Job Name:

System Reference: Date:



DEDICATED OUTSIDE AIR SYSTEM (DOAS)

DESCRIPTION

A CITY MULTI DOAS with reheat capability consists of:

- One CFMR-E Indoor Unit
- One PURY-(E)P120T(Y)NU-A(1)
- One CMB-P106NU-J1 or CMB-P108NU-J1 Branch Controller
- One wired remote controller
- Three CMY-R160-J1 Joint Adapter

Note: CITY MULTI DOAS can only be a one-to-one, stand-alone HVAC system.
The PEFY-AF1200CFMR-E indoor unit cannot be added on to an existing VRF system, or a VRF system that includes additional indoor units.

GENERAL FEATRES

- Reheat capabilities using recovered energy from cooling throughthe BC Controller
- Two DX coils for both cooling and reheating outside air
  - Primary coil: Large DX coil with high latent capacity
  - Secondary coil: Smaller coil for providing heating or reheating
- Standard drain lift mechanism up to 21-11/16”

* Cooling / Heating capacities indicated at the maximum value when operating under the following conditions:
Cooling | Entering Indoor: Unit 87° F (31° C) DB / 80° F (27° C) WB,
Cooling | Outdoor Unit: 87° F (31° C) DB
Heating | Entering Indoor Unit: 32°F (0°C) DB,
Heating | Outdoor Unit: 32°F (0°C) DB / 28°F (-2°C) WB
**If equipment is being used in a seacoast application, a coil coating to protect against saltwater corrosion is recommended

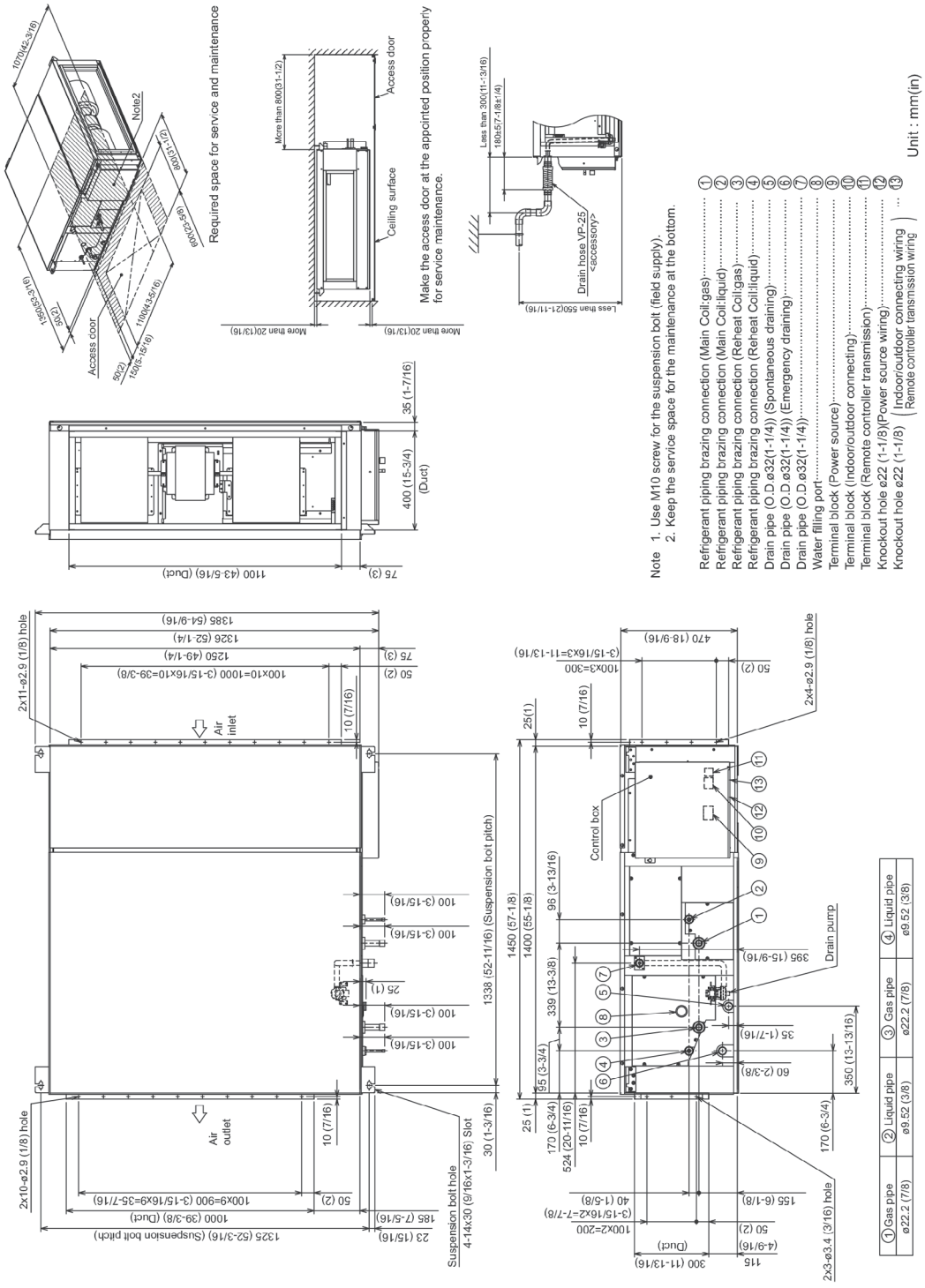
SPECIFICATIONS

Capacity*	
Cooling	112,000 Btu/h
Heating	61,400 Btu/h
Reheat	24,200 Btu/h
Power	
Power Source	208 / 230V, 1-phase, 60Hz
Power Consumption	
Cooling (208/230V)	0.66 / 0.78 kW
Heating (208/230V)	0.66 / 0.78 kW
Current	
Cooling (208/230V)	3.19 / 3.45 A
Heating (208/230V)	3.19 / 3.45 A
Minimum Circuit Ampacity (MCA) (208/230V)	3.99 / 4.31 A
Maximum Overcurrent Protection (MOCP) Fuse	15 A
Operating Temperature Range	
Cooling	50° F WB to 95° F WB (109° F DB) (10° C WB to 35° C WB [43° C DB])
Heating	-4° F WB to +60° F WB (-20° C WB to +16° C WB)
Connectable Outdoor Units	PURY-P120T(Y)NU-A(-BS), PURY-EP120T(Y)NU-A(-BS) or PURY-EP120T(Y)NU-A1
External Finish	Galvanized-steel Sheet
External Dimensions	
Inches	18-9/16 H x 49-1/4 W x 55-1/8 D
mm	470 H x 1,250 W x 1,400 D
Net Weight	
Unit	309 lbs. / 140 kg
Coil Type	Cross Fin (Aluminum Plate Fin and Copper Tube)
Fan	
Type x Quantity	Sirocco Fan x 2
Airflow Rate	1,200 CFM
External Static Pressure	
208V	0.28 - 0.48 - 0.80”WG
230V	0....52 - 0.72 - 0.96”WG
Motor Type	Single-phase Induction Motor
Air Filter	Field Supplied
Refrigerant Piping Dimensions (Main)	
Liquid (High Pressure)	3/8” / 9.52 mm
Gas (Low Pressure)	7/8” / 22.2 mm
Refrigerant Piping Dimensions (Reheat)	
Liquid (High Pressure)	3/8” / 9.52 mm
Gas (Low Pressure)	7/8” / 22.2 mm
Drainpipe Dimension (Two)	O.D. 1-1/4” / 32 mm
Sound Pressure Levels (Low-Mid-High)	
208V	36 - 38 - 41 dB(A)
230V	39 - 41 - 43 dB(A)

Specifications are subject to change without notice.

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DIMENSIONS: PEFY-AF1200CFMR-E



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