## SMMSu VRF u-Series Outdoor Unit MMY-MUP1681HT9P-UL—Heat Pump

TOSHIBA Carrier

# Submittal Data

A230327

Job Name

Tag



### 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

Header Unit Model	MMY-MUP1681HT9P-UL		
PERFORMANCE			
Nominal Cooling Capacity†	Btu/h	168,000	
Nominal Heating Capacity†	Btu/h	189,000	
Maximum number of indoor units		30	
Total Connected Indoor Unit Capacity		336	
COOLING EFFICIENCY†			
EER (Non-Ducted)	Btu/Wh	10.60	
Power Consumption (Non-Ducted)	kW	13.70	
EER (Ducted)	Btu/Wh	10.60	
Power Consumption (Ducted)	kW	13.53	
HEATING EFFICIENCY†			
COP (Non-Ducted)	Btu/Wh	3.43	
Power Consumption (Non-Ducted)	kW	14.22	
COP (Ducted)	Btu/Wh	3.43	
Power Consumption (Ducted)	kW	13.26	
FAN			
Fan Type		Propeller	
Airflow	CFM	8670	
Motor Output	kW	0.73 x 2	
ELECTRICAL			
Power Supply	V/Ph/Hz	230/3/60	
MCA	А	57.4	
MOCP	А	80.0	

COMPRESSORS		
Type (Number)		Hermetic Triple Rotary (1)
Motor Output	kW	12.10
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 (Brazing)
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 (Brazing)
Refrigerant		R-410A
Factory Charge ++	lb	19.8
External Finish	Munsell 1Y8.5/0.5	
Unit Width	in.	51.4
Unit Height	in.	66.5
Unit Depth	in.	31.1
Unit Net Weight	lb	778

#### LEGEND

Energy Efficiency Ratio

COP Coefficient of Performance Minimum Circuit Amps Maximum Overcurrent Protection MOCP

†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.

© 2024 Carrier Corporation. All rights reserved.

Edition Date: 05/24

### Form No: MMY-MUP1681HT9P-UL 02

A Carrier Company

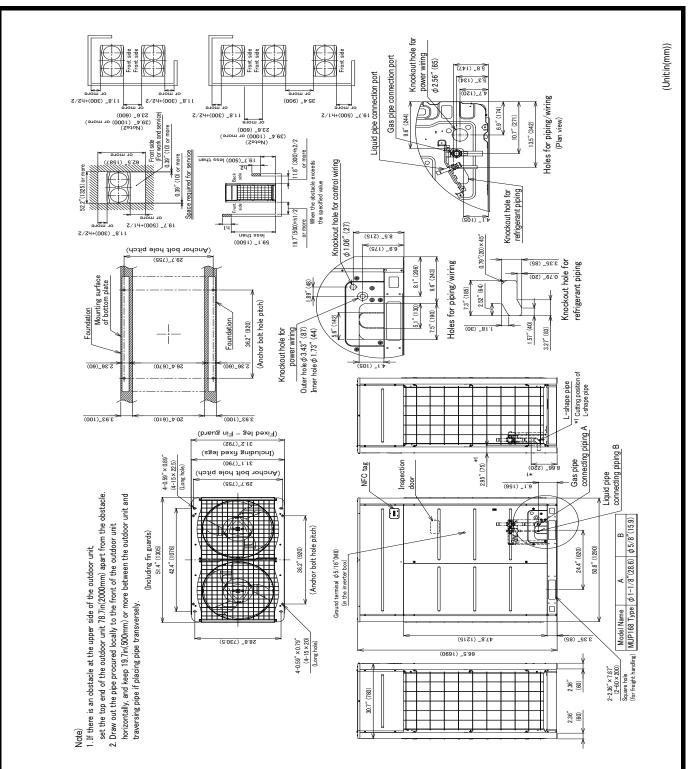
Printed in U.S.A.

EER

Replaces: MMY-MUP1681HT9P-UL\_01

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

## OUTDOOR UNIT HEAT PUMP MMY-MUP1681HT9P-UL DIMENSIONAL DRAWING



A230328



© 2024 Carrier Corporation. All rights reserved.

A Carrier Company

Edition Date: 05/24

Form No: MMY-MUP1681HT9P-UL\_02

Printed in U.S.A.

Replaces: MMY-MUP1681HT9P-UL\_01

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.