

# SMMSu VRF u-Series Outdoor Unit MMY-MUP1441HT9P-UL—Heat Pump

**TOSHIBA**  
*Carrier*

## Submittal Data

Job Name \_\_\_\_\_ Location \_\_\_\_\_

Tag \_\_\_\_\_



A230327

### SMMSu VRF Heat Pump Features

- Energy-efficient priority design
- Super-efficient heat exchanger
- Refrigerant cooling inverter system
- Intelligent VRF control
- Less refrigerant
- Space efficient design
- Configuration flexibility
- Wider Operating temperature range
- Comprehensive System construction solution
- Comprehensive Service solution

|                                      |         |                    |
|--------------------------------------|---------|--------------------|
| Header Unit Model                    |         | MMY-MUP1441HT9P-UL |
| <b>PERFORMANCE</b>                   |         |                    |
| Nominal Cooling Capacity†            | Btu/h   | 144,000            |
| Nominal Heating Capacity†            | Btu/h   | 162,000            |
| Maximum number of indoor units       |         | 25                 |
| Total Connected Indoor Unit Capacity |         | 288                |
| <b>COOLING EFFICIENCY†</b>           |         |                    |
| EER (Non-Ducted)                     | Btu/Wh  | 12.0               |
| Power Consumption (Non-Ducted)       | kW      | 11.48              |
| EER (Ducted)                         | Btu/Wh  | 13.4               |
| Power Consumption (Ducted)           | kW      | 10.23              |
| <b>HEATING EFFICIENCY†</b>           |         |                    |
| COP (Non-Ducted)                     | Btu/Wh  | 4.0                |
| Power Consumption (Non-Ducted)       | kW      | 11.17              |
| COP (Ducted)                         | Btu/Wh  | 4.0                |
| Power Consumption (Ducted)           | kW      | 11.23              |
| <b>FAN</b>                           |         |                    |
| Fan Type                             |         | Propeller          |
| Airflow                              | CFM     | 8650               |
| Motor Output                         | kW      | 0.43 x 2           |
| <b>ELECTRICAL</b>                    |         |                    |
| Power Supply                         | V/Ph/Hz | 230/3/60           |
| MCA                                  | A       | 51.5               |
| MOCP                                 | A       | 70                 |

|   |     |                          |
|---|-----|--------------------------|
| <b>COMPRESSORS</b>                            |     |                          |
| Type (Number)                                 |     | Hermetic Twin Rotary (1) |
| Motor Output                                  | kW  | 9.7                      |
| <b>PHYSICAL DATA</b>                          |     |                          |
| Pipe Connection Size - Liquid (High Pressure) | in. | 5/8 (Brazeing)           |
| Pipe Connection Size - Gas (Low Pressure)     | in. | 1-1/8 (Brazeing)         |
| Refrigerant                                   |     | R-410A                   |
| Factory Charge††                              | lb  | 19.8                     |
| External Finish                               |     | Munsell 1Y8.5/0.5        |
| Unit Width                                    | in. | 51.4                     |
| Unit Height                                   | in. | 66.5                     |
| Unit Depth                                    | in. | 31.1                     |
| Unit Net Weight (Non-Ducted)                  | lb  | 725                      |

### LEGEND

|             |   |                                |
|-------------|---|--------------------------------|
| <b>EER</b>  | — | Energy Efficiency Ratio        |
| <b>COP</b>  | — | Coefficient of Performance     |
| <b>MCA</b>  | — | Minimum Circuit Amps           |
| <b>MOCP</b> | — | Maximum Overcurrent Protection |

†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.

Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db

Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

††Additional charge required.

## ( Unit:in(mm))

