

Job Name:

System Reference:

Date:



GENERAL FEATURES

- Dual set point functionality
- Multiple fan speed settings
- Auto fan mode
- 9-7/8" (250mm) high for low ceiling heights
- Built-in condensate lift; lifts to 27-9/16" (700 mm)
- Ducted fan coil supporting multiple configurations for flexible installation

Specifications			System
Unit Type			PEFY-P30NMAU-E5
Cooling capacity (Nominal) ¹		BTU/H	30,000
Heating capacity (Nominal) ¹		BTU/H	34,000
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
Power Consumption	Cooling	kW	0.222
	Heating	kW	0.22
Current	Cooling	A	2.01/1.82
	Heating	A	2.01/1.82
MCA		A	4.25
Maximum Overcurrent Protection (MOCP)		A	15
External finish		Galvanized steel sheet	
External Dimensions		In. [mm]	55-1/8 x 28-7/8 x 9-7/8 [1,400 x 732 x 250]
Net weight		Lbs [kg]	84 [38]
Heat exchanger		Cross fin (Aluminum fin and copper tube)	
Fan	Type x quantity		Sirocco fan x 3
	External Static pressure		0.14, 0.2, 0.28, 0.4, 0.6 factory set to 0.2 In. WG
	Airflow rate		CFM 883–1,077–1,271
	Motor type		DC Motor
	Motor Output		kW 0.3
	Motor FLA		A 3.4
Sound pressure level (Measured in anechoic room)		dB(A)	35–39–43
Air filter		PP Honeycomb fabric	
Refrigerant		Type	R410A
Diameter of refrigerant pipe (O.D.)	Liquid (High Pressure)	In. [mm]	3/8 [9.52] Brazed
	Gas (Low Pressure)	In. [mm]	5/8 [15.88] Brazed
Diameter of drain pipe		In. [mm]	O.D. 1-1/4 [32]

NOTES:

Cooling | Indoor: 81° F (27° C) DB / 66° F (19° C) WB; Outdoor 95° F (35° C) DB
Heating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

INDOOR UNIT ACCESSORIES: PEFY-P30NMAU-E5

Control Interface	3-Pin Connector	☐ PAC-715AD
	CN24 Relay Kit	☐ CN24RELAY-KIT-CM3
	Connector and wire for Operation status/error using CN51	☐ PAC-725AD
	Deluxe Wired MA Remote Controller	☐ PAR-41MAAU
	IT Extender	☐ PAC-WHS01IE-E
	kumo station® for kumo cloud®	☐ PAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	☐ PAC-UKPRC001-CN-1
	Thermostat Interface	☐ PAC-US445CN-1
	Wireless Interface for kumo cloud®	☐ PAC-USWHS002-WF-2
Remote Sensor	Flush Mount Remote Temperature Sensor	☐ PAC-USSEN002-FM-1
	Remote Temperature Sensor	☐ PAC-SE41TS-E
	Wireless temperature and humidity sensor for kumo cloud®	☐ PAC-USWHS003-TH-1
Terminal Signal Adapter	Terminal Signal Adapter	☐ PAC-IT51AD-E
Wired Remote Controller	Simple Ductless Wired Remote Controller	☐ PAC-SDW01RC-1
	Simple MA Remote Controller†	☐ PAC-YT53CRAU-J
	Smart ME Remote Controller - Backlit touchscreen	☐ PAR-U01MEDU-K
	Touch MA Controller†	☐ PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	☐ MHK2
	Wireless MA Receiver	☐ PAR-FA32MA-W
	Wireless MA Remote Controller	☐ PAR-FL32MA-E
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	☐ X87-721
	Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	☐ X87-835
	Blue Diamond MultiTank — collection tank for use with multiple pumps	☐ C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	☐ C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	☐ COMBI
	Sauermann Condensate Pump	☐ SI30-230
Filter Box	Filter Box with MERV 13 Filter	☐ FBM2-4-A
Lineset	10' x 3/8" x 10' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-10
	100' x 3/8" x 100' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-100
	15' x 3/8" x 15' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-15
	30' x 3/8" x 30' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-30
	50' x 3/8" x 50' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-50
	65' x 3/8" x 65' x 5/8" Lineset (Twin-Tube Insulation)	☐ MPLS385812T-65

NOTES:

††High efficiency filter requires use of multi-function casement: PAC-SJ41TM-E

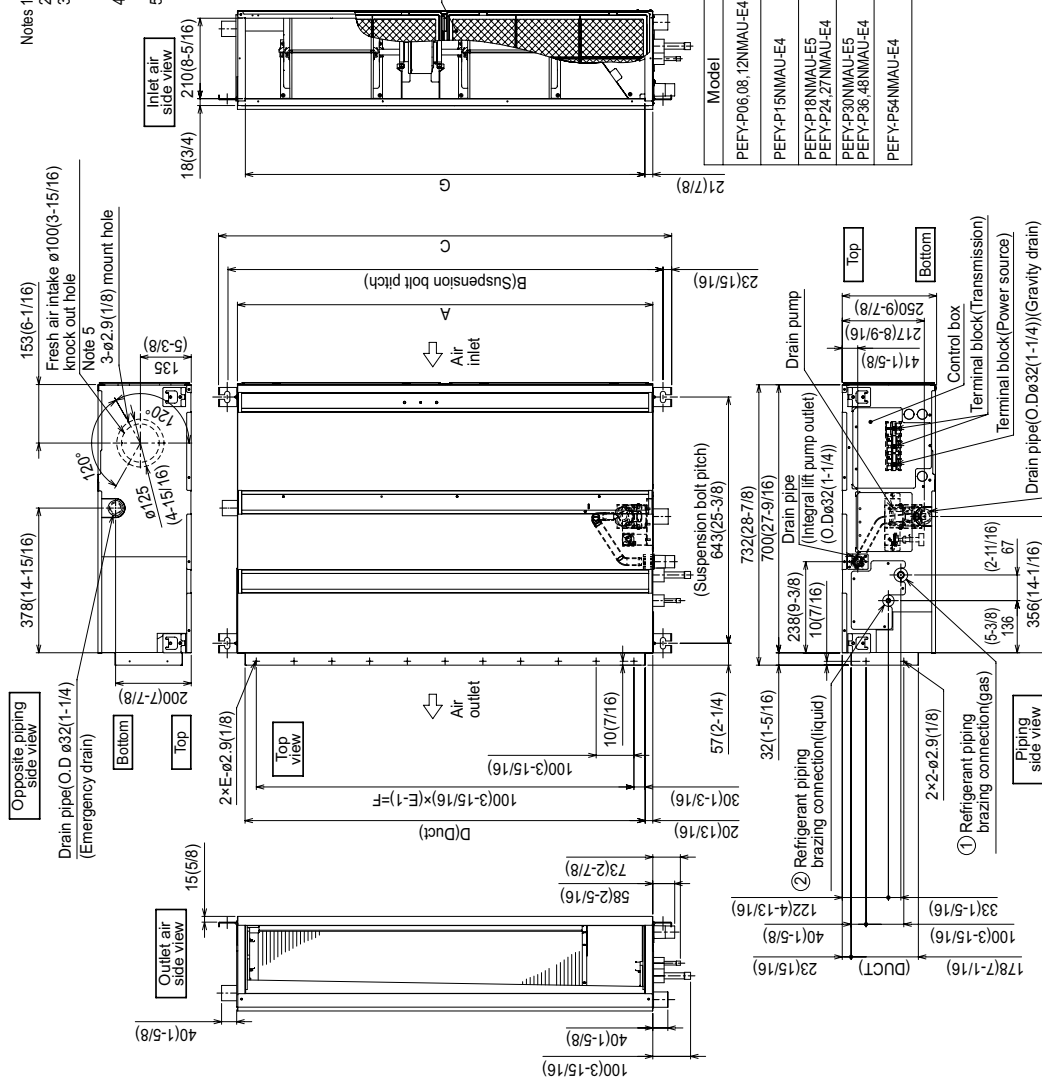
INDOOR UNIT DIMENSIONS: PEFY-P30NMAU-E5

Unit: mm (in.)

- Notes 1. Use an M10 screw for the suspension bolt (field supply).
 2. Keep the service space for maintenance at the bottom.
 3. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
 4. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.
 5. As representative drawing, PEFY-P24-27NMAU-E4, PEFY-P18NMAU-E5 is shown in this drawing. Refer to below information about the number of fan.

Model	Number of fan
PEFY-P06,08,12NMAU-E4	1
PEFY-P18NMAU-E5	2
PEFY-P15,24,27NMAU-E4	2
PEFY-P30NMAU-E5	3
PEFY-P36,48,54NMAU-E4	3

Model	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMAU-E4	ø12.7 (1/2)	ø6.35 (1/4)
PEFY-P18NMAU-E5		
PEFY-P15,24,27NMAU-E4		
PEFY-P24,27NMAU-E4	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P30NMAU-E5		
PEFY-P36,48NMAU-E4		
PEFY-P54NMAU-E4		



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