

Job Name:

Schedule Reference:

Site:



PVFY-P18NAMU-E

GENERAL FEATURES

- Multi-position design is suitable for any application requires no additional kits, even for downflow configuration
- Dual set point functionality (*1)
- Designed specifically for use with CITY MULTI outdoor units
- Choice of three fan speeds for optimum comfort
- Highly efficient DC motor and a forward curved blower ensures quiet, consistent fan operation
- Control board includes a condensate overflow switch connection
- Heavy-gauge steel cabinets with 1" fiberglass-free foam insulation with an R-4.2 insulation value
- Suitable for use in air handling spaces in accordance with Section 18.2 of UL 1995 4th Edition
- Tested in accordance with ANSI/ASHRAE Standard 193; less than 1% air leakage at maximum airflow
- IT Terminal Plug
- Variable speed motor

ACCESSORIES:

- External Heating AdapterPAC-YU25HT
 Electric Heat Kitfor details see SB_EH-MPA(S)-(S)(M)(L)

SPECIFICATIONS:

| Capacity* | | |
|-----------|-------|--------|
| Cooling | Btu/h | 18,000 |
| Heating | Btu/h | 20,000 |

* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:

- Cooling | Indoor : 80° F (27° C) DB / 67° F (19° C) WB
- Cooling | Outdoor : 95° F (35° C) DB
- Heating | Indoor : 70° F (21° C) DB
- Heating | Outdoor : 47° F (8° C) DB / 43° F (6° C) WB

| Electrical | | |
|--------------------------------|---------------------------|-------------|
| Electrical Power Requirements | 1-phase, 208 / 230V, 60Hz | |
| Minimum Circuit Ampacity (MCA) | A | 3.00 / 3.00 |
| Maximum Fuse Size | A | 15 |

| External Dimensions | | |
|---------------------|---------|----------------|
| Height | In.(mm) | 50-1/4 (1,275) |
| Width | In.(mm) | 17 (432) |
| Depth | In.(mm) | 21-5/8 (548) |

| | | |
|-----------------|---|----------|
| Net Weight | Lbs.(kg) | 113 (51) |
| External Finish | High-gloss polyester powder coated | |
| Coil Type | Cross Fin (Aluminum Plate Fin and Copper Tube) | |

| Fan | | |
|---------------------------------|-----------------|---------------------------------|
| Type x Quantity | Sirocco fan x 1 | |
| Airflow rate (Low - Mid - High) | CFM | 410 - 497 - 585 |
| External Static Pressure | In. WG | 0.30 / 0.50 / 0.80 (Selectable) |
| Motor Type | DC motor | |

| | | |
|------------|-------------------------|--|
| Air Filter | Polypropylene Honeycomb | |
|------------|-------------------------|--|

| Refrigerant Piping Diameter | | |
|-----------------------------|---------|------------------|
| Liquid (High Pressure) | In.(mm) | 1/4 (6.35) Braze |
| Gas (Low Pressure) | In.(mm) | 1/2 (12.7) Braze |
| Field Drain Pipe Size | In.(mm) | FPT 3/4 (19.05) |

| Sound Data (Low - Mid - High) (measured in anechoic room) | | |
|--|-------|--------------|
| Sound Pressure Level | dB(A) | 28 - 32 - 36 |

Notes:

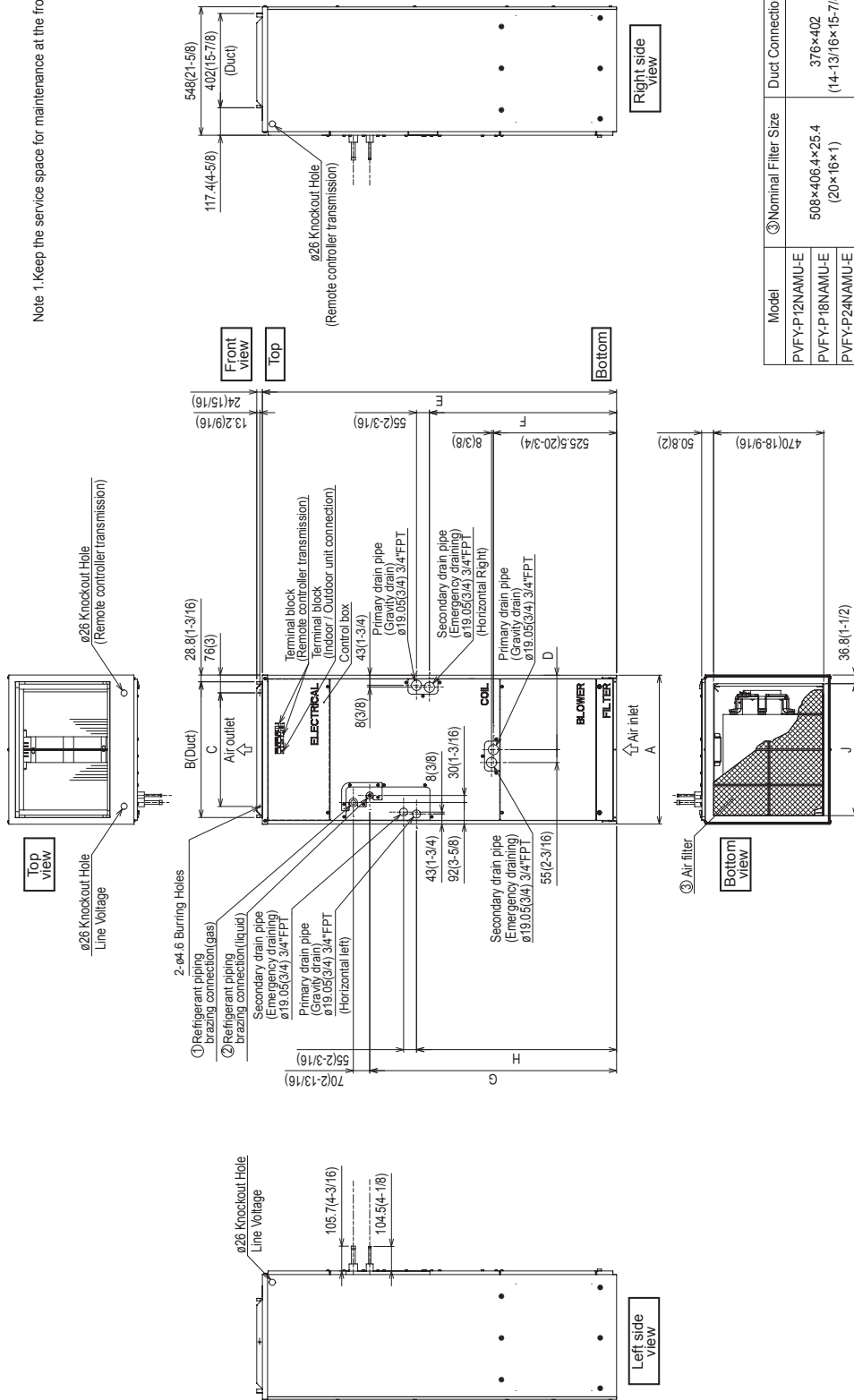
- *1 All components of the system must be compatible. For more details on system compatibility, please refer to Technical Bulletin 100-151 available on our website.
- Ventilation air to be introduced independent of or in series with VRF indoor units. Please refer to local codes for the required ventilation rates specific to the application.

Notes:

Model: PVFY-P18NAMU-E - DIMENSIONS

Units: mm (in.)

Note 1. Keep the service space for maintenance at the front.



| Model | ③Nominal Filter Size | Duct Connection |
|----------------|--------------------------|---------------------------|
| PVFY-P12NAMU-E | 508×406.4×25.4 (20×16×1) | 376×402 (14-13/16×15-7/8) |
| PVFY-P18NAMU-E | 508×508×25.4 (20×20×1) | 477×402 (18-13/16×15-7/8) |
| PVFY-P24NAMU-E | 508×609.6×25.4 (20×24×1) | 579×402 (22-13/16×15-7/8) |

| Model | A | B | C | D | E | F | G | H | J | ①Gas pipe | ②Liquid pipe | Unit:mm(in.) |
|----------------|----------|----------------|----------------|----------------|---------------|-----------------|-----------------|----------------|---------------|--------------|--------------|--------------|
| PVFY-P12NAMU-E | 432 (17) | 376 (14-13/16) | 281 (11-1/8) | 224 (8-7/8) | 1275 (50-1/4) | 680 (26-13/16) | 823 (32-7/16) | 735.5 (29) | 360 (14-3/16) | ø12.7 (1/2) | ø6.35 (1/4) | |
| PVFY-P18NAMU-E | 534 (21) | 477 (18-13/16) | 382.6 (15-1/8) | 266.5 (10-1/2) | 1378 (54-1/4) | 737 (29-1/16) | 953.5 (37-9/16) | 792 (31-3/16) | 461 (18-3/16) | ø15.88 (5/8) | ø8.52 (3/8) | |
| PVFY-P24NAMU-E | 635 (25) | 579 (22-13/16) | 484.6 (19-1/8) | 317.5 (12-1/2) | 1511 (59-1/2) | 798.5 (31-7/16) | 1053 (41-1/2) | 853.5 (33-5/8) | 563 (22-3/16) | | | |

