SMMSu VRF u-Series Outdoor Unit MMY-UP4801HT9P-UL—Heat Pump

TOSHIBA Carrier

Submittal Data

Job Name

Tag



Location

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-UP4801HT9P-UL			
Outdoor Unit Model Name	MUP1681HT9P-UL + MUP1681HT9P-UL + MUP1441HT9P-UL			
PERFORMANCE				
Nominal Cooling Capacity†	Btu/h	480,000		
Nominal Heating Capacity†	Btu/h	540,000		
Maximum number of in	74			
Total Connected Indoor Capacity	720			
COOLING EFFICIENCY	ή			
EER (Non-Ducted)	Btu/Wh	9.97		
Power Consumption (Non-Ducted)	kW	44.50		
EER (Ducted)	Btu/Wh	9.50		
Power Consumption (Ducted)	kW	44.04		
HEATING EFFICIENCY	t	1		
COP (Non-Ducted)	Btu/Wh	3.20		
Power Consumption (Non-Ducted)	kW	45.88		
COP (Ducted)	Btu/Wh	3.23		
Power Consumption (Ducted)	kW	42.68		
FAN	4	1		
Fan Type		Propeller		
Airflow	CFM	8670 + 8670 + 8650		
Motor Output	kW	0.73 x 2 + 0.73 x 2+ 0.43 x 2		
ELECTRICAL				
Power Supply	V/Ph/Hz	230/3/60		
MCA	Α	57.4 + 57.4 + 51.5		
MOCP	Α	80.0 + 80.0 + 70.0		

COMPRESSORS						
Type (Number)		Hermetic Triple Rotary (3)				
Motor Output	kW	12.10 + 12.10 + 9.70				
PHYSICAL DATA						
Pipe Connection Size -	in.	5/8	5/8	5/8		
Liquid (High Pressure)		(Brazing)	(Brazing)	(Brazing)		
Pipe Connection Size -	in.	1-1/8	1-1/8	1-1/8		
Gas (Low Pressure)		(Brazing)	(Brazing)	(Brazing)		
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	778 + 778+ 725				

LEGEND

EER	_	Energy Efficiency Ratio
COP	_	Coefficient of Performant
MCA	_	Minimum Circuit Amps

Coefficient of Performance 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.

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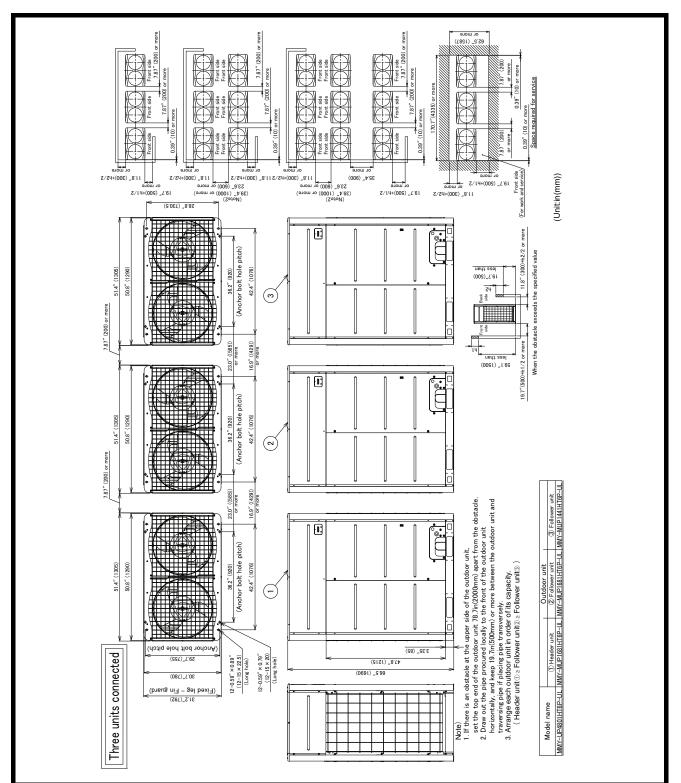
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OUTDOOR UNIT HEAT PUMP MMY-UP4801HT9P-UL **DIMENSIONAL DRAWING**



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Form No: MMY-UP4801HT9P-UL 02

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