

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).....FBH2-1
- ☐ CN24 Relay Kit.....CN24RELAY-KIT-CM3

SPECIFICATIONS

Capacity*

Cooling.....15,000 Btu/h
Heating.....17,000 Btu/h

Power

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

Power Consumption*

Cooling.....0.27 / 0.28 kW
Heating.....0.25 / 0.26 kW

Current*

Cooling.....1.32 / 1.25 A
Heating.....1.21 / 1.14 A

Minimum Circuit Ampacity (MCA)

@ 208V.....1.63 A
@ 230V.....1.50 A

Fuse Size.....15 A

External Finish.....Galvanized-steel Sheet

External Dimensions

Inches.....15 H x 29-3/8 W x 35-7/16 D
mm.....380 H x 745 W x 900 D

Net Weight.....98 lbs. / 44 kg

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

Fan

Type x Quantity.....Sirocco Fan x 1
Airflow Rate (Low - High).....353 - 494 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).....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 - High.....39 - 45 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

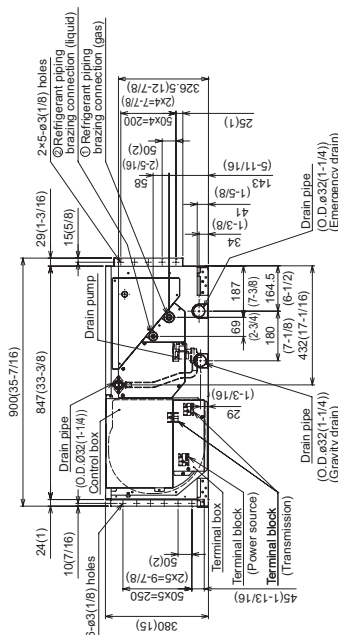
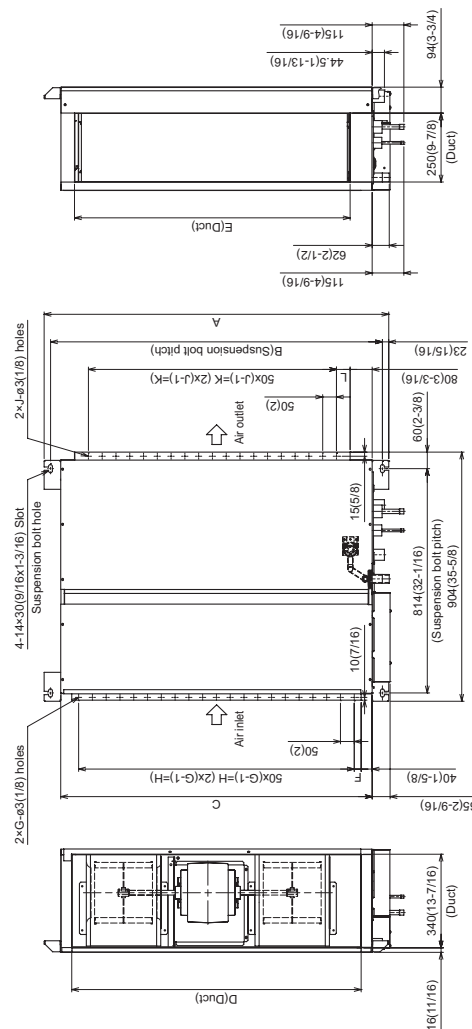
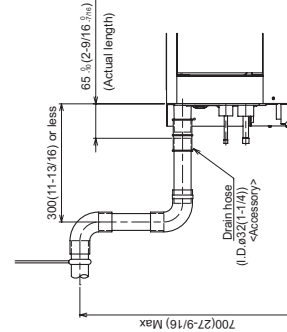
Heating | Indoor: 70° F (21° C) DB,

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

Notes:



Unit :mm(in.)

[illegible]

Model	A	B	C	D	E	F	G	H	J	K	L	Gas pipe	Liquid pipe
PER-F15-18NMH-U2	690, (31-12)	754, (25-11/16)	680, (26-13/16)	590, (23-11/16)	569, (22-11/16)	500, (20-11/16)	11	500, (19-11/16)	450, (17-3/4)	50	60	ø12.7 (1/2)	ø6.35 (1/4)
PER-F24-24NMH-U2													
PER-F27-30NMH-U2	1085, (42-3/4)	1039, (40-15/16)	965, (38)	865, (34-7/8)	835, (32-7/8)	42.5, (1-11/16)	17	800, (31-1/2)	700, (27-9/16)	67	50	ø15.88 (5/8)	ø9.52 (3/8)
PER-F28-36NMH-U2	1250, (49-1/2)	1204, (47-1/2)	1130, (44-1/2)	1050, (41-1/2)	1020, (40-1/2)	25, (1-1/4)	21	1000, (39-1/2)	900, (35-3/4)	50	50		



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