## SMMSu VRF u-Series Outdoor Unit MMY-UP2401HT9P-UL—Heat Pump



## **Submittal Data**

Job Name		Location
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Tag



A230331

TOSHIBA Carrier	Carrier
SMMSu	<u>SMMSu</u>
Unit Model	MMY-UP2401HT9P-
or Unit Model Name	MUP1441HT9P-UL MUP0961HT9P-U
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<b>SMMSu</b>	<b>VRF</b>	Heat	Pump	<b>Features</b>
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- · 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-UP2401HT9P-UL		
Outdoor Unit Model Name		MUP1441HT9P-UL + MUP0961HT9P-UL	
PERFORMANCE			
Nominal Cooling Capacity†	Btu/h	240,000	
Nominal Heating Capacity†	Btu/h	270,000	
Maximum number of indo	43		
Total Connected Indoor Unit Capacity		360	
COOLING EFFICIENCY†			
EER (Non-Ducted)	Btu/Wh	10.30	
Power Consumption (Non-Ducted)	kW	21.80	
EER (Ducted)	Btu/Wh	11.20	
Power Consumption (Ducted)	kW	22.23	
HEATING EFFICIENCY†			
COP (Non-Ducted)	Btu/Wh	3.99	
Power Consumption (Non-Ducted)	kW	18.39	
COP (Ducted)	Btu/Wh	3.88	
Power Consumption (Ducted)	kW	17.43	
FAN			
Fan Type		Propeller	
Airflow	CFM	8650 + 6180	
Motor Output kW		$0.43 \times 2 + 0.59 \times 1$	

FLEOTDIOAL				
ELECTRICAL		<u> </u>		
Power Supply	V/Ph/Hz	230/3/60		
MCA	Α	51.5 + 36.6		
MOCP	Α	70.0 + 45.0		
COMPRESSORS		11		
	Hermetic Twin Rotary (1)			
Type (Number)	+			
	Hermetic Twin Rotary (1)			
Motor Output	kW	9.69 -	+ 6.24	
PHYSICAL DATA				
Pipe Connection Size -	in.	5/8	1/2	
Liquid (High Pressure)	III.	(Brazing)	(Brazing)	
Pipe Connection Size -	in.	1-1/8	7/8	
Gas (Low Pressure)	III.	(Brazing)	(Brazing)	
Refrigerant		R-410A		
Factory Charge††	lb	19.8 -	+ 13.2	
External Finish	N	lunsell 1Y8.5	/0.5	
Unit Width	in.	51.4 + 39.6		
Unit Height	in.	66.5 + 66.5		
Unit Depth	in.	31.1 + 31.1		
Unit Net Weight	lb	725 + 521		

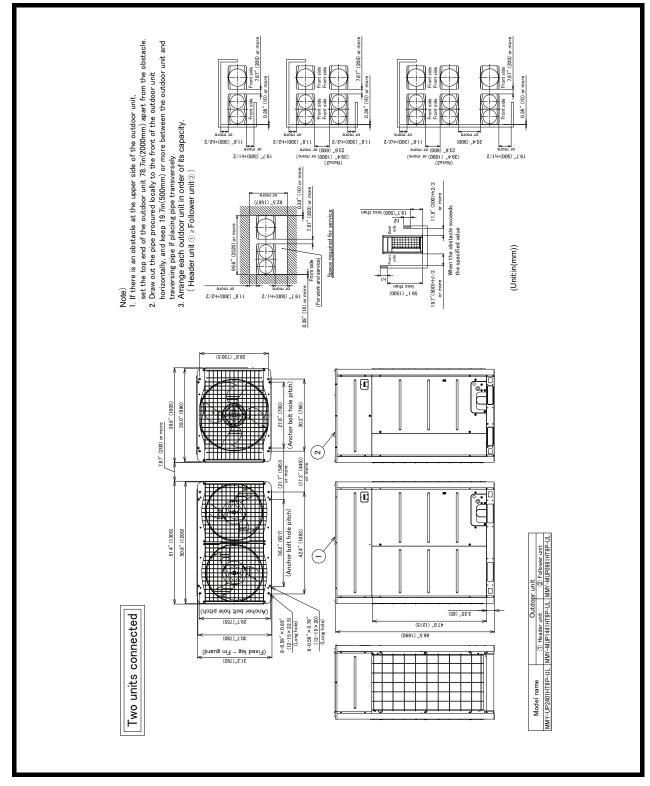
## **LEGEND**

FFD		F
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.

## **OUTDOOR UNIT HEAT PUMP MMY-UP2401HT9P-UL DIMENSIONAL DRAWING**



A23034

