SMMSu VRF u-Series Outdoor Unit MMY-UP4081HT6P-UL—Heat Pump



Submittal Data

lob Name	Location

Tag



A 220221

Header Unit Model		MMY-UP4081HT6P-UL			
Outdoor Unit Model Name		MUP1681HT6P-UL + MUP1441HT6P-UL + MUP0961HT6P-UL			
PERFORMANCE					
Nominal Cooling Capacity†	Btu/h	408,000			
Nominal Heating Capacity†	Btu/h	459,000			
Maximum number of indoor units		70			
Total Connected Indoor Unit Capacity		612			
COOLING EFFICIENC	Y †				
EER (Non-Ducted)	Btu/Wh	10.6			
Power Consumption (Non-Ducted)	kW	36.91			
EER (Ducted)	Btu/Wh	11.7			
Power Consumption (Ducted)	kW	33.42			
HEATING EFFICIENCY†					
COP (Non-Ducted)	Btu/Wh	3.4			
Power Consumption (Non-Ducted)	kW	37.48			
COP (Ducted)	Btu/Wh	3.7			
Power Consumption (Ducted)	kW	34.26			
FAN					
Fan Type		Propeller			
Airflow	CFM	8670 + 8650 + 6180			
Motor Output	kW	0.73 x 2 + 0.43 x 2+ 0.59 x 1			
ELECTRICAL					
Power Supply	V/Ph/Hz	460/3/60			
MCA	Α	27.4 + 24.6 + 17.5			
MOCP	Α	40.0 + 35.0 + 20.0			

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

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COMPRESSORS				
Type (Number)		Hermetic Twin Rotary (1)		
Motor Output	kW	12.10 + 9.70 + 6.20		
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	13.2
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	774 + 721+ 533		

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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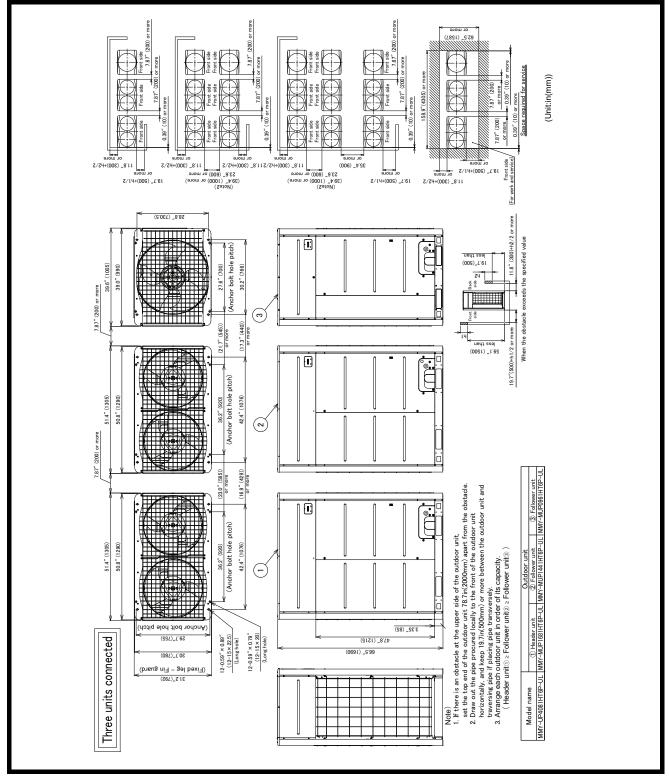
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Replaces: New

OUTDOOR UNIT HEAT PUMP MMY-UP4081HT6P-UL DIMENSIONAL DRAWING



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