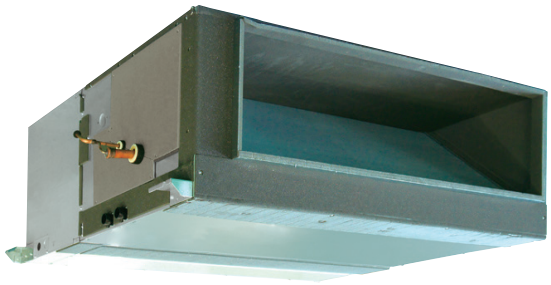
CITY**MULTI**®

Model: PEFY-P18NMHU-E

MITSUBISHI ELECTRIC

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

OPTIONS

- □ Drain pump……PAC-KE04DM-F
- □ 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 . . . . . 18,000 Btu/h
Heating . . . . . 20,000 Btu/h

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

Power Consumption
Cooling (208/230V) . . . . . 0.188 / 0.207 kW
Heating (208/230V) . . . . . 0.188 / 0.207 kW

Current
Cooling (208/230V) . . . . . 0.96 / 1.06 A
Heating (208/230V) . . . . . 0.96 / 1.06 A
Minimum Circuit Ampacity (MCA) (208/230V) . 1.20 / 1.33 A
Maximum Overcurrent Protection (MOCP). 15A

External Finish . . . . . Galvanized steel plate

Dimensions
Inches . . . . . 14-31/32 h x 29-17/32 w x 35-7/16 d
mm . . . . . 380 h x 750 w x 900 d

Net Weight . . . . . 100 lb / 45 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 . . . . . 0.20 (default) - 0.64 in. WG
@ 230V . . . . . 0.40-0.60 (default) - 0.80 in. WG
Motor Type . . . . . Single phase induction motor

Air Filter . . . . . Filter must be procured locally

Refrigerant Pipe Dimensions
R410A
Liquid . . . . . 1/4" / 6.35 mm flare
Gas . . . . . 1/2" / 12.7 mm flare

Drainpipe Dimension . . . . . O.D.1-1/4" / 32 mm

Sound Level (Low - High)
@ 208V . . . . . 25 - 32 dB(A)
@ 230V . . . . . 34 - 39 dB(A)

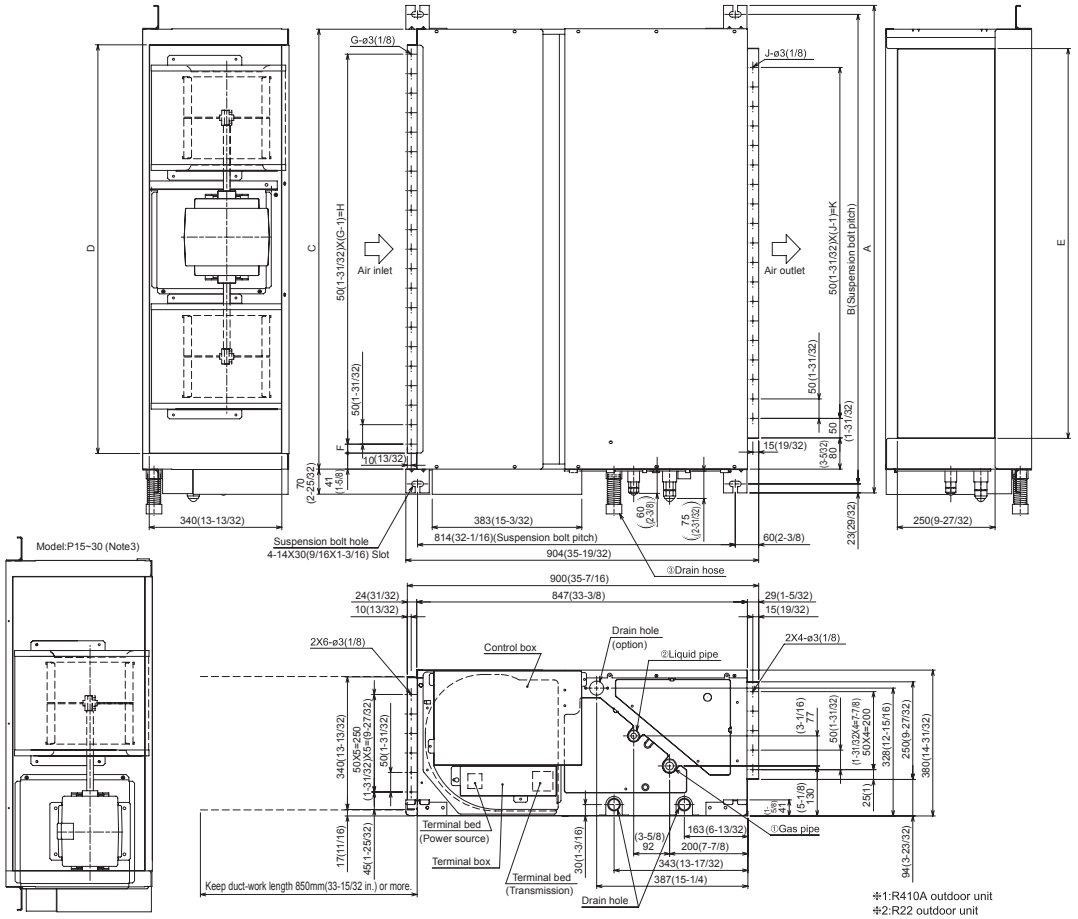
* Cooling / Heating capacity indicated at operation under the following conditions:
Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB, Outdoor 95° F (35° C) DB
Heating | Indoor: 70° F (21° C) DB, Outdoor 47° F (8° C) DB / 43° F (6° C) WB

Notes:

R410A

Specifications are subject to change without notice.
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Model: PEFY-P18NMHU-E – DIMENSIONS

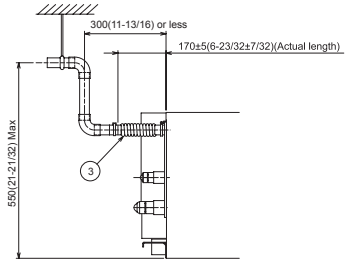


※1:R410A outdoor unit
※2:R22 outdoor unit

m(in.)

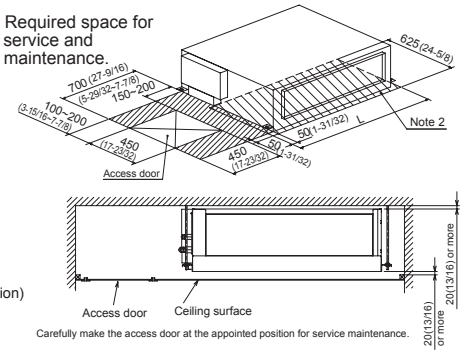
Model	A	B	C	D	E	F	G	H	J	K	L	①Gas pipe <Flare>		②Liquid pipe<Flare>		③ Drain hose
PEFY-P15NMHU-E	800 (31-1/2)	754 (29-11/16)	680 (26-25/32)	600 (23-5/8)	550 (21-21/32)	50 (1-31/32)	11	500 (19-11/16)	10	450 (17-23/32)	780 (30-23/32)		ø12.7(1/2)		ø6.35(1/4)	Drain hose 32mm(1-1/4inch) <flexible joint> (accessory)
PEFY-P18NMHU-E												※1	ø12.7(1/2)	※1	ø6.35(1/4)	
												※2	ø15.88(5/8)	※2	ø9.52(3/8)	
PEFY-P24NMHU-E													ø15.88(5/8)		ø9.52(3/8)	
PEFY-P27·30NMHU-E	1050 (41-11/32)	1004 (39-17/32)	930 (36-5/8)	850 (33-1/2)	800 (31-1/2)	25 (1)	17	800 (31-1/2)	15	700 (27-9/16)	1030 (40-9/16)		ø15.88(5/8)		ø9.52(3/8)	
PEFY-P36·48·54NMHU-E	1250 (49-7/32)	1204 (47-13/32)	1130 (44-1/2)	1050 (41-11/32)	1000 (39-3/8)	25 (1)	21	1000 (39-3/8)	19	900 (35-7/16)	1230 (48-7/16)	※1	ø15.88(5/8)	※1	ø9.52(3/8)	
												※2	ø19.05(3/4)	※2	ø9.52(3/8)	

Note 1.Use 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 chart indicates for PEFY-P36·48·54NMHU-E models, which have two fans. PEFY-P15·18·24·27·30NMHU-E models have one fan.
4.Make sure to install the air filter(field supply) on the air intake side. n case field supplied air filter is used, attach it where the filter service is easily done.
5.On Model :18,36,48 and 54, use flare nut packed with the indoor unit, when connecting the outdoor unit for R22.



When installing the drain water lifting-up mechanism (option)

Required space for service and maintenance.



Carefully make the access door at the appointed position for service maintenance.

Intertek

FORM# PEFY-P18NMHU-E - 201402

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