SMMSu VRF u-Series Outdoor Unit
MMY-UP3121HT6P-UL—Heat Pump

TOSHIBA Carrier

Submittal Data

Job Name _____ Location_____

Tag _____

A230331

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

Header Unit Model		MMY-UP3121HT6P-UL
Outdoor Unit Model Name		MUP1681HT6P-UL + MUP1441HT6P-UL
PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	312,000
Nominal Heating Capacity†	Btu/h	351,000
Maximum number of indoor units		56
Total Connected Indoor Unit Capacity		468
COOLING EFFICIENCY†		
EER (Non-Ducted)	Btu/Wh	10.2
Power Consumption (Non-Ducted)	kW	29.12
EER (Ducted)	Btu/Wh	11.4
Power Consumption (Ducted)	kW	26.11
HEATING EFFICIENCY†		
COP (Non-Ducted)	Btu/Wh	3.6
Power Consumption (Non-Ducted)	kW	26.97
COP (Ducted)	Btu/Wh	4.0
Power Consumption (Ducted)	kW	24.58
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	460/3/60
MCA	A	27.4 + 24.6
MOCP	A	40.0 + 35.0

COMPRESSORS			
Type (Number)		Hermetic Twin Rotary (1)	
Motor Output	kW	12.10 + 9.70	
PHYSICAL DATA			
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Brazing)	5/8 (Brazing)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazing)	1-1/8 (Brazing)
Refrigerant		R-410A	
Factory Charge††	lb	19.8 + 19.8	
External Finish		Munsell 1Y8.5/0.5	
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	774 + 721	

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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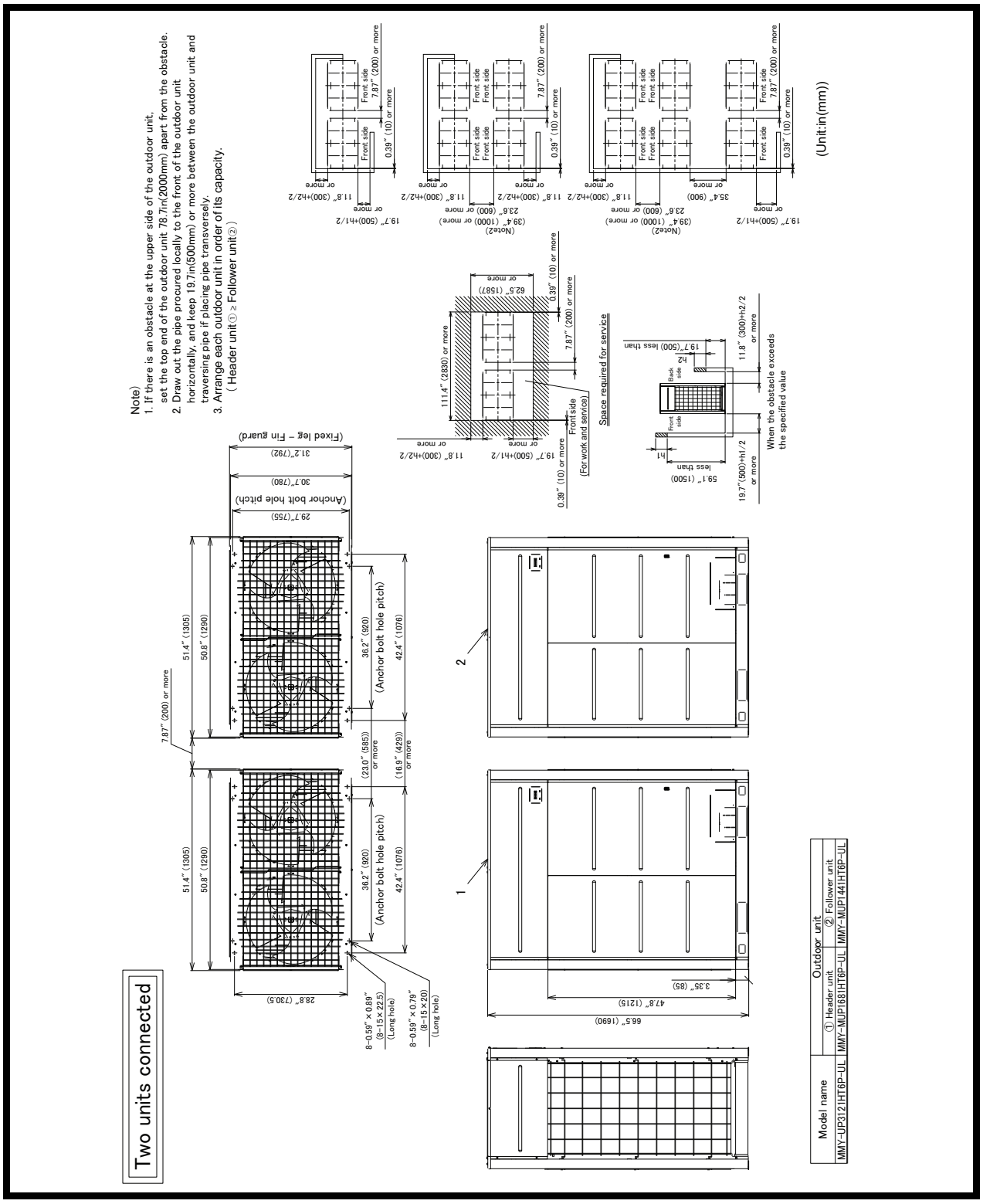
Replaces: New

OUTDOOR UNIT HEAT PUMP MMY-UP3121HT6P-UL
DIMENSIONAL DRAWING



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