CITYMULTI®

# 16-TON PUHY-EP192TNU-A(-BS)

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

Job Name:

System Reference: Date:

## 208/230V OUTDOOR VRF HEAT PUMP SYSTEM



## UNIT OPTION

☑ Standard Model ..... PUHY-EP192TNU-A

☑ Seacoast (BS) Model ..... PUHY-EP192TNU-A-BS

## ACCESSORIES

☑ Big Foot Stand ..... for details see Big Foot Stands submittals

☑ Header Kit ..... for details see Pipe Accessories Submittal

☑ Joint Kit ..... for details see Pipe Accessories Submittal

☑ Low Ambient Kit ..... for details see Low Ambient Kit Submittal

☑ Panel Heater Kit ..... for details see Panel Heater Kit Submittal

☑ Snow/Hail Guards Kit ..... for details see Snow/Hail Guards Kit Submittal

| Specifications | | | System |
|---|---|---|---|
| Unit Type | | | PUHY-EP192TNU-A(-BS) |
| Cooling Capacity (Nominal) | | BTU/H | 192,000 |
| Heating Capacity (Nominal) | | BTU/H | 215,000 |
| Guaranteed Operating Range | Cooling | °F [°C] | 23~126 [-5.0~52.0] |
| | Heating | °F [°C] | -13~60 [-25.0~15.5] |
| Extended Operating Range | Heating | °F [°C] | -27.4~60 [-33.0~15.5] |
| External Dimensions (H x W x D) | | In. [mm] | 71-5/8 x 68-15/16 x 29-3/16 [1,818 x 1,750 x 740] |
| Net Weight | | Lbs. [kg] | 757 [343] |
| External Finish | | | Pre-coated galvanized steel sheet (+powder coating for -BS type) [MUNSELL 3Y 7.8/1.1 or similar] |
| Electrical Power Requirements | Voltage, Phase, Hertz, Power Tolerance | | 208/230V, 3-phase, 60 Hz, ±10% |
| Minimum Circuit Ampacity | | A | 70.0/70.0 |
| Maximum Overcurrent Protection | | A | 110/110 |
| Recommended Fuse Size | | A | 80/80 |
| Recommended Minimum Wire Size | | AWG [mm] | 2/2 [33.6/33.6] |
| SCCR | | kA | 5 |
| Refrigerant Piping Diameter | Liquid (High Pressure) | In. [mm] | 5/8 [15.88] Brazed |
| | Gas (Low Pressure) | In. [mm] | 1-1/8 [28.58] Brazed |
| Max. Total Refrigerant Line Length | | Ft. | 3,280 |
| Max. Refrigerant Line Length (Between ODU & IDU) | | Ft. | 541 |
| Max. Control Wiring Length | | Ft. | 1,640 |
| Indoor Unit Connectable | Total Capacity | | 50.0~130.0% of outdoor unit capacity |
| | Model/Quantity | | P04~P96/1.0~48.0 |
| Sound Pressure Levels | | dB(A) | 61.5/63.5 |
| Sound Power Levels | | dB(A) | 80.0/80.5 |
| FAN[4] | Type x Quantity | | Propeller fan x 2 |
| | Fan Motor Output | kW | 0.92+0.92 |
| | Airflow Rate | CFM | 12,700 |
| | External Static Pressure | In. WG | Selectable; 0.00, 0.12, 0.24, 0.32, In. WG; factory set to 0 In. WG |
| Compressor Operating Range | | | 15.0% to 100.0% |
| Compressor | Type x Quantity | | Inverter scroll hermetic compressor x 1 |
| Refrigerant | Type x Original Charge | | R410A x 23.0 lbs + 12.0 oz [10.8 kg] |
| Protection Devices | High Pressure Protection | | High pressure sensor, High pressure switch at 4.15 MPa (601 psi) |
| | Inverter Circuit (Comp./Fan) | | Over-current protection |
| AHRI Ratings (Ducted/Non-ducted) | EER | | 10.7/11.7 |
| | IEER | | 23.1/30.0 |
| | COP | | 3.51/4.04 |

NOTES:
Nominal cooling conditions (Test conditions are based on AHRI 1230-2014) Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
Nominal heating conditions (Test conditions are based on AHRI 1230-2014) Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)

[1]Harsh weather environments may demand performance enhancing equipment. Ask your Mitsubishi Electric representative for more details about your region
[2]For details on extended cooling operation range down to -10° F DB, see Low Ambient Kit Submittal
[3]When applying product below -4°F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating
[4]Unit will continue to operate in extended operating range, but capacity is not guaranteed

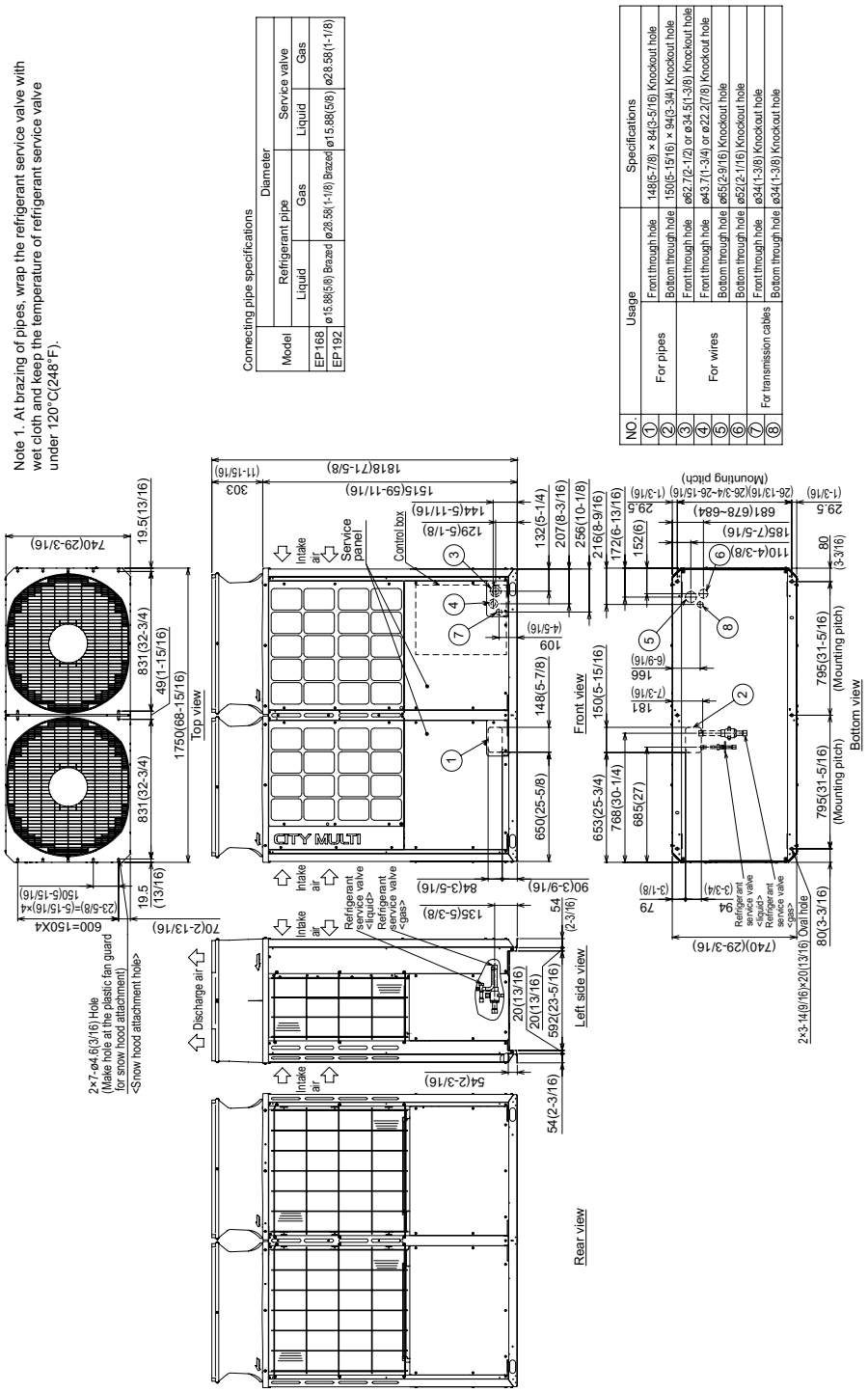
Specifications are subject to change without notice.

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# OUTDOOR UNIT: PUHY-EP192TNU-A(-BS) – DIMENSIONS

PUHY-EP168, 192TNU-A(-BS)

Unit: mm (in.)




NOTES:
SEACOAST PROTECTION
Anti-corrosion Protection: A coating treatment is applied to condenser coil for protection from air contaminants.
Standard: Salt Spray Test Method - no unusual rust development to 480 hours.
Sea Coast (BS): Salt Spray Test Method (JRA 9002) - no unusual rust development to 960 hours.

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