## SMMSu VRF u-Series Outdoor Unit MMY-UP4321HT6P-UL—Heat Pump

TOSHIBA Carrier

# Submittal Data

Job Name

Tag \_



		A250551					
Header Unit Model		MMY-UP4321HT6P-UL					
		MUP1681HT6P-UL +					
Outdoor Unit Model		MUP1681HT6P-UL +					
Name		MUP0961HT6P-UL					
PERFORMANCE							
Nominal Cooling	Btu/h	432,000					
Capacity†	Dlu/II	432,000					
Nominal Heating	Btu/h	486.000					
Capacity†	Dlu/II	486,000					
Maximum number of in	72						
Total Connected Indoor Unit		648					
Capacity	Capacity						
COOLING EFFICIENCY†							
EER (Non-Ducted)	Btu/Wh	10.7					
Power Consumption	kW	38.18					
(Non-Ducted)	r.vv	56.16					
EER (Ducted)	Btu/Wh	11.0					
Power Consumption	kW	37.24					
(Ducted)	ĸvv	37.24					
HEATING EFFICIENCY							
COP (Non-Ducted)	Btu/Wh	3.4					
Power Consumption	kW	39.60					
(Non-Ducted)	ĸvv	39.60					
COP (Ducted)	Btu/Wh	3.7					
Power Consumption	kW	36.58					
(Ducted)	r.vv	00.00					
FAN							
Fan Type		Propeller					
Airflow	CFM	8670 + 8670 + 6180					
Motor Output	kW	0.73 x 2 + 0.73 x 2+ 0.59 x 1					
ELECTRICAL							
Power Supply	V/Ph/Hz	460/3/60					
MCA	Α	27.4 + 27.4 + 17.5					
MOCP	Α	40.0 + 40.0 + 20.0					
	1	1					

### Location

#### 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 + 6.20					
PHYSICAL DATA							
Pipe Connection Size -	in.	5/8	5/8	1/2			
Liquid (High Pressure)		(Brazing)	(Brazing)	(Brazing)			
Pipe Connection Size -	in.	1-1/8	1-1/8	7/8			
Gas (Low Pressure)		(Brazing)	(Brazing)	(Brazing)			
Refrigerant		R-410A					
Factory Charge++	lb	19.8 + 19.8 + 13.2					
External Finish		Munsell 1Y8.5/0.5					
Unit Width	in.	51.4 + 51.4 + 39.6					
Unit Height	in.	66.5 + 66.5 + 66.5					
Unit Depth	in.	31.1 + 31.1 + 31.1					
Unit Net Weight	lb	774 + 774+ 533					

#### LEGEND

EER	_	Energy Efficiency Ratio

COP Coefficient of Performance

Minimum Circuit Amps Maximum Overcurrent Protection MOCP

†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.

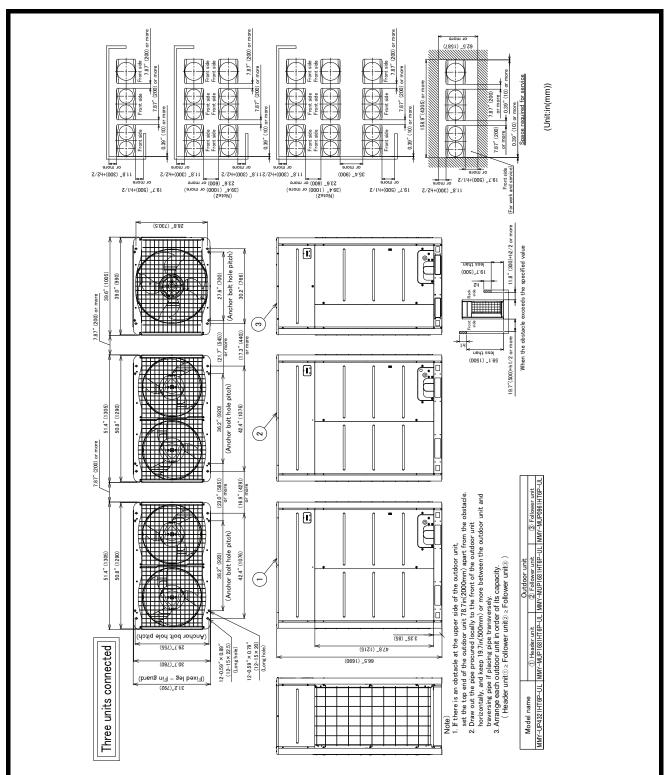
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## OUTDOOR UNIT HEAT PUMP MMY-UP4321HT6P-UL DIMENSIONAL DRAWING



A230336



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