

# SMMSu VRF u-Series Outdoor Unit MMY-MUP120H1HT9P-UL—Heat Pump (Elite Heat)

**TOSHIBA**  
*Carrier*

## Submittal Data

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

Tag \_\_\_\_\_



A230327

### SMMSu VRF Heat Pump (Elite Heat) 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-MUP120H1HT9P-UL	
PERFORMANCE			
Nominal Cooling Capacity†		Btu/h	120,000
Nominal Heating Capacity†		Btu/h	135,000
Maximum number of indoor units			21
Total Connected Indoor Unit Capacity			240
COOLING EFFICIENCY†			
EER (Non-Ducted)		Btu/Wh	11.20
Power Consumption (Non-Ducted)		kW	9.49
EER (Ducted)		Btu/Wh	12.00
Power Consumption (Ducted)		kW	8.26
HEATING EFFICIENCY†			
COP (Non-Ducted)		Btu/Wh	4.13
Power Consumption (Non-Ducted)		kW	8.90
COP (Ducted)		Btu/Wh	3.92
Power Consumption (Ducted)		kW	8.71
FAN			
Fan Type			Propeller
Airflow		CFM	7415
Motor Output		kW	0.38 x 2
ELECTRICAL			
Power Supply		V/Ph/Hz	208-230/3/60
MCA		A	53.1
MOCP		A	60

<b>COMPRESSORS</b>		
Type (Number)	Hermetic Triple Rotary (1)	
Motor Output	kW	7.67
<b>PHYSICAL DATA</b>		
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Brazing)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazing)
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	lb	778

### 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) 1230 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))

