# SMMSu VRF u-Series Outdoor Unit MMY-UP3121HT9P-UL—Heat Pump



### **Submittal Data**

Job Name	 Location

Tag



A230331

Header Unit Model	MMY-UP3121HT9P-UL			
Outdoor Unit Model Name	MUP1681HT9P-UL +			
		MUP1441HT9P-UL		
PERFORMANCE				
Nominal Cooling	Btu/h	312,000		
Capacity†	Diam			
Nominal Heating	Btu/h	351,000		
Capacity†		001,000		
Maximum number of inde	56			
Total Connected Indoor I	468			
Capacity		400		
COOLING EFFICIENCY†				
EER (Non-Ducted)	Btu/Wh	9.60		
Power Consumption	kW	30.40		
(Non-Ducted)	KVV	3U. <del>4</del> U		
EER (Ducted)	Btu/Wh	10.10		
Power Consumption	kW	26.96		
(Ducted)	KVV	20.90		
HEATING EFFICIENCY†				
COP (Non-Ducted)	Btu/Wh	3.54		
Power Consumption	kW	26.97		
(Non-Ducted)	KVV	20.31		
COP (Ducted)	Btu/Wh	3.60		
Power Consumption	kW	24.65		
(Ducted)	KVV	24.00		
FAN				
Fan Type		Propeller		
Airflow	CFM	8670 + 8650		
Motor Output	kW	0.73 x 2 + 0.43 x 2		
ELECTRICAL				
Power Supply	V/Ph/Hz	208-230/3/60		
MCA	Α	57.4 + 51.5		
MOCP	Α	80.0 + 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 Triple Rotary (2)			
Motor Output	kW	12.10 + 9.69		
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	5.5/0.5	
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	778 +	+ 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) 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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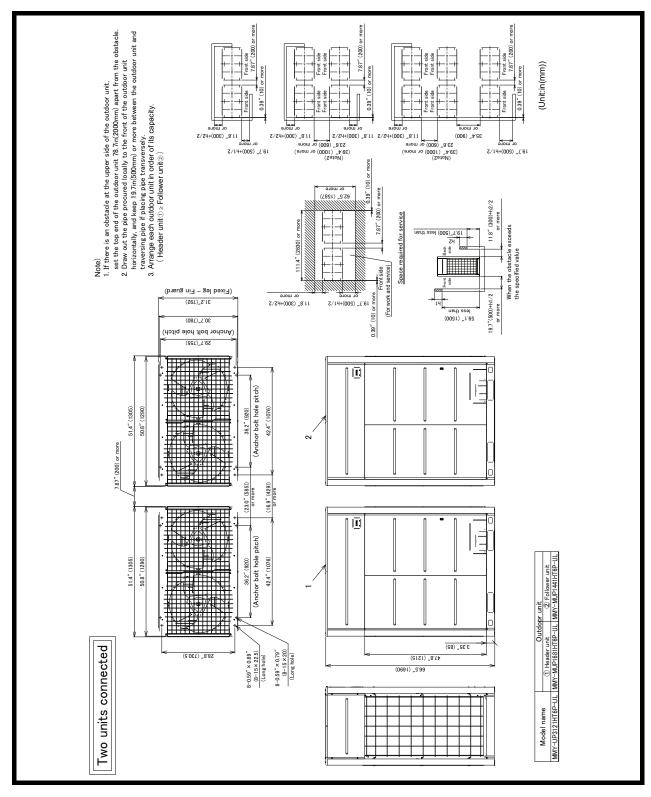
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## OUTDOOR UNIT HEAT PUMP MMY-UP3121HT9P-UL DIMENSIONAL DRAWING



A23034



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