SMMSu VRF u-Series Outdoor Unit MMY-UP4081HT6P-UL—Heat Pump



Submittal Data

lob Name	Location

Tag



. 220221

Header Unit Model	MMY-UP4081HT6P-UL							
	MUP1681HT6P-UL+							
Outdoor Unit Model Name		MUP1441HT6P-UL +						
		MUP0961HT6P-UL						
PERFORMANCE								
Nominal Cooling	Btu/h	408,000						
Capacity†	Dtu/II	400,000						
Nominal Heating	Btu/h	459,000						
Capacity†		409,000						
Maximum number of in	ndoor	70						
units		. 0						
Total Connected Indoo	or Unit	612						
Capacity	3.2							
COOLING EFFICIENCY†								
EER (Non-Ducted)	Btu/Wh	9.80						
Power Consumption	kW	38.80						
(Non-Ducted)								
EER (Ducted)	Btu/Wh	10.40						
Power Consumption	kW	33.78						
(Ducted)		30.73						
HEATING EFFICIENCY								
COP (Non-Ducted)	Btu/Wh	3.34						
Power Consumption	kW	37.48						
(Non-Ducted)		OF: 40						
COP (Ducted)	Btu/Wh	3.38						
Power Consumption	kW	34.26						
(Ducted)	IXVV	J 1 .20						
FAN								
Fan Type		Propeller						
Airflow	CFM	8670 + 8650 + 6180						
Motor Output kW		0.73 x 2 + 0.43 x 2+ 0.59 x 1						
ELECTRICAL								
Power Supply	V/Ph/Hz	460/3/60						
MCA	Α	27.4 + 24.6 + 17.5						

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

				S		

COMPRESSORS							
		Hermetic Twin Rotary (1)					
Type (Number)		+					
	Hermetic Triple Rotary (2)						
Motor Output	kW	12.10 + 9.69 + 6.24					
PHYSICAL DATA							
Pipe Connection Size -	in	5/8	5/8	1/2			
Liquid (High Pressure)	in.	(Brazing)	(Brazing)	(Brazing)			
Pipe Connection Size -	in.	1-1/8	1-1/8	7/8			
Gas (Low Pressure)	111.	(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 + 721+ 533					

LEGEND

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

 \dagger 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.

MOCP

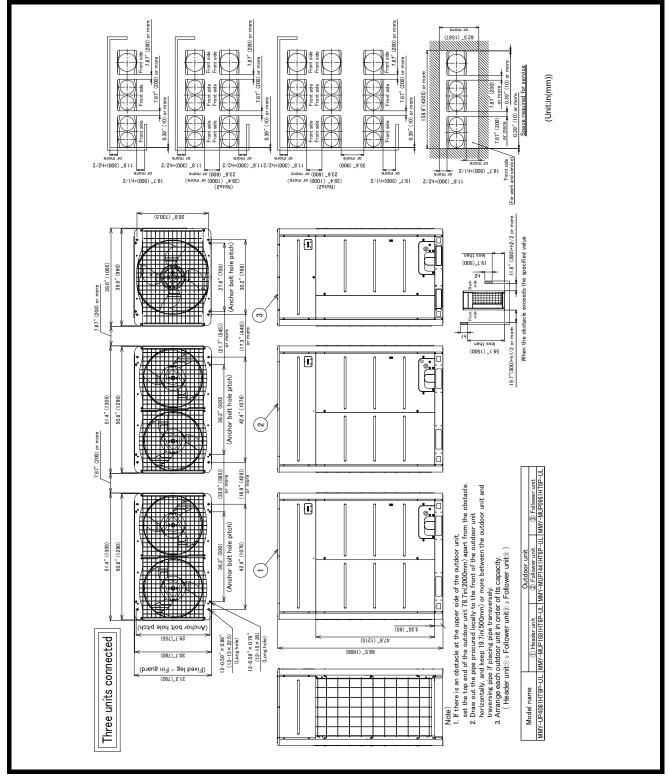
Edition Date: 05/24

Form No: MMY-UP4081HT6P-UL 02

A Carrier Company Printed in U.S.A. Replaces: MMY-UP4081HT6P-UL_01

40.0 + 35.0 + 20.0

OUTDOOR UNIT HEAT PUMP MMY-UP4081HT6P-UL DIMENSIONAL DRAWING



A230336

