

|                     |  |
|---------------------|--|
| Job Name:           | Location:  |
| Schedule Reference: | Submitted By:  |
| Submitted To:       | Reference:                      Approval:                      Construction: |
| Engineer:           | Date:                                      Application:                      |



Images provided for reference purposes only

- Designed specifically for use with CITY MULTI outdoor units
- Choice of three fan speeds for optimum comfort
- Built-in condensate lift; lifts to 27-9/16" (700mm)
- 9-7/8" (250mm) high for low ceiling heights
- Highly efficient DC motor
- Dual setpoint functionality <sup>7</sup>
- IT Terminal (CN105)

**Rated Capacity:** (Cooling / Heating capacity indicated at the maximum value at operation under the following conditions Note: <sup>1,2</sup>)

|                      |       |        |
|----------------------|-------|--------|
| Cooling <sup>1</sup> | Btu/h | 36,000 |
| Heating <sup>2</sup> | Btu/h | 40,000 |

**Specifications:**

|  |             |  |
|--|-------------|--|
| Power Supply                                     |             | 208/230V, 1Ph, 60Hz                      |
| Minimum Circuit Ampacity (MCA) <sup>3</sup>      | A           | 4.25                                     |
| Maximum Fuse/Breaker Size                        | A           | 15                                       |
| Fan Type x Quantity                              |             | Sirocco fan x 3                          |
| Motor Type x Quantity                            |             | DC motor x 1                             |
| Airflow Rate                                     | CFM         | 883 - 1,077 - 1,271                      |
| External Static Pressure (Selectable)            | In. WG      | <0.14> - 0.20 - <0.28> - <0.40> - <0.60> |
| Sound Pressure Level (measured in anechoic room) | dB(A)       | 35-39-43                                 |
| Drain Pipe Size                                  | In. (mm)    | O.D. 1-1/4 (32)                          |
| External Finish                                  |             | Galvanized steel plate                   |
| Coil Type  |             | Cross fin (Aluminum fin and copper tube) |
| Air Filter                                       |             | PP honeycomb fabric.                     |
| Unit Dimensions                                  | H: In. (mm) | 9-7/8 (250)                              |
|  | W: In. (mm) | 55-1/8 (1,400)                           |
|  | D: In. (mm) | 28-7/8 (732)                             |
| Net Weight                                       | Lbs. (kg)   | 84 (38)                                  |
| Refrigerant Pipe Diameter (gas) (Braze)          | In. (mm)    | 5/8 (15.88)                              |
| Refrigerant Pipe Diameter (liquid) (Braze)       | In. (mm)    | 3/8 (9.52)                               |

**Model No.                                      Description: (Optional Accessories)**

|              |                                   |
|--------------|-----------------------------------|
| PAC-YU25HT   | External Heater Adapter           |
| FBM2-4-A     | Filter Box and Filter(s) (MERV13) |
| PAC-KE94TB-E | Filter Box                        |
|              |                                   |
|              |                                   |

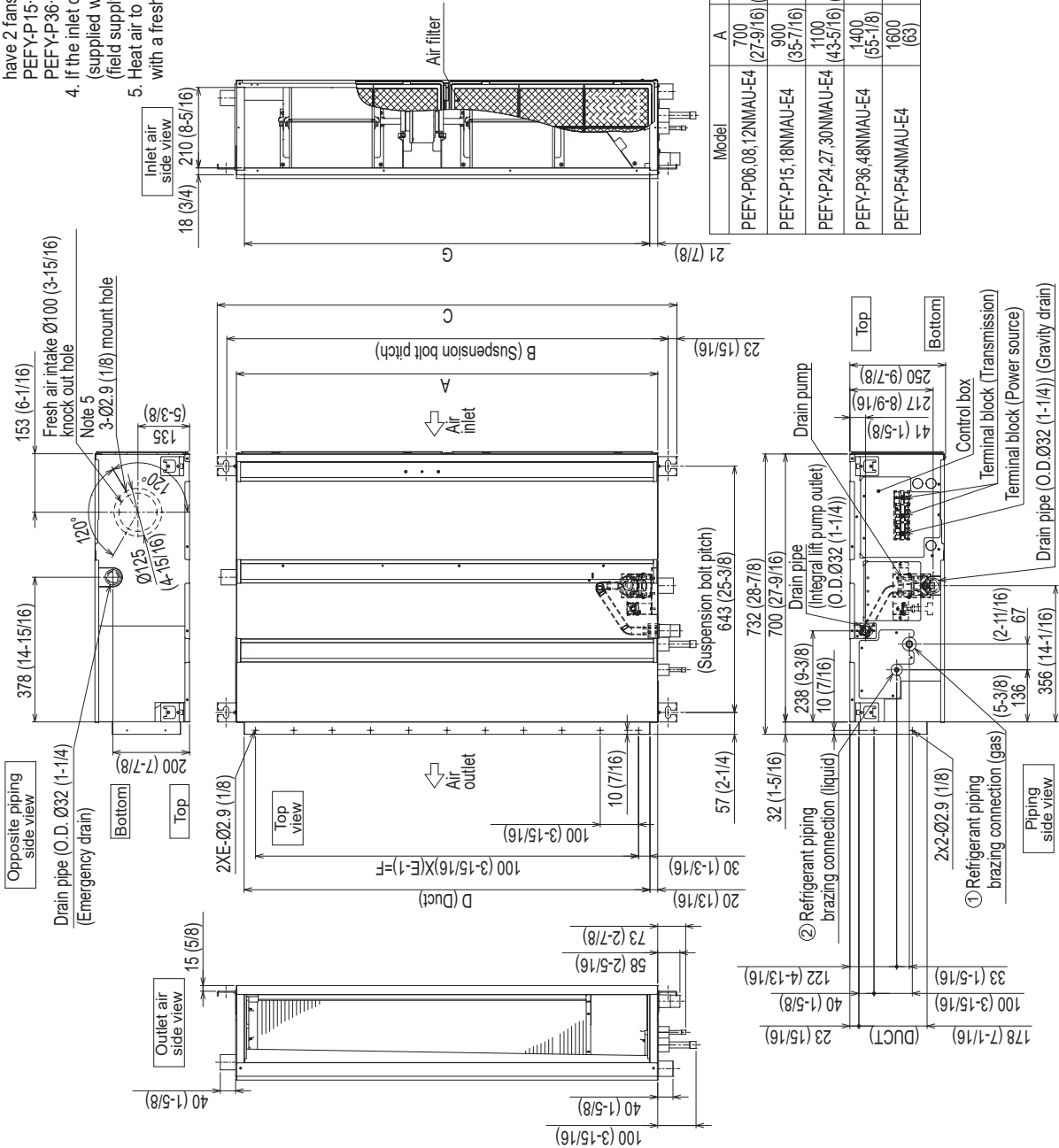
Notes:

**Note:**

1. Cooling (Indoor // Outdoor) 80°F (26.7°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB
2. Heating (Indoor // Outdoor) 70°F (21.1°C) DB // 47°F (8.3°C) DB, 43°F (6.1°C) WB
3. All electrical work shall comply with National (CEC) and local codes and regulations.
4. Ventilation air to be introduced independent of or in series with VRF indoor units. Please refer to local codes for the required ventilation rates specific to the application.
5. Applications should be restricted to **comfort heating and cooling only**; process/equipment heating and cooling applications are not recommended.
6. Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s). **Always consult relevant technical product documentation at [mitsubishitechinfo.ca](http://mitsubishitechinfo.ca), your local distributor or MESCA BC sales office as applicable.** Use of non - MESCA supported components and accessories will affect warranty coverage. MESCA recommends (A) consideration of all applicable design and application parameters and requirements specific to any project; and (B) implementation of any countermeasures needed to address those parameters and requirements, including the provision of antifreeze solution in water based systems used in conjunction with ducted indoor units.
7. All components of the system must be compatible. For more details on system control compatibility, please refer to Technical Bulletin 100-151 available on our website.
8. Should any person change this document in any manner whatsoever without MESCA's written permission, the document shall be of no force and effect and any change shall be deemed to be a representation and warranty made by that person and not MESCA. That person, and not MESCA, shall assume full responsibility for the consequences of such changes. MESCA assumes no responsibility for any consequences in such cases.

**Indoor Unit Outline and Dimensions:**

- Note 1. Use an M10 screw for the suspension bolt (field supply).  
 2. Keep the service space for maintenance at the bottom.  
 3. This drawing is for PEFY-P24-27-30NMAU-E4 models, which have 2 fans. PEFY-P06-08-12NMAU-E4 models have 1 fan. PEFY-P15-18NMAU-E4 models have 2 fans. PEFY-P36-48-54NMAU-E4 models have 3 fans.  
 4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.  
 5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.

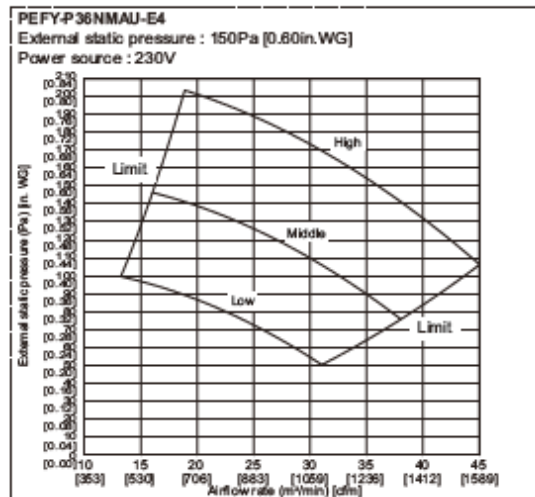
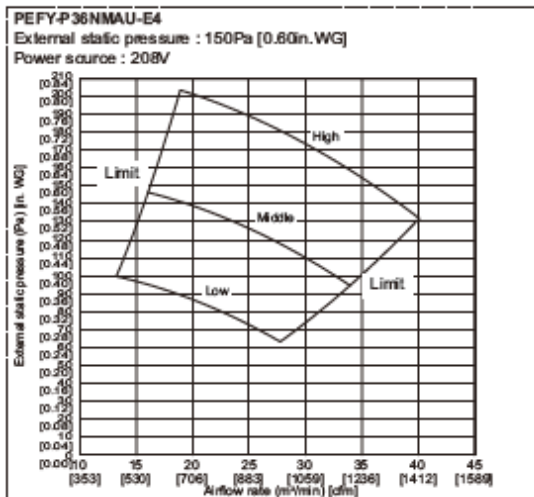
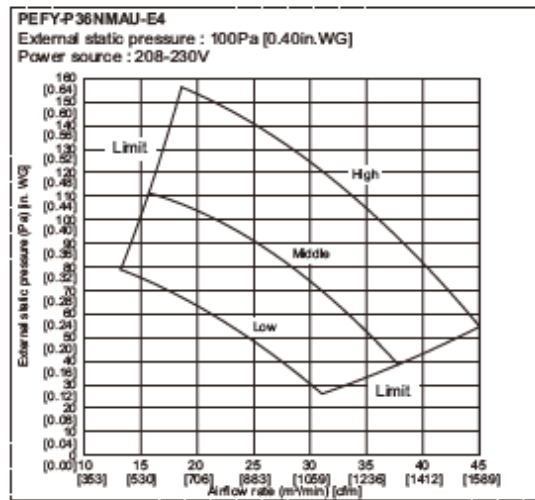
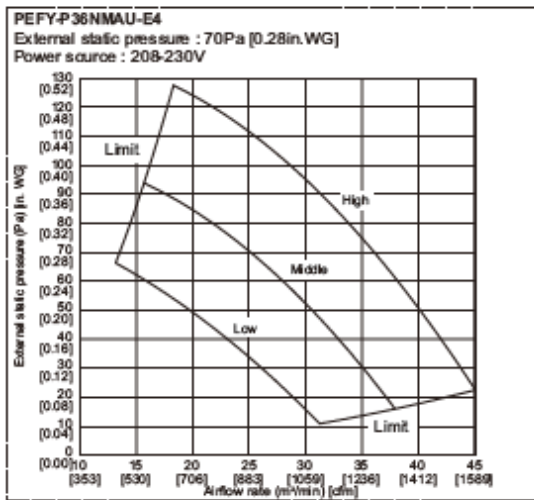
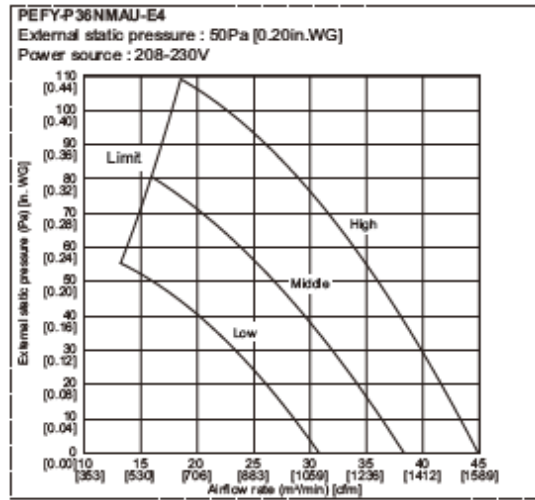
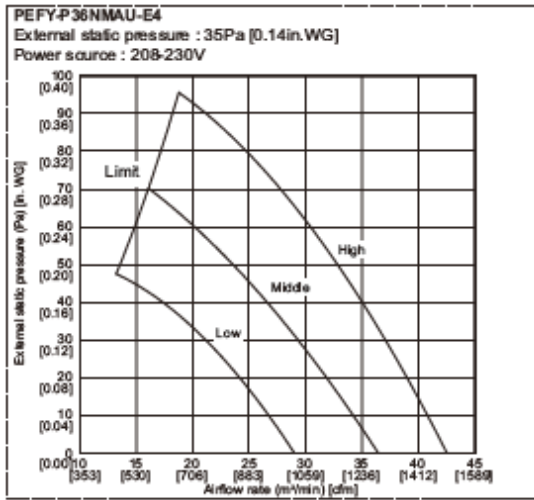


| Model                 | Unit:mm(mm.in.) |                |
|-----------------------|-----------------|----------------|
|                       | ① Gas pipe      | ② Liquid pi    |
| PEFY-P06,08,12NMAU-E4 | Ø12.7<br>(1/2)  | Ø6.35<br>(1/4) |
| PEFY-P15,18NMAU-E4    |                 |                |
| PEFY-P24,27,30NMAU-E4 | Ø15.88<br>(5/8) | Ø9.52<br>(3/8) |
| PEFY-P36,48NMAU-E4    |                 |                |
| PEFY-P54NMAU-E4       |                 |                |

| Model                 | Unit:mm(in.)      |                   |                    |                   |    |                   |                    |
|-----------------------|-------------------|-------------------|--------------------|-------------------|----|-------------------|--------------------|
|                       | A                 | B                 | C                  | D                 | E  | F                 | G                  |
| PEFY-P06,08,12NMAU-E4 | 700<br>(27-9/16)  | 754<br>(29-11/16) | 800<br>(31-1/2)    | 660<br>(26)       | 7  | 600<br>(23-5/8)   | 658<br>(25-15/16)  |
| PEFY-P15,18NMAU-E4    | 900<br>(35-7/16)  | 954<br>(37-9/16)  | 1000<br>(39-3/8)   | 860<br>(33-7/8)   | 9  | 800<br>(31-1/2)   | 858<br>(33-13/16)  |
| PEFY-P24,27,30NMAU-E4 | 1100<br>(43-5/16) | 1154<br>(45-7/16) | 1200<br>(47-1/4)   | 1060<br>(41-3/4)  | 11 | 1000<br>(39-3/8)  | 1058<br>(41-11/16) |
| PEFY-P36,48NMAU-E4    | 1400<br>(55-1/8)  | 1454<br>(57-1/4)  | 1500<br>(59-1/16)  | 1360<br>(53-9/16) | 14 | 1300<br>(51-3/16) | 1358<br>(53-1/2)   |
| PEFY-P54NMAU-E4       | 1600<br>(63)      | 1654<br>(65-1/8)  | 1700<br>(66-15/16) | 1560<br>(61-7/16) | 16 | 1500<br>(59-1/16) | 1558<br>(61-3/8)   |

Unit : mm (in.)

**Fan Characteristics Curves:**



Note: MERV13 filter Box & Filter is not reflected in these displayed curves, reference Form # SB\_FBM2-Series\_Filter\_Boxes for full details.

