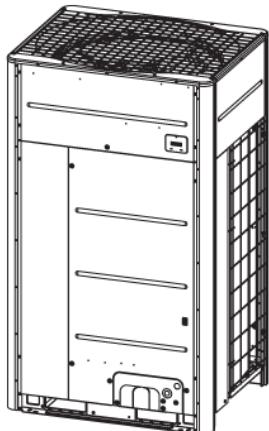


Submittal Data

Job Name _____
 Tag _____

Location _____



A210612

Heat Recovery Features

- Modules and pairings available from 6 to 42 tons
- Modules have inverter-driven rotary compressors
- Direct-drive, inverter-driven outdoor motor
- Up to 3937 ft actual total system piping (liquid line)
- 656 ft (200 m) actual piping length from outdoor unit to furthest fan coil
- Operating temperature range
 Cooling (db): -10° to 125°F
 (-15° to 52°C)
 Heating (wb): -22° to 60°F
 (-25° to 18°C)
- Protection: high pressure sensor and switch, low pressure sensor and switch, process controller board fuse, inverter overload protection
- 7-year compressor limited warranty
- 5-year parts limited warranty

Header Unit Model		MMY-MUP1681FT6P-UL	
PERFORMANCE			
Nominal Cooling Capacity	Btu/h	168,000	
Nominal Heating Capacity	Btu/h	189,000	
Maximum Number of Indoor Units		30	
SIMULTANEOUS COOLING AND HEATING EFFICIENCY†			
SCHE, Ducted FCUs		29.5	
SCHE, Ductless FCUs		30.5	
COOLING EFFICIENCY†			
EER/IEER, Ducted FCUs	Btu/Wh	10.7/21.5	
Power Consumption, Ducted FCUs	kW	13.22	
EER/IEER, Ductless FCUs	Btu/Wh	11.2/24.2	
Power Consumption, Ductless FCUs	kW	13.97	
HEATING EFFICIENCY†			
COP at 47°F, Ducted FCUs		3.54	
Power Consumption, Ducted FCUs	kW	13.17	
COP at 47°F, Ductless FCUs		3.85	
Power Consumption, Ductless FCUs	kW	13.39	
Fan Type (Qty)		Propeller (2)	
Airflow, Standard Range	CFM	8476	
Sound Pressure	dBA	63.0	
External Static Pressure*	in. wg	0.321	
LEGEND			
db	— Dry Bulb		
COP	— Coefficient of Performance		
EER	— Energy Efficiency Ratio		
FCU	— Fan Coil Unit		
IEER	— Integrated Energy Efficiency Ratio		
wb	— Wet Bulb		
SCHE	— Simultaneous Cooling and Heating Efficiency		

ELECTRICAL

Power Supply V/Ph/Hz 460/3/60

Minimum Circuit Amps (MCA) A 27.4

Maximum Overcurrent Protection (MOCP) A 40

COMPRESSORS

Type (Number) Hermetic Triple Rotary (1)

FAN MOTOR

Motor Output kW 0.48 x 2

PHYSICAL DATA

Pipe Connection Size - Liquid (High Pressure) in. 5/8 (Brazed)

Pipe Connection Size - Gas (Low Pressure) in. 1-1/8 (Brazed)

Discharge - Gas (High/Low Pressure)

7/8 (Brazed)

Refrigerant R-410A

Factory Charge†† lb 19.8

Unit Width in. 51-1/2

Unit Height in. 66-1/2

Unit Depth in. 31-1/4

Net Weight lb 776

†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

*Requires setting by menu functions.

††Additional charge required.

NOTE: Unit cabinet and coil slab shall be capable of withstanding 500-hour salt spray test.

DIMENSIONAL DRAWING

OUTDOOR UNIT MMY-MUP1681FT6P-UL

Note)

1. If there is an obstacle at the upper side of the outdoor unit,
set the top end of the outdoor unit 78.7in [2000mm] apart from the obstacle.
2. Draw out the pipe procured locally to the front of the outdoor unit
horizontally, and keep 19.7in [500mm] or more between the outdoor unit and
traversing pipe if placing pipe transversely.

