## SMMSu VRF u-Series Outdoor Unit MMY-UP4561HT9P-UL—Heat Pump



## **Submittal Data**

Job Name	 Location
_	

Tag



۸	231	n3	31

Header Unit Model	MMY-UP4561HT9P-UL			
Outdoor Unit Model	MUP1681HT9P-UL +			
Name	MUP1681HT9P-UL +			
Ivaille	MUP1201HT9P-UL			
PERFORMANCE				
Nominal Cooling	Btu/h	456,000		
Capacity†	Dtu/II	400,000		
Nominal Heating	Btu/h	513,000		
Capacity†		313,000		
Maximum number of in	door units	73		
Total Connected Indoo	r Unit	684		
Capacity		004		
COOLING EFFICIENCY	<b>/</b> †			
EER (Non-Ducted)	Btu/Wh	10.6		
Power Consumption	kW	41.04		
(Non-Ducted)	NVV	41.04		
EER (Ducted)	Btu/Wh	10.4		
Power Consumption	kW	41.72		
(Ducted)	KVV	41.72		
HEATING EFFICIENCY	†			
COP (Non-Ducted)	Btu/Wh	3.4		
Power Consumption	LAA	40.54		
(Non-Ducted)	kW	42.51		
COP (Ducted)	Btu/Wh	3.7		
Power Consumption	kW	20.00		
(Ducted)	KVV	38.99		
FAN				
Fan Type	Propeller			
Airflow	CFM	8670 + 8670 + 7770		
Motor Output	kW	0.73 x 2 + 0.73 x 2+ 0.33 x 2		
ELECTRICAL	-1	,		
Power Supply	V/Ph/Hz	230/3/60		
MCA	Α	57.4 + 57.4 + 50.5		
MOCP	Α	80.0 + 80.0 + 60.0		

### 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		12.10 + 12.10 + 8.00		
PHYSICAL DATA				
Pipe Connection Size -	in.	5/8	5/8	1/2
Liquid (High Pressure)	111.	(Brazing)	(Brazing)	(Brazing)
Pipe Connection Size -	in.	1-1/8	1-1/8	1-1/8
Gas (Low Pressure)	111.	(Brazing)	(Brazing)	(Brazing)
Refrigerant	R-410A			
Factory Charge†† lb		19.8 + 19.8 + 19.8		
External Finish	Munsell 1Y8.5/0.5			
Unit Width in.		51.4 + 51.4 + 51.4		
Unit Height in.		66.5 + 66.5 + 66.5		
Unit Depth	in.	31.1 + 31.1 + 31.1		
Unit Net Weight Ib		77	8 + 778+ 7	25

#### **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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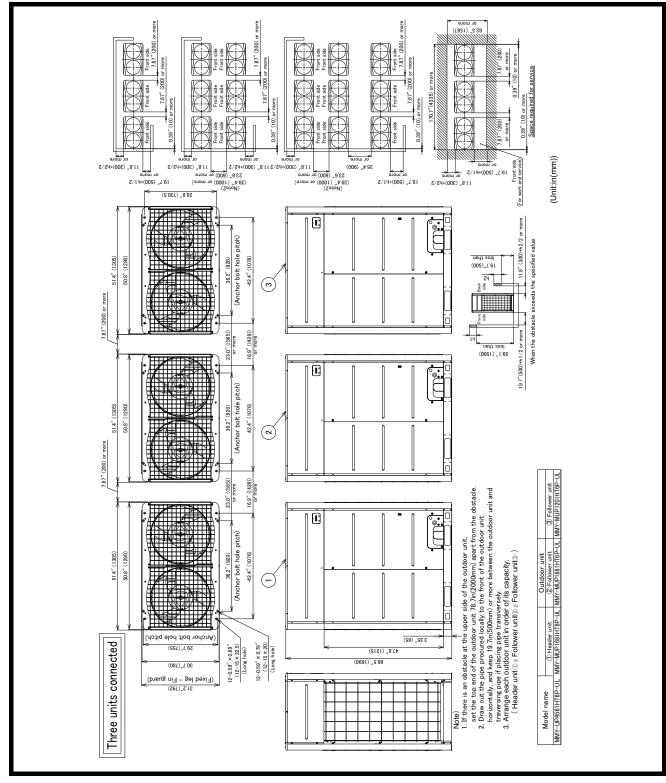
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Replaces: New

# OUTDOOR UNIT HEAT PUMP MMY-UP4561HT9P-UL DIMENSIONAL DRAWING







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