

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
PERFORMANCE		
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
COOLING EFFICIENCY†		
EER (Non-Ducted)	Btu/Wh	11.10
Power Consumption (Non-Ducted)	kW	12.10
EER (Ducted)	Btu/Wh	11.40
Power Consumption (Ducted)	kW	10.55
HEATING EFFICIENCY†		
COP (Non-Ducted)	Btu/Wh	3.93
Power Consumption (Non-Ducted)	kW	11.17
COP (Ducted)	Btu/Wh	3.64
Power Consumption (Ducted)	kW	10.84
FAN		
Fan Type		Propeller
Airflow	CFM	8650
Motor Output	kW	0.43 x 2
ELECTRICAL		
Power Supply	V/Ph/Hz	230/3/60
MCA	A	51.5
MOCP	A	70

COMPRESSORS

Type (Number)		Hermetic Triple Rotary (1)
Motor Output	kW	9.69

PHYSICAL DATA

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

EER	—	Energy Efficiency Ratio
COP	—	Coefficient of Performance
MCA	—	Minimum Circuit Amps
MOCP	—	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))

