

# SMMSu VRF u-Series Outdoor Unit MMY-UP4321HT6P-UL—Heat Pump

**TOSHIBA**  
*Carrier*

## Submittal Data

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

Tag \_\_\_\_\_



A230331

### 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-UP4321HT6P-UL
Outdoor Unit Model Name		MUP1681HT6P-UL + MUP1681HT6P-UL + MUP0961HT6P-UL
<b>PERFORMANCE</b>		
Nominal Cooling Capacity†	Btu/h	432,000
Nominal Heating Capacity†	Btu/h	486,000
Maximum number of indoor units		72
Total Connected Indoor Unit Capacity		648
<b>COOLING EFFICIENCY†</b>		
EER (Non-Ducted)	Btu/Wh	10.00
Power Consumption (Non-Ducted)	kW	40.10
EER (Ducted)	Btu/Wh	9.87
Power Consumption (Ducted)	kW	37.78
<b>HEATING EFFICIENCY†</b>		
COP (Non-Ducted)	Btu/Wh	3.45
Power Consumption (Non-Ducted)	kW	39.60
COP (Ducted)	Btu/Wh	3.48
Power Consumption (Ducted)	kW	36.46
<b>FAN</b>		
Fan Type		Propeller
Airflow	CFM	8670 + 8670 + 6180
Motor Output	kW	0.73 x 2 + 0.73 x 2 + 0.59 x 1
<b>ELECTRICAL</b>		
Power Supply	V/Ph/Hz	460/3/60
MCA	A	27.4 + 27.4 + 17.5
MOCP	A	40.0 + 40.0 + 20.0

COMPRESSORS				
Type (Number)		Hermetic Twin Rotary (1) + Hermetic Triple Rotary (2)		
Motor Output	kW	12.10 + 12.10 + 6.24		
PHYSICAL DATA				
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Braze)	5/8 (Braze)	1/2 (Braze)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Braze)	1-1/8 (Braze)	7/8 (Braze)
Refrigerant		R-410A		
Factory Charge††	lb	19.8 + 19.8 + 13.2		
External Finish		Munsell 1Y8.5/0.5		
Unit Width	in.	51.4 + 51.4 + 39.6		
Unit Height	in.	66.5 + 66.5 + 66.5		
Unit Depth	in.	31.1 + 31.1 + 31.1		
Unit Net Weight	lb	774 + 774+ 533		

### 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.

# OUTDOOR UNIT HEAT PUMP MMY-UP4321HT6P-UL DIMENSIONAL DRAWING

