SMMSu VRF u-Series Outdoor Unit MMY-UP2881HT9P-UL—Heat Pump



Submittal Data

Job Name	 Location	

Tag



20221

Header Unit Model	MMY-UP2881HT9P-UL			
Outdoor Unit Model Name	MUP1441HT9P-UL + MUP1441HT9P-UL			
PERFORMANCE	MUP 144 1H 19P-UL			
Nominal Cooling				
Capacity†	Btu/h	288,000		
Nominal Heating Capacity†	Btu/h	324,000		
Maximum number of indo	51			
Total Connected Indoor U Capacity	432			
COOLING EFFICIENCY†				
EER (Non-Ducted)	Btu/Wh	10.6		
Power Consumption (Non-Ducted)	kW	26.12		
EER (Ducted)	Btu/Wh	12.4		
Power Consumption (Ducted)	kW	22.34		
HEATING EFFICIENCY†				
COP (Non-Ducted)	Btu/Wh	3.7		
Power Consumption (Non-Ducted)	kW	24.33		
COP (Ducted)	Btu/Wh	4.2		
Power Consumption (Ducted)	kW	21.68		
FAN				
Fan Type		Propeller		
Airflow	CFM	8650 + 8650		
Motor Output	kW	0.43 x 2 + 0.43 x 2		
ELECTRICAL				
Power Supply	V/Ph/Hz	230/3/60		
MCA	Α	51.5 + 51.5		
MOCP	Α	70.0 + 70.0		

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

COMPRESSORS				
Type (Number)	Hermetic Twin Rotary (1)			
Motor Output	kW	9.70 + 9.70		
PHYSICAL DATA				
Pipe Connection Size -	in.	5/8	5/8	
Liquid (High Pressure)	111.	(Brazing)	(Brazing)	
Pipe Connection Size - Gas	in.	1-1/8	1-1/8	
(Low Pressure)	111.	(Brazing)	(Brazing)	
Refrigerant		R-410A		
Factory Charge††	lb	19.8 + 19.8		
External Finish	Munsell 1Y8.5/0.5			
Unit Width	in.	51.4 + 51.4		
Unit Height	in.	66.5 + 66.5		
Unit Depth	in.	31.1 +	+ 31.1	
Unit Net Weight	lb	725 +	- 725	

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.

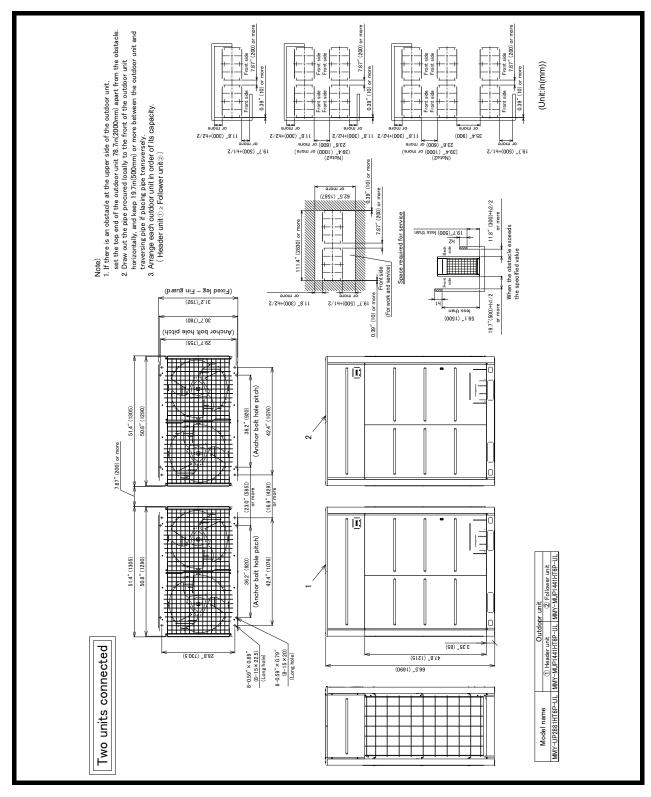
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OUTDOOR UNIT HEAT PUMP MMY-UP2881HT9P-UL DIMENSIONAL DRAWING



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