SMMSu VRF u-Series Outdoor Unit MMY-UP144H1HT6P-UL—Heat Pump (Elite Heat)

TOSHIBA Carrier

Submittal Data

Job Name

Location

Tag TOSHIBA Carrier SMMS u SMMSu A230331

Header Unit Model	MMY-UP144H1HT6P-UL		
	MUP072H1HT6P-UL +		
Outdoor Unit Model Name	MUP072H1HT6P-UL		
PERFORMANCE			
Nominal Cooling	Btu/h	144,000	
Capacity†	Dlu/II		
Nominal Heating	Btu/h	162,000	
Capacity†			
Maximum number of indo	25		
Total Connected Indoor U	216		
Capacity			
COOLING EFFICIENCY†	1	[
EER (Non-Ducted)	Btu/Wh	12.30	
Power Consumption	kW	10.56	
(Non-Ducted)			
EER (Ducted)	Btu/Wh	11.60	
Power Consumption	kW	10.04	
HEATING EFFICIENCY	4 7 4		
COP (Non-Ducted)	Btu/Wh	4.74	
Power Consumption	kW	9.21	
(Non-Ducted)		4.04	
COP (Ducted)	Btu/Wh	4.21	
Power Consumption (Ducted)	kW	9.45	
FAN			
Fan Type		Propeller	
Airflow	CFM	6340 + 6340	
	kW	0.24 x 1 + 0.24 x 1	
Motor Output ELECTRICAL	KVV	0.24 X I + 0.24 X I	
	V/Ph/Hz	460/2/60	
Power Supply		460/3/60	
MCA	A	18.5 + 18.5	
MOCP	A	20.0 + 20.0	

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

COMPRESSORS						
Type (Number)	He	Hermetic Twin Rotary (2)				
Motor Output	kW	4.6 + 4.6				
PHYSICAL DATA						
Pipe Connection Size -	in.	1/2	1/2			
Liquid (High Pressure)		(Brazing)	(Brazing)			
Pipe Connection Size - Gas	in.	3/4	3/4			
(Low Pressure)		(Brazing)	(Brazing)			
Refrigerant		R-410A				
Factory Charge++	lb	19.8 + 19.8				
External Finish		Munsell 1Y8.5/0.5				
Unit Width	in.	39.6 + 39.6				
Unit Height	in.	66.5 + 66.5				
Unit Depth	in.	31.1 + 31.1				
Unit Net Weight	lb	611 + 611				

EER —	Energy Efficiency Ratio
COP —	Coefficient of Performance
MCA —	Minimum Circt Amps
MOCP —	Maximum Overcurrent Protection

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

LEGEND

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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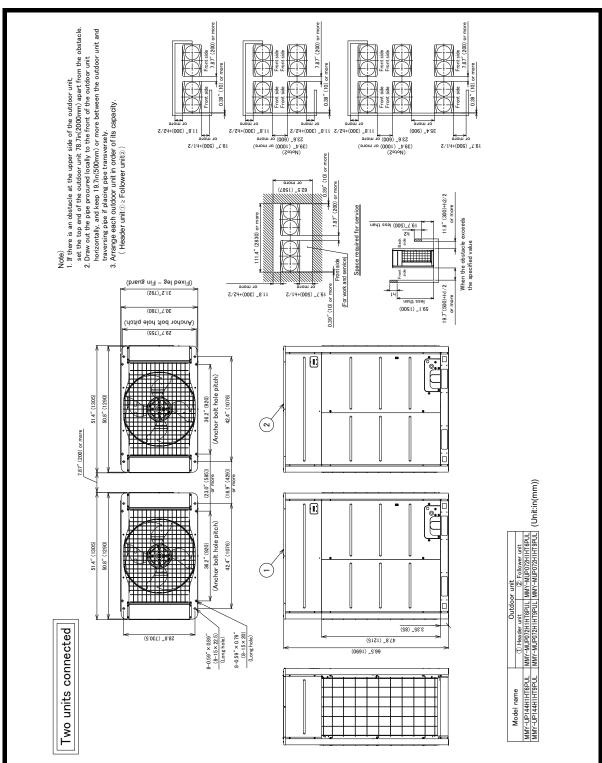
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OUTDOOR UNIT HEAT PUMP (ELITE HEAT) MMY-UP144H1HT6P-UL **DIMENSIONAL DRAWING**



A230328



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