# SMMSu VRF u-Series Outdoor Unit MMY-MUP1441HT9P-UL—Heat Pump



## **Submittal Data**

Job Name	 Location
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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

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Header Unit Model	MMY-MUP1441HT9P-UL			
PERFORMANCE				
Nominal Cooling Capacity†	Btu/h	144,000		
Nominal Heating Capacity†	Btu/h	162,000		
Maximum number of indoor units		25		
Total Connected Indoor Unit Capac	ity	288		
COOLING EFFICIENCY†				
EER (Non-Ducted)	Btu/Wh	12.0		
Power Consumption (Non-Ducted)	kW	11.48		
EER (Ducted)	Btu/Wh	13.4		
Power Consumption (Ducted)	kW	10.23		
HEATING EFFICIENCY†				
COP (Non-Ducted)	Btu/Wh	4.0		
Power Consumption (Non-Ducted)	kW	11.17		
COP (Ducted)	Btu/Wh	4.0		
Power Consumption (Ducted)	kW	11.23		
FAN				
Fan Type		Propeller		
Airflow	CFM	8650		
Motor Output	kW	0.43 x 2		
ELECTRICAL				
Power Supply	V/Ph/Hz	230/3/60		
MCA	Α	51.5		
MOCP	Α	70		

COMPRESSORS				
Type (Number)		Hermetic Twin Rotary (1)		
Motor Output	kW	9.7		
PHYSICAL DATA				
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Brazing)		
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazing)		
Refrigerant		R-410A		
Factory Charge††	lb	19.8		
External Finish	Munsell 1Y8.5/0.5			
Unit Width	in.	51.4		
Unit Height	in.	66.5		
Unit Depth	in.	31.1		
Unit Net Weight (Non-Ducted)	lb	725		

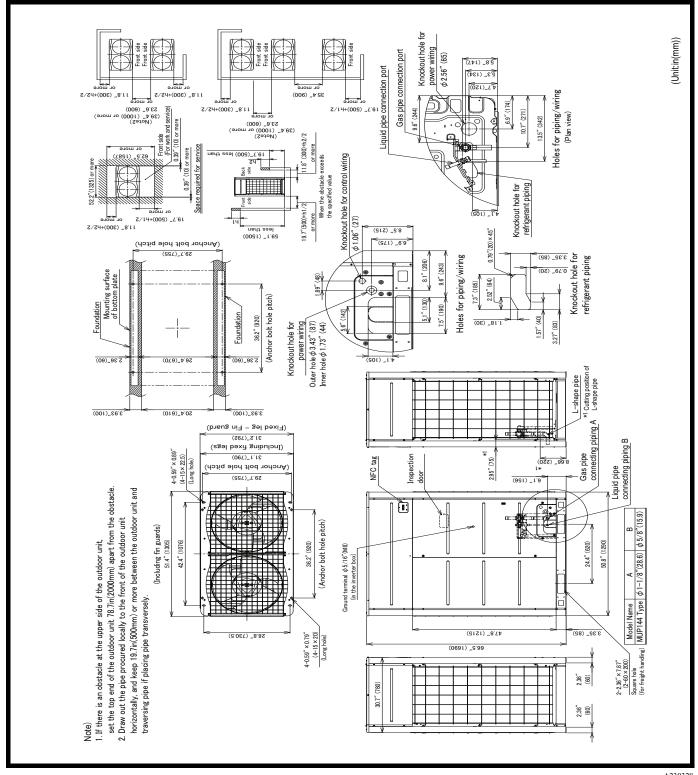
#### **LEGEND**

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.

### **OUTDOOR UNIT HEAT PUMP MMY-MUP1441HT9P-UL DIMENSIONAL DRAWING**



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