

| | |
|-------------------|-------|
| Job Name: | |
| System Reference: | Date: |



PVFY-P24NAMU-E1

GENERAL FEATURES

- Multi-position design is suitable for any application requires no additional kits, even for downflow configuration
- Dual set point functionality
- 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
- Optional relay kit provides functionality for two stage auxiliary heat (1 kit per stage), humidifier integration, or other custom applications
- 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

ACCESSORIES:

- Relay Kit.....CN24RELAY-KIT-CM3
- Fan Speed Indication Adapter.....PAC-735
- Electric Heat Kit.....for details see Electric Heat Kit Submittal

SPECIFICATIONS:

| Capacity* | | |
|-----------|-------|--------|
| Cooling | Btu/h | 24,000 |
| Heating | Btu/h | 27,000 |

* 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 lbs. (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 | 515 - 625 - 735 |
| 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) | 3/8 (9.52) Brazed |
| Gas (Low Pressure) | In.(mm) | 5/8 (15.88) Brazed |

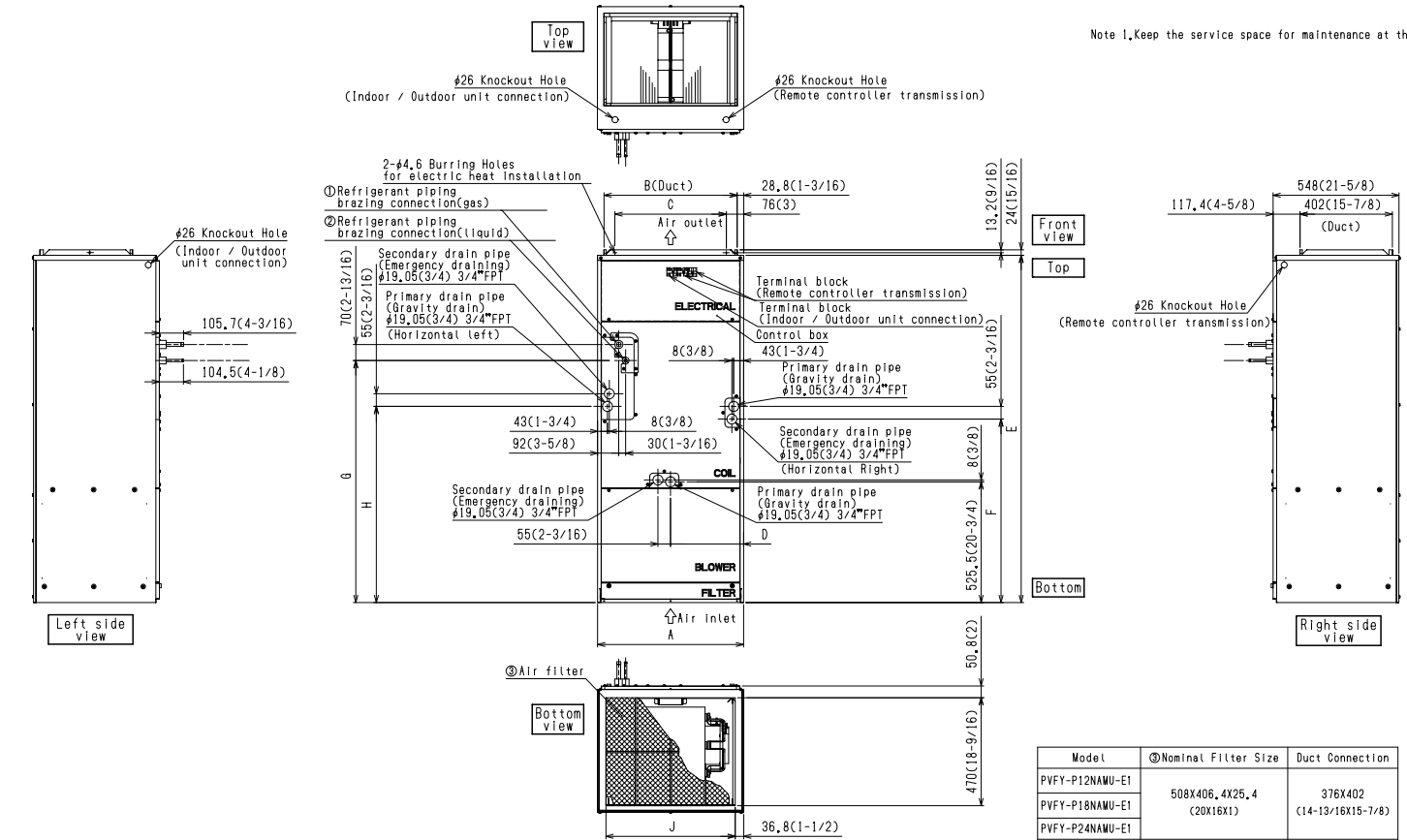
| | | |
|------------------------------|---------|-----------------|
| Field Drain Pipe Size | In.(mm) | FPT 3/4 (19.05) |
|------------------------------|---------|-----------------|

| Sound Data (Low - Mid - High) (measured in anechoic room) | | |
|--|-------|--------------|
| Sound Pressure Level | dB(A) | 30 - 34 - 38 |

Model: PVFY-P24NAMU-E1 – DIMENSIONS

Units: mm (in.)

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



| Model | A | B | C | D | E | F | G | H | J | ①Gas pipe | ②Liquid pipe |
|-----------------|------|------------|----------|----------|----------|------------|-----------|-----------|-----------|-----------------|----------------|
| PVFY-P12NAMU-E1 | 432 | 376 | 281 | 224 | 1275 | 680 | 823 | 735,5 | 360 | ①12,7 (1/2) | ②6,35 (1/4) |
| PVFY-P18NAMU-E1 | (17) | (14-13/16) | (11-1/8) | (8-7/8) | (50-1/4) | (26-13/16) | (32-7/16) | (29) | (14-3/16) | | |
| PVFY-P24NAMU-E1 | | | | | | | | | | | |
| PVFY-P30NAMU-E1 | 534 | 477 | 382,6 | 266,5 | 1378 | 737 | 953,5 | 792 | 461 | ①15,88 (5/8) | ②9,52 (3/8) |
| PVFY-P36NAMU-E1 | (21) | (18-13/16) | (15-1/8) | (10-1/2) | (54-1/4) | (29-1/16) | (37-9/16) | (31-3/16) | (18-3/16) | | |
| PVFY-P48NAMU-E1 | 635 | 579 | 484,6 | 317,5 | 1511 | 798,5 | 1053 | 853,5 | 563 | | |
| PVFY-P54NAMU-E1 | (25) | (22-13/16) | (19-1/8) | (12-1/2) | (59-1/2) | (31-7/16) | (41-1/2) | (33-5/8) | (22-3/16) | | |

| Model | ③Nominal Filter Size | Duct Connection |
|-----------------|-------------------------------|------------------------------|
| PVFY-P12NAMU-E1 | 508X406, 4X25, 4 (20X16X1) | 376X402 (14-13/16X15-7/8) |
| PVFY-P18NAMU-E1 | | |
| PVFY-P24NAMU-E1 | | |
| PVFY-P30NAMU-E1 | 508X508X25, 4 (20X20X1) | 477X402 (18-13/16X15-7/8) |
| PVFY-P36NAMU-E1 | | |
| PVFY-P48NAMU-E1 | 508X609, 6X25, 4 (20X24X1) | 579X402 (22-13/16X15-7/8) |
| PVFY-P54NAMU-E1 | | |



COOLING & HEATING

1340 Satellite Boulevard, Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

