

SMMSu VRF u-Series Outdoor Unit MMY-UP288H1HT9P-UL—Heat Pump (Elite Heat)

TOSHIBA
Carrier

Submittal Data

Job Name _____ Location _____

Tag _____



A230331

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-UP288H1HT9P-UL
Outdoor Unit Model Name	MUP096H1HT9P-UL + MUP096H1HT9P-UL + MUP096H1HT9P-UL

PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	288,000
Nominal Heating Capacity†	Btu/h	324,000
Maximum number of indoor units		51
Total Connected Indoor Unit Capacity		432

COOLING EFFICIENCY†		
EER (Non-Ducted)	Btu/Wh	11.00
Power Consumption (Non-Ducted)	kW	23.53
EER (Ducted)	Btu/Wh	11.20
Power Consumption (Ducted)	kW	21.48

HEATING EFFICIENCY†		
COP (Non-Ducted)	Btu/Wh	3.82
Power Consumption (Non-Ducted)	kW	22.95
COP (Ducted)	Btu/Wh	4.08
Power Consumption (Ducted)	kW	20.10

FAN		
Fan Type		Propeller
Airflow	CFM	7770 + 7770 + 7770
Motor Output	kW	0.33 x 2 + 0.33 x 2 + 0.33 x 2

ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/3/60
MCA	A	52.3 + 52.3 + 52.3
MOCP	A	60.0 + 60.0 + 60.0

COMPRESSORS				
Type (Number)	Hermetic Triple Rotary (3)			
Motor Output	kW	6.3 + 6.3 + 6.3		
PHYSICAL DATA				
Pipe Connection Size - Liquid (High Pressure)	in.	1/2 (Brazeing)	1/2 (Brazeing)	1/2 (Brazeing)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazeing)	1-1/8 (Brazeing)	1-1/8 (Brazeing)
Refrigerant		R-410A		
Factory Charge††	lb	19.8 + 19.8 + 19.8		
External Finish		Munsell 1Y8.5/0.5		
Unit Width	in.	51.4 + 51.4 + 51.4		
Unit Height	in.	66.5 + 66.5 + 66.5		
Unit Depth	in.	31.1 + 31.1 + 31.1		
Unit Net Weight	lb	725 + 725 + 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.

Three units connected

Note

- If there is an obstacle at the upper side of the outdoor unit, set the top end of the outdoor unit 78.7in(2000mm) apart from the obstacle.
- Draw out the pipe procured locally to the front of the outdoor unit horizontally, and keep 19.7in(500mm) or more between the outdoor unit and traversing pipe if placing pipe transversely.
- Arrange each outdoor unit in order of its capacity.
(Header unit ① ≥ Follower unit ② ≥ Follower unit ③)

When the obstacle exceeds the specified value

Unit in (mm)

Model name	① Header unit	② Follower unit	③ Follower unit
MMY-UP288H1HT6PUL	MMY-MUP098H1HT6PUL	MMY-MUP098H1HT6PUL	MMY-MUP098H1HT6PUL

