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



## **Submittal Data**

Job Name	Location
Tag	



Header Unit Model

**Outdoor Unit Model** 

Name

(Ducted)

Fan Type Airflow

MCA

**MOCP** 

Motor Output **ELECTRICAL** Power Supply

**FAN** 

A230331

MMY-UP4321HT9P-UL MUP1681HT9P-UL +

MUP1681HT9P-UL +

MUP0961HT9P-UL

PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	432,000
Nominal Heating Capacity†	Btu/h	486,000
Maximum number of ir	72	
Total Connected Indoo Capacity	648	
COOLING EFFICIENCY	/†	
EER (Non-Ducted)	Btu/Wh	10.7
Power Consumption (Non-Ducted)	kW	38.18
EER (Ducted)	Btu/Wh	11.0
Power Consumption (Ducted)	kW	37.24
HEATING EFFICIENCY	<b>†</b>	
COP (Non-Ducted)	Btu/Wh	3.4
Power Consumption (Non-Ducted)	kW	39.60
COP (Ducted)	Btu/Wh	3.7
Power Consumption	kW	36 58

kW

CFM

kW

V/Ph/Hz

Α

Α

### 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		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	3 + 19.8 + 1	13.2
External Finish		Munsell 1Y8.5/0.5		
Unit Width	in.	51.4	4 + 51.4 + 3	39.6
Unit Height	in.	66.	5 + 66.5 + 6	6.5
Unit Depth	in.	31.	1 + 31.1 + 3	31.1
Unit Net Weight	lb	77	8 + 778+ 5	21

#### **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.

© 2023 Carrier Corporation. All rights reserved.

Edition Date: 06/23

36.58

Propeller

8670 + 8670 + 6180 0.73 x 2 + 0.73 x 2+ 0.59 x 1

460/3/60

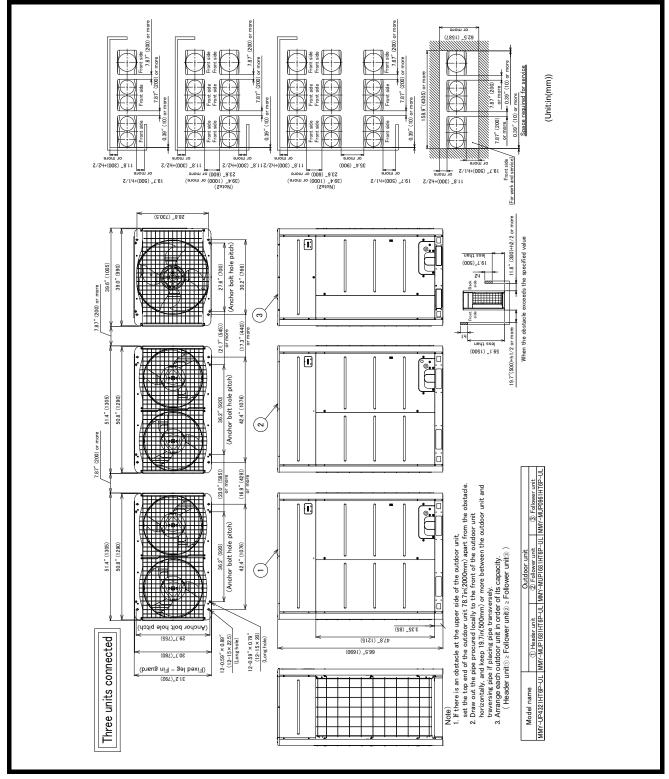
57.4 + 57.4 + 36.6

80.0 + 80.0 + 45.0

Form No: MMY-UP4321HT9P-UL 01

A Carrier Company Printed in U.S.A. Replaces: New

# OUTDOOR UNIT HEAT PUMP MMY-UP4321HT9P-UL DIMENSIONAL DRAWING



A230336

