SMMSu VRF u-Series Outdoor Unit MMY-UP3841HT9P-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-UP3841HT9P-UL		
Outdoor Unit Model		MUP1441HT9P-UL +		
Name	MUP1441HT9P-UL +			
Name		MUP0961HT9P-UL		
PERFORMANCE				
Nominal Cooling	Btu/h	384,000		
Capacity†	Dtu/II			
Nominal Heating	Btu/h	432,000		
Capacity†	Dlu/II			
Maximum number of in	69			
Total Connected Indoor Unit		576		
Capacity	Capacity			
COOLING EFFICIENCY	<u>′†</u>			
EER (Non-Ducted)	Btu/Wh	9.57		
Power Consumption	kW	35.67		
(Non-Ducted)				
EER (Ducted)	Btu/Wh	11.00		
Power Consumption	kW	29.49		
(Ducted)				
HEATING EFFICIENCY	†			
COP (Non-Ducted)	Btu/Wh	3.45		
Power Consumption	kW	34.07		
(Non-Ducted)	NVV			
COP (Ducted)	Btu/Wh	3.48		
Power Consumption	kW	31.72		
(Ducted)	L A A			
FAN				
Fan Type	Propeller			
Airflow	CFM	8650 + 8650 + 6180		
Motor Output	kW	0.43 x 2 + 0.43 x 2+ 0.59 x 1		
ELECTRICAL	•	·		
Power Supply	V/Ph/Hz	208-230/3/60		
MCA	A	51.5 + 51.5 + 36.6		
MOCP	Α	70.0 + 70.0 + 45.0		
		•		

COMPRESSORS

Type (Number)		Hermetic Twin Rotary (1)				
		+				
		Hermetic Triple Rotary (2)				
Motor Output	kW	9.69 + 9.69 + 6.24				
PHYSICAL DATA						
Pipe Connection Size -	in.	5/8	5/8	1/2		
Liquid (High Pressure)		(Brazing)	(Brazing)	(Brazing)		
Pipe Connection Size -	in.	1-1/8	1-1/8	7/8		
Gas (Low Pressure)		(Brazing)	(Brazing)	(Brazing)		
Refrigerant		R-410A				
Factory Charge++	lb	19.8	3 + 19.8 + 1	3.2		
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	725 + 725+ 521				

LEGEND

EER COP MCA	Ξ	Energy Efficiency Ratio 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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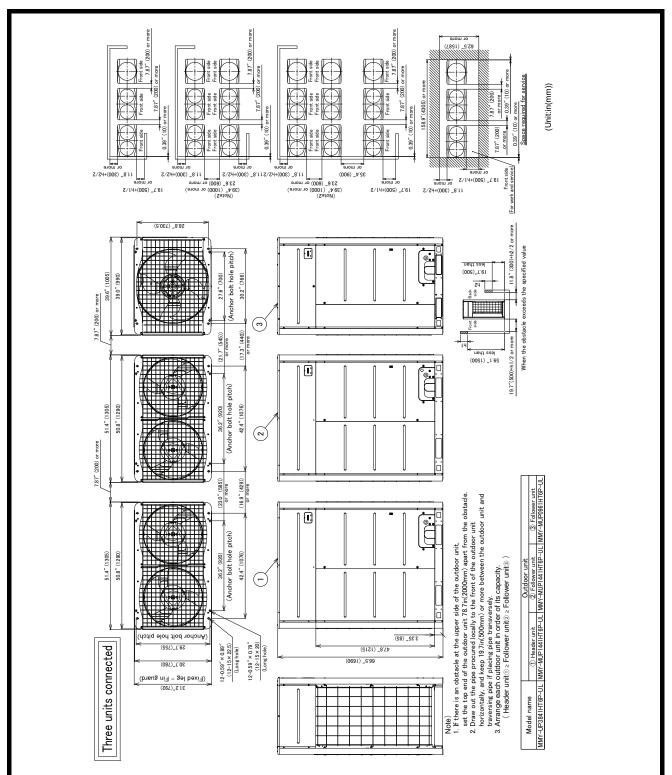
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OUTDOOR UNIT HEAT PUMP MMY-UP3841HT9P-UL DIMENSIONAL DRAWING



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