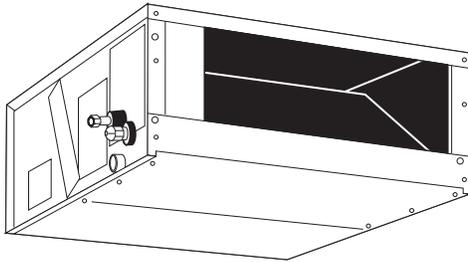


Job Name: \_\_\_\_\_

Drawing Reference: \_\_\_\_\_

Schedule No. \_\_\_\_\_



**GENERAL FEATURES**

- R410A refrigerant
- Sizes P12 and up compatible with R22 refrigerant
- Ducted fan coil supporting multiple configurations for flexible installation
- Three static pressure settings
- Four-speed fan settings except on P36 and P48
- Multiple sizes up to 48,000 Btu/h
- Quiet operation: 26-47 dB(A)

**SPECIFICATIONS**

**Capacity\***

Cooling ..... 48,000 Btu/h  
 Heating ..... 54,000 Btu/h

**Power**

Power Source ..... 208 / 230V, 1 phase, 60Hz  
 Power Consumption  
     Cooling ..... 0.39 kW  
     Heating ..... 0.39 kW  
 Current  
     Cooling ..... 1.99 / 2.21 A  
     Heating ..... 1.99 / 2.21 A  
 Minimum Circuit Ampacity (MCA) (208/230) .. 2.49 / 2.77 A  
 Maximum Overcurrent Protection (MOCP) ..... 15A

**External Finish** ..... Galvanized steel plate

**Dimensions**

Inches ..... 13-7/32 h x 59-15/32 w x 30-17/32 d  
 mm ..... 335 h x 1510 w x 775 d

**Net Weight** ..... 115 lb / 52 kg

**Coil Type** ..... Cross fin  
 (aluminum plate fin and copper tube)

**Fan**

Type x Quantity ..... Sirocco fan x 2  
 Airflow Rate (Low-High) ..... 847-1200 CFM  
 External Static Pressure  
     @ 208V ..... 0.20-0.40 (default)-0.52 in. WG  
     @ 230V ..... 0.24-0.46 (default)-0.60 in. WG  
 Motor  
     Type ..... Single phase induction motor  
     Output ..... 0.190 kW

**Air Filter** ..... Standard

**Refrigerant Pipe Dimensions**

R410A  
     Liquid ..... 3/8" / 9.52 mm flare  
     Gas ..... 5/8" / 15.88 mm flare  
 R22  
     Liquid ..... 3/8" / 9.52 mm flare  
     Gas ..... 3/4" / 19.05 mm flare

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

**Sound Level (Low-High)**

@ 208V ..... 42-46 dB (A)  
 @ 230V ..... 43-47 dB (A)

**Options**

- Drain pump kit ..... PAC-KD02DM-FA
- External Heating adaptor ..... PAC-YU24HT-F
- Maintenance panel with air intake ..... MCMP-P160DSW-H
- Round duct flange ..... PAC-KD125EDF-F

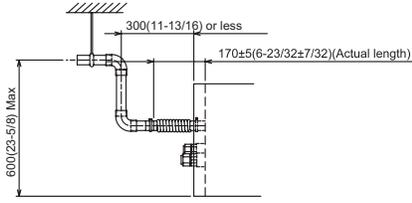
\* Cooling / Heating capacity indicated the maximum value at operation under the following conditions:  
 Cooling: Indoor 80°F (27°C) DB / 67°F (19°C) WB, Outdoor 95°F (35°C) DB  
 Heating: Indoor 70°F (21°C) DB, Outdoor 47°F (8°C) DB / 43°F (6°C) WB

\*\* Ventilation air: providing sufficient ventilation air is an important part of every building design. ASHRAE Standard 62 provides the minimum ventilation air requirements. Also check local codes.

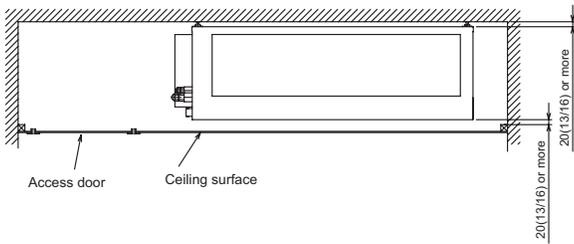
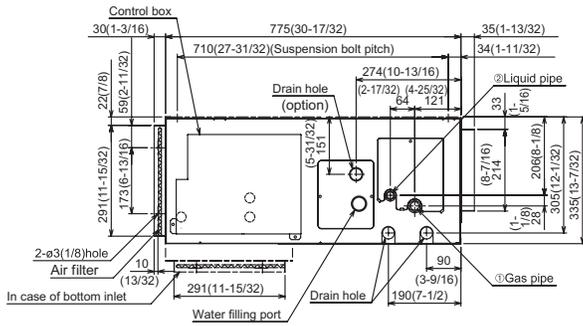
Notes:

# Model: PDFY-P48NMU-E

- Note:1. Use M10 screw for the suspension bolt (field supply).  
 2. On this model, use flare nut packed with the indoor unit when connecting the outdoor unit for R22.



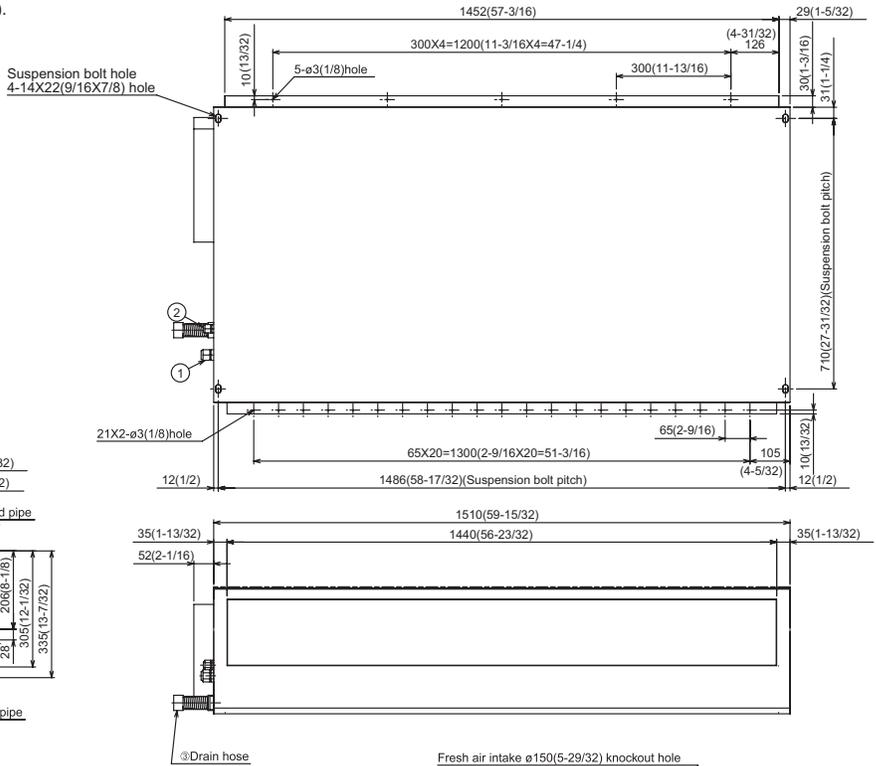
When installing the drain water lifting-up mech(option).



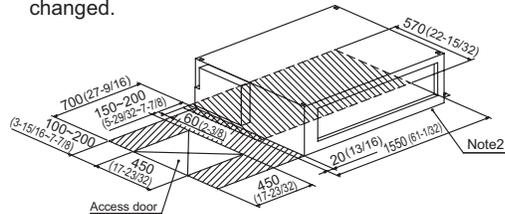
Carefully make the access door at the appointed position for service maintenance.

#1:R410A outdoor unit  
 #2:R22 outdoor unit

Model	① Gas pipe <flare>	② Liquid pipe <flare>	③ Drain hose
PDFY-P36NMU-E	#1: ø15.88(5/8) #2: ø19.05(3/4)	ø9.52(3/8)	Drain hose 32mm(1-1/4inch) <flexible joint > (accessory)
PDFY-P48NMU-E	#1: ø15.88(5/8) #2: ø19.05(3/4)	ø9.52(3/8)	



Required space for service and maintenance.  
 Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned and fan motor or fan is changed.



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System  
 The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

The ISO 14000 series is a set of standards applying to environmental protection set by the International Standard Organization (ISO).



Mitsubishi Electric Sales Canada Inc.  
[www.MitsubishiElectric.ca](http://www.MitsubishiElectric.ca)

Specifications are subject to change without notice.  
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