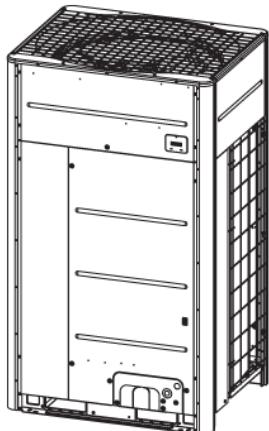


Submittal Data

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-MUP1681FT9P-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	

ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/3/60
Minimum Circuit Amps (MCA)	A	57.4
Maximum Overcurrent Protection (MOCP)		
A		80
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	783

†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.

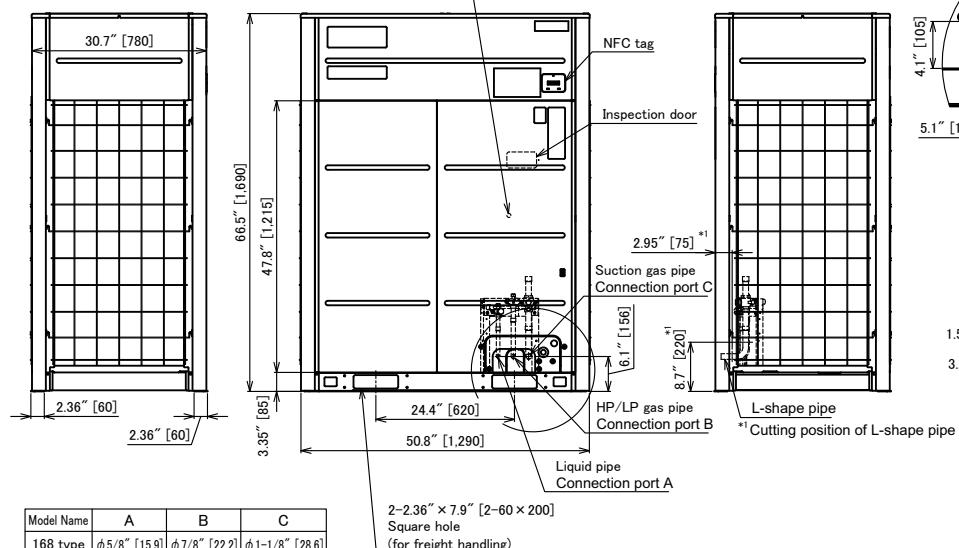
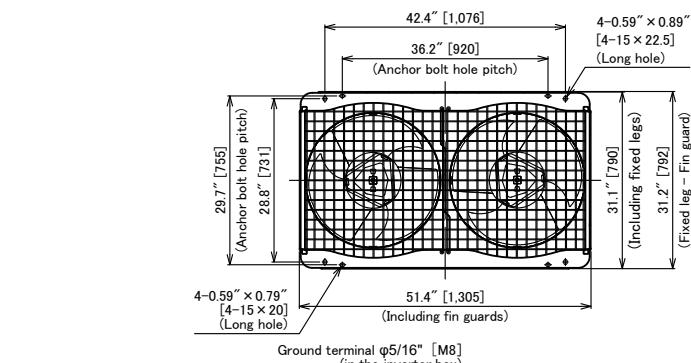
LEGEND	
db	Dry Bulb
COP	Coefficient of Performance
EER	Energy Efficiency Ratio
FCU	Fan Coil Unit
IEER	Integrated Energy Efficiency Ratio
wb	Wet Bulb
SCHE	Simultaneous Cooling and Heating Efficiency

DIMENSIONAL DRAWING

OUTDOOR UNIT MMY-MUP1681FT9P-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.



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Replaces: MMY-MUP1681FT9P-UL 01

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