SMMSu VRF u-Series Outdoor Unit MMY-UP4321HT9P-UL—Heat Pump

TOSHIBA Carrier

Submittal Data

Job Name

Tag



A230331

Header Unit Model		MMY-UP4321HT9P-UL			
Header Unit Model		MUP1681HT9P-UL +			
Outdoor Unit Model		MUP1681HT9P-UL +			
Name		MUP0961HT9P-UL			
PERFORMANCE		WOI 03011131-0E			
Nominal Cooling	.	100.000			
Capacity†	Btu/h	432,000			
Nominal Heating		486,000			
Capacity†	Btu/h				
Maximum number of in	72				
Total Connected Indoor Unit		648			
Capacity					
COOLING EFFICIENCY†					
EER (Non-Ducted)	Btu/Wh	10.00			
Power Consumption	kW	40.10			
(Non-Ducted)		-0.10			
EER (Ducted)	Btu/Wh	9.87			
Power Consumption	kW	37.78			
(Ducted)		01.10			
HEATING EFFICIENCY					
COP (Non-Ducted)	Btu/Wh	3.33			
Power Consumption	kW	39.60			
(Non-Ducted)					
COP (Ducted)	Btu/Wh	3.35			
Power Consumption	kW	36.46			
(Ducted)		50:40			
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	208-230/3/60			
MCA	Α	57.4 + 57.4 + 36.6			
MOCP	Α	80.0 + 80.0 + 45.0			

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)				
		+				
		Hermetic Triple Rotary (2)				
Motor Output	kW	12.10 + 12.10 + 6.24				
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)	in.	(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	778 + 778+ 521				

LEGEND

EER	_	Energy E
COP	_	Coefficier
MCA	_	Minimum
MOCP	_	Maximum

Efficiency Ratio nt of Performance

Minimum Circuit Amps 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.

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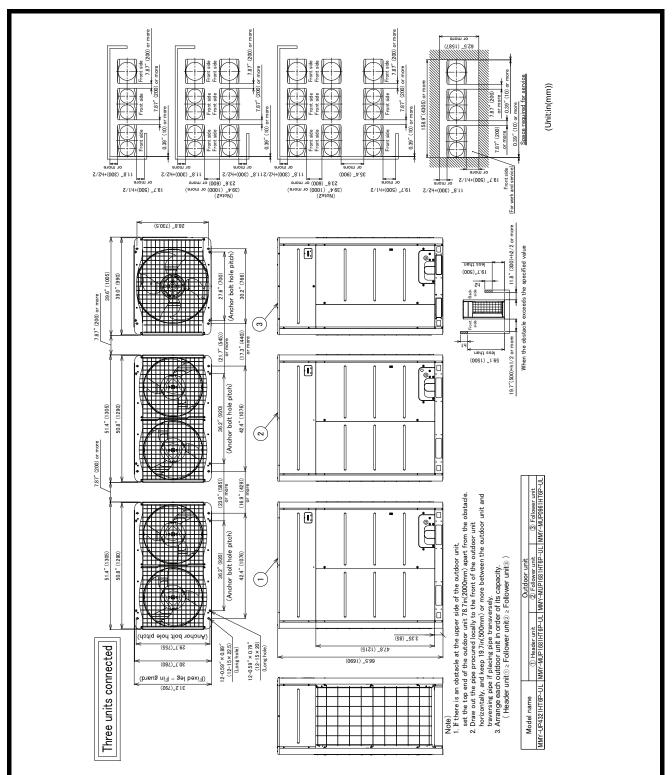
Edition Date: 05/24 Printed in U.S.A.

Form No: MMY-UP4321HT9P-UL 02 Replaces: MMY-UP4321HT9P-UL 01

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OUTDOOR UNIT HEAT PUMP MMY-UP4321HT9P-UL DIMENSIONAL DRAWING



A230336



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Form No: MMY-UP4321HT9P-UL_02

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Replaces: MMY-UP4321HT9P-UL_01

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