SMMSu VRF u-Series Outdoor Unit MMY-UP2641HT9P-UL—Heat Pump



Submittal Data

Job Name _____ Location____

Tag



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-UP2641HT9P-UL		
Outdoor Unit Model Name		MUP1681HT9P-UL + MUP0961HT9P-UL		
PERFORMANCE				
Nominal Cooling Capacity†	Btu/h	264,000		
Nominal Heating Capacity†	Btu/h	297,000		
Maximum number of indoor units		47		
Total Connected Indoor Unit Capacity		396		
COOLING EFFICIENCY†				
EER (Non-Ducted)	Btu/Wh	10.80		
Power Consumption (Non-Ducted)	kW	23.21		
EER (Ducted)	Btu/Wh	11.7		
Power Consumption (Ducted)		21.53		
HEATING EFFICIENCY†				
COP (Non-Ducted)	Btu/Wh	3.80		
Power Consumption (Non-Ducted)	kW	21.70		
COP (Ducted)	Btu/Wh	4.2		
Power Consumption (Ducted)	kW	19.72		
FAN				
Fan Type		Propeller		
Airflow	CFM	8670 + 6180		
Motor Output	kW	0.73 x 2 + 0.59 x 1		

ELECTRICAL					
Power Supply	V/Ph/Hz	230/3/60			
MCA (Ducted)	Α	57.4 + 36.6			
MOCP (Ducted)	Α	80.0 + 45.0			
COMPRESSORS					
Type (Number)	Hermetic Twin Rotary (1)				
Motor Output	kW	12.10 + 6.20			
PHYSICAL DATA					
Pipe Connection Size -	in.	5/8	1/2		
Liquid (High Pressure)	111.	(Brazing)	(Brazing)		
Pipe Connection Size -	in.	1-1/8	7/8		
Gas (Low Pressure)	111.	(Brazing)	(Brazing)		
Refrigerant		R-410A			
Factory Charge††	lb	19.8 + 13.2			
External Finish	Munsell 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	778 + 521			

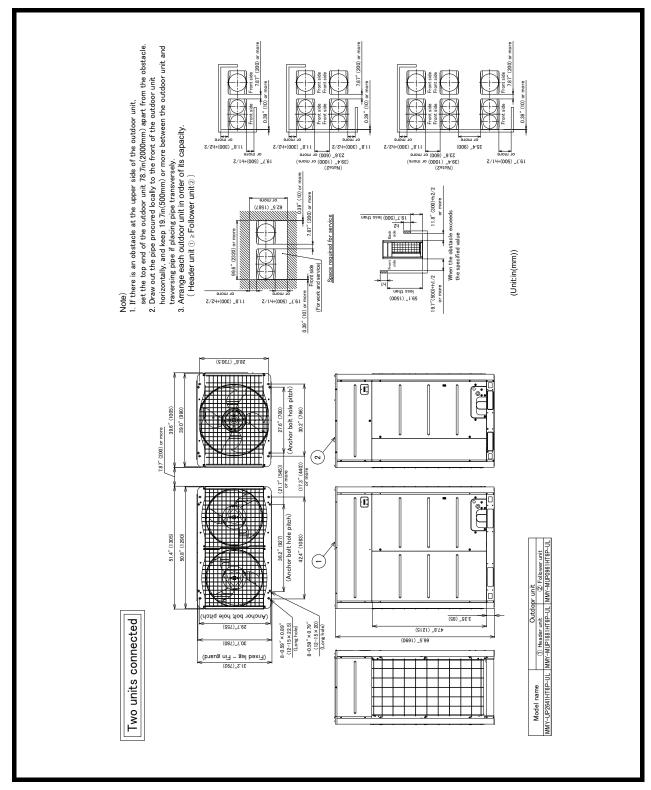
LEGEND

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) 210/240 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-UP2641HT9P-UL DIMENSIONAL DRAWING



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