications are subject to change without notice.  
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## COOLING & HEATING

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