SMMSu VRF u-Series Outdoor Unit MMY-MUP120H1HT9P-UL—Heat Pump (Elite Heat)



Submittal Data

Job Name	 Location
Tag	



SMMSu VRF Heat Pump (Elite Heat) 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-MUP120H1HT9P-UL				
PERFORMANCE					
Nominal Cooling Capacity†	Btu/h	120,000			
Nominal Heating Capacity†	Btu/h	135,000			
Maximum number of indoor un	its	21			
Total Connected Indoor Unit C	apacity	240			
COOLING EFFICIENCY†					
EER (Non-Ducted)	Btu/Wh	11.20			
Power Consumption (Non-Ducted)	kW	9.49			
EER (Ducted)	Btu/Wh	12.00			
Power Consumption (Ducted)	kW	8.26			
HEATING EFFICIENCY†					
COP (Non-Ducted)	Btu/Wh	4.13			
Power Consumption (Non-Ducted)	kW	8.90			
COP (Ducted)	Btu/Wh	3.92			
Power Consumption (Ducted)	kW	8.71			
FAN					
Fan Type		Propeller			
Airflow	CFM	7415			
Motor Output	kW	0.38 x 2			
ELECTRICAL					
Power Supply	V/Ph/Hz	208-230/3/60			
MCA	Α	53.1			
MOCP	Α	60			

COMPRESSORS		
Type (Number)	Hermetic Triple Rotary (1)	
Motor Output	kW	7.67
PHYSICAL DATA	_	
Pipe Connection Size - Liquid	in.	5/8 (Brazing)
(High Pressure)	111.	
Pipe Connection Size - Gas	in.	1-1/8 (Brazing)
(Low Pressure)	111.	
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	lb	778

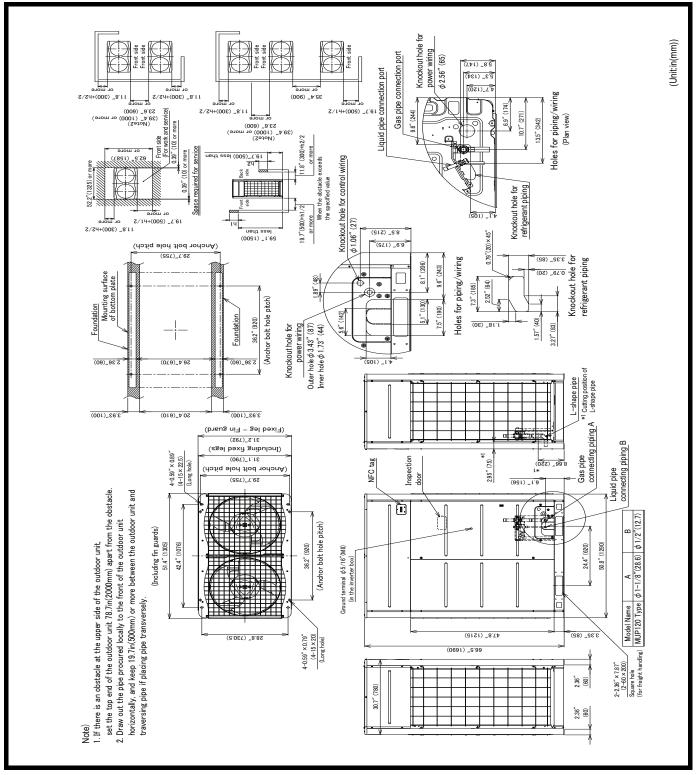
LEGEND

Energy Efficiency Ratio Coefficient of Performance Minimum Circuit Amps COP MCA Maximum Overcurrent Protection

†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230

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 (ELITE HEAT) MMY-MUP120H1HT9P-UL DIMENSIONAL DRAWING



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