

# SMMSu VRF u-Series Outdoor Unit MMY-UP360H1HT9P-UL—Heat Pump (Elite Heat)

**TOSHIBA**  
*Carrier*

## Submittal Data

Job Name \_\_\_\_\_ Location \_\_\_\_\_

Tag \_\_\_\_\_



A230331

### 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

Header Unit Model	MMY-UP360H1HT9P-UL	
Outdoor Unit Model Name	MUP120H1HT9P-UL + MUP120H1HT9P-UL + MUP120H1HT9P-UL	

PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	360,000
Nominal Heating Capacity†	Btu/h	405,000
Maximum number of indoor units		64
Total Connected Indoor Unit Capacity		540

COOLING EFFICIENCY†		
EER (Non-Ducted)	Btu/Wh	10.10
Power Consumption (Non-Ducted)	kW	31.45
EER (Ducted)	Btu/Wh	10.80
Power Consumption (Ducted)	kW	28.07

HEATING EFFICIENCY†		
COP (Non-Ducted)	Btu/Wh	3.70
Power Consumption (Non-Ducted)	kW	29.77
COP (Ducted)	Btu/Wh	3.80
Power Consumption (Ducted)	kW	26.99

FAN		
Fan Type		Propeller
Airflow	CFM	7415 + 7415 + 7415
Motor Output	kW	0.38 x 2 + 0.38 x 2 + 0.38 x 2

ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/3/60
MCA	A	53.1 + 53.1 + 53.1
MOCP	A	60.0 + 60.0 + 60.0

COMPRESSORS				
Type (Number)	Hermetic Triple Rotary (3)			
Motor Output	kW	7.67 + 7.67 + 7.67		
PHYSICAL DATA				
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Brazing)	5/8 (Brazing)	5/8 (Brazing)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazing)	1-1/8 (Brazing)	1-1/8 (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	lb	778 + 778 + 778		

### LEGEND

<b>EER</b>	—	Energy Efficiency Ratio
<b>COP</b>	—	Coefficient of Performance
<b>MCA</b>	—	Minimum Circuit Amps
<b>MOCP</b>	—	Maximum Overcurrent Protection

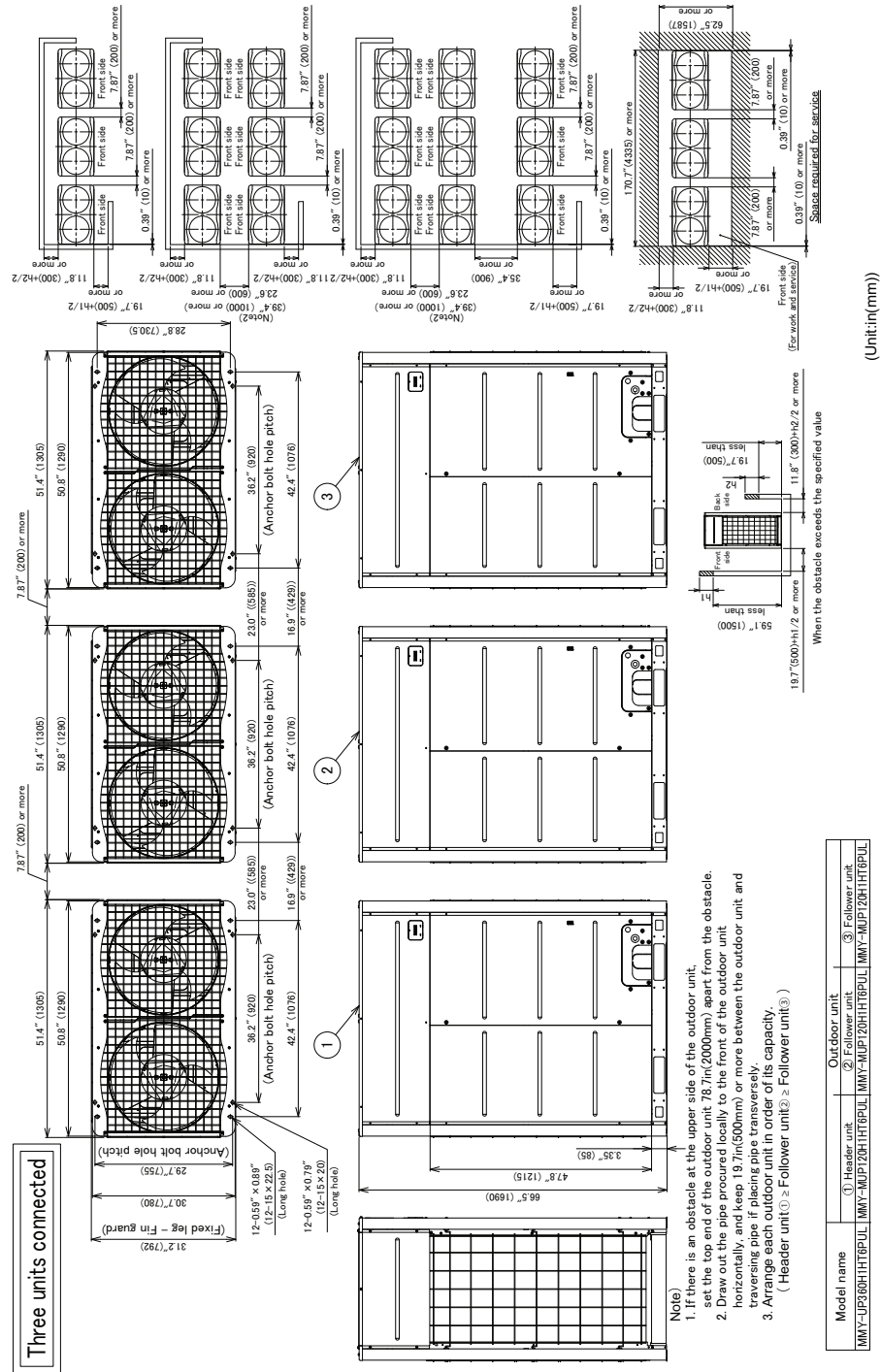
†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.

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.

## OUTDOOR UNIT HEAT PUMP (ELITE HEAT) MMY-MUP360H1HT9P-UL DIMENSIONAL DRAWING



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