# CITY MULTI

## Model: PUHY-EP216TNU-A(-BS)

Job Name:

Schedule Reference:

Date:

### UNIT OPTION

- ☐ Standard Model ..... PUHY-EP216TNU-A
- ☐ Seacoast (BS) Model ..... PUHY-EP216TNU-A-BS

*Minimum Operating Temperature*
*Heating (Outdoor): -25°F (-32°C) WB*
*Below -22°F (-30°C) WB, an auxiliary heating source is highly recommended.*

### ACCESSORIES

- ☐ Snow/Wind Guards - (See CM_PAB_100_20_006)
- ☐ Panel Heater - (PAC-PH03EHYU-E1) (x1)

**Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit(s). Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will affect warranty coverage.**

| Outdoor Model | | | | PUHY-EP216TNU-A (-BS) | |
|---|---|---|---|---|---|
| Indoor Model | | | | Non-Ducted | Ducted |
| Power source | | | | 3-phase 3-wire 208-230 V ±10% 60 Hz | |
| Cooling capacity *1 (Nominal) | | | BTU/h | 216,000 | |
| | | | kW | 63.3 | |
| | (208-230) | Power input | kW | 18.33 | |
| | (208-230) | Current input | A | 56.5-51.1 | |
| | (Rated) | | BTU/h | 206,000 | |
| | (Rated) | | kW | 60.4 | |
| | (208-230) | Power input | kW | 16.83 | 17.12 |
| | (208-230) | Current input | A | 51.9-46.9 | 52.8-47.7 |
| Temp. range of cooling | | Indoor | W.B. | 59~75°F (15~24°C) | |
| | | Outdoor | D.B. | 23~126°F (-5~52°C) | |
| Heating capacity *2 (Nominal) | | | BTU/h | 243,000 | |
| | | | kW | 71.2 | |
| | (208-230) | Power input | kW | 20 | |
| | (208-230) | Current input | A | 61.6-55.7 | |
| | (Rated) | | BTU/h | 232,000 | |
| | (Rated) | | kW | 68 | |
| | (208-230) | Power input | kW | 17.79 | 19.24 |
| | (208-230) | Current input | A | 54.8-49.6 | 59.3-53.6 |
| Temp. range of heating | | Indoor | D.B. | 59~81°F (15~27°C) | |
| | | Outdoor | W.B. | -13~60°F (-25~15.5°C) | |
| Indoor unit connectable | | Total capacity | | 50~130% of outdoor unit capacity | |
| | | Model/Quantity | | P05~P96/2~46 | |
| Sound pressure level (measured in anechoic room) *3, 4 | | | dB <A> | 66.5/67.5 | |
| Sound power level (measured in anechoic room) *3 | | | dB <A> | 85.5/86.5 | |
| Refrigerant piping diameter | | Liquid pipe | in. (mm) | 5/8 (15.88) Brazed | |
| | | Gas pipe | in. (mm) | 1-1/8 (28.58) Brazed | |
| Minimum Circuit Ampacity (*) | | | A | 71-65 | |
| Maximum Overcurrent Protection (*) | | | A | 110-110 | |
| FAN | | Type x Quantity | | Propeller fan x 2 | |
| | | Airflow rate | cfm | 14,100 | |
| | | Airflow rate | m3/min | 400 | |
| | | Control, Driving mechanism | | Inverter-control, Brushless DC motor | |
| | | Motor output | kW | 0.92+0.92 | |
| | *5 | External static press. | | 0 in.WG (0 Pa) | |
| Compressor | | Type x Quantity | | Inverter scroll hermetic compressor x 1 | |
| | | Starting method | | Inverter | |
| | | Motor output | kW | 15.5 x 1 | |
| | | Case heater | kW | - | |
| | | Lubricant | | MEL32 | |
| External finish | | | | Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1> | |
| External dimension H x W x D | | | in. | 71-5/8 x 68-15/16 x 29-3/16 | |
| | | | mm | 1,818 x 1,750 x 740 | |
| Protection devices | | High pressure protection | | High pressure sensor, High pressure switch at 4.15 MPa (601 psi) | |
| | | Inverter circuit (COMP./FAN) | | Over-current protection | |
| | | Fan motor | | - | |
| Refrigerant | | Type x original charge | | R410A x 26 lbs + 1 oz (11.8 kg) | |
| | | Control | | LEV and HIC circuit | |
| Net weight | | | lbs (kg) | 874 (396) | |
| Heat exchanger | | | | Salt-resistant cross fin & aluminium tube | |
| HIC circuit (HIC: Heat Inter-Changer) | | | | Copper pipe, tube-in-tube structure | |
| Defrosting method | | | | Auto-defrost mode (Reversed refrigerant cycle) | |
| Optional parts | | | | Joint: CMY-Y102SS/102LS-G2,CMY-Y202S/302S-G2<br>Header: CMY-Y104/108/1010C-G | |

Notes:
1. Cooling conditions (Test conditions are based on AHRI 1230)
   Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2. Heating conditions (Test conditions are based on AHRI 1230)
   Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3. Cooling mode/Heating mode
4. The sound pressure level measured by the conventional method in JIS for reference purpose.
5. External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa, 80 Pa).

Specifications are subject to change without notice.

* All electrical work shall comply with National (CEC) and local codes and regulations.

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# Module: PUHY-EP216TNU-A(-BS) - DIMENSIONS

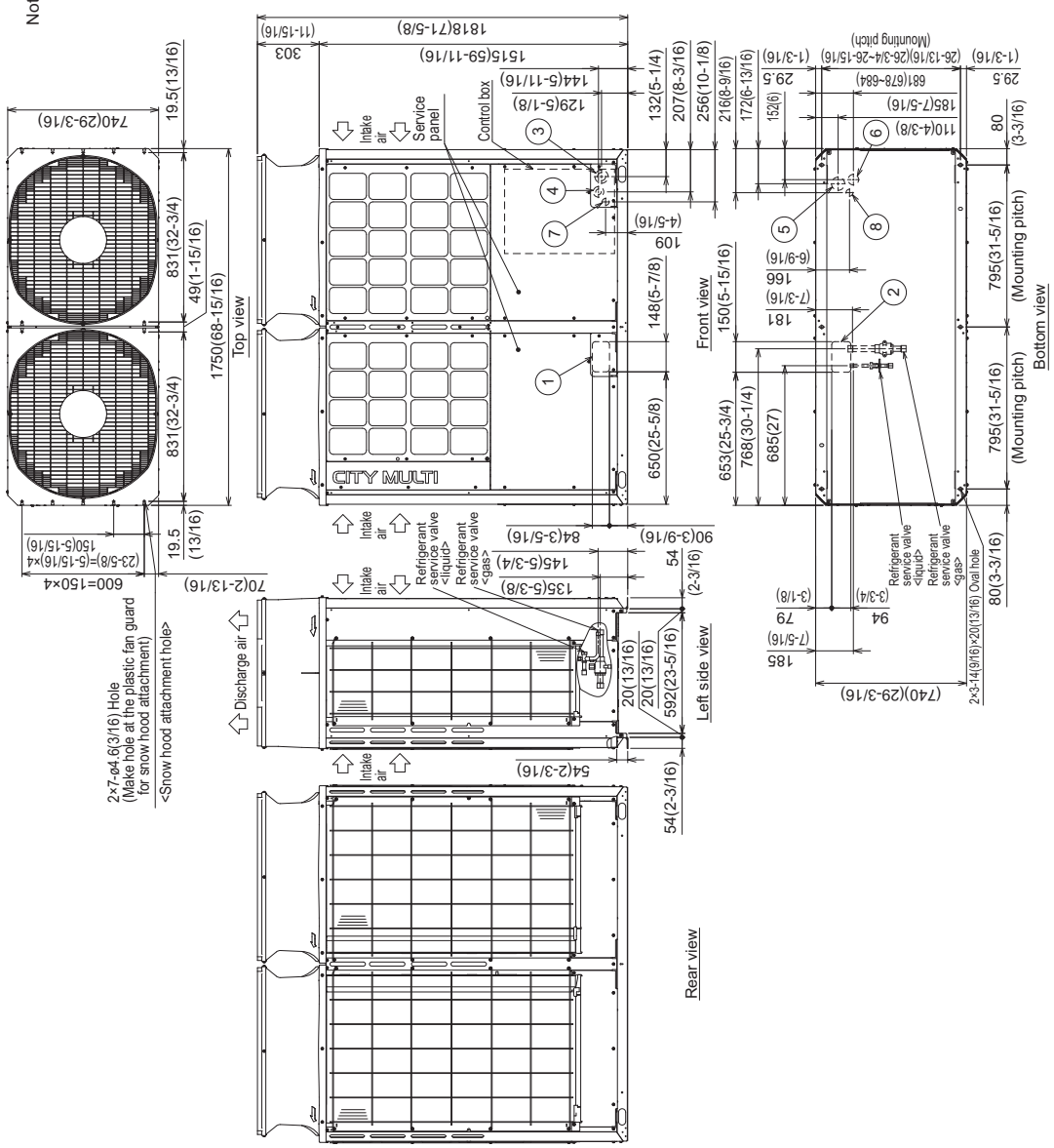
Unit: mm (in.)

Note 1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

| Model | Diameter | | | |
|---|---|---|---|---|
| | Refrigerant pipe | | Service valve | |
| | Liquid | Gas | Liquid | Gas |
| EP216 | ø15.88(5/8) Brazed | ø28.58(1-1/8) Brazed | ø15.88(5/8) | ø28.58(1-1/8) |
| EP240 | | | | |

| NO. | Usage | | Specifications |
|---|---|---|---|
| ① | For pipes | Front through hole | 148(5-7/8) × 84(3-5/16) Knockout hole |
| ② | | Bottom through hole | 150(5-15/16) × 94(3-3/4) Knockout hole |
| ③ | For wires | Front through hole | ø62.7(2-1/2) or ø34.5(1-3/8) Knockout hole |
| ④ | | Front through hole | ø43.7(1-3/4) or ø22.2(7/8) Knockout hole |
| ⑤ | | Bottom through hole | ø65(2-9/16) Knockout hole |
| ⑥ | | Bottom through hole | ø52(2-1/16) Knockout hole |
| ⑦ | For transmission cables | Front through hole | ø34(1-3/8) Knockout hole |
| ⑧ | | Bottom through hole | ø34(1-3/8) Knockout hole |

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