

SMMSu VRF u-Series Outdoor Unit MMY-MUP096H1HT6P-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-MUP096H1HT6P-UL
PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	96,000
Nominal Heating Capacity†	Btu/h	108,000
Maximum number of indoor units		17
Total Connected Indoor Unit Capacity		192
COOLING EFFICIENCY†		
EER (Non-Ducted)	Btu/Wh	12.10
Power Consumption (Non-Ducted)	kW	6.98
EER (Ducted)	Btu/Wh	11.80
Power Consumption (Ducted)	kW	6.96
HEATING EFFICIENCY†		
COP (Non-Ducted)	Btu/Wh	4.49
Power Consumption (Non-Ducted)	kW	6.51
COP (Ducted)	Btu/Wh	4.22
Power Consumption (Ducted)	kW	6.49
FAN		
Fan Type		Propeller
Airflow	CFM	7770
Motor Output	kW	0.33 x 2
ELECTRICAL		
Power Supply	V/Ph/Hz	460/3/60
MCA	A	24.9
MOCP	A	30

COMPRESSORS		
Type (Number)	Hermetic Triple Rotary (1)	
Motor Output	kW	6.3
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	1/2 (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	721

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.

Note)
 1. 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.
 2. 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.

Dimensions and Labels:

- Top View:**
 - Overall width: 66.5" (1690)
 - Overall height: 30.7" (780)
 - Distance from top edge to inspection door: 2.38" (60)
 - Distance from top edge to gas pipe connection: 2.38" (60)
 - Distance from top edge to liquid pipe connection: 2.38" (60)
 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
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 - Distance from top edge to liquid pipe connection (cutting position): 2.95" (75)
- Front View:**
 - Overall height: 47.8" (1215)
 - Distance from top edge to inspection door: 2.38" (60)
 - Distance from top edge to gas pipe connection: 2.38" (60)
 - Distance from top edge to liquid pipe connection: 2.38" (60)
 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
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- Side View:**
 - Overall width: 47.8" (1215)
 - Distance from top edge to inspection door: 2.38" (60)
 - Distance from top edge to gas pipe connection: 2.38" (60)
 - Distance from top edge to liquid pipe connection: 2.38" (60)
 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
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 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
 - Distance from top edge to liquid pipe connection (cutting position): 2.95" (75)
- Bottom View:**
 - Overall width: 47.8" (1215)
 - Distance from top edge to inspection door: 2.38" (60)
 - Distance from top edge to gas pipe connection: 2.38" (60)
 - Distance from top edge to liquid pipe connection: 2.38" (60)
 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
 - Distance from top edge to liquid pipe connection (cutting position): 2.95" (75)
 - Distance from top edge to gas pipe connection (cutting position): 2.95" (75)
 - Distance from top edge to liquid pipe connection (cutting position): 2.95" (75)

Model Name: MUP096 Type A/B
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A230330

