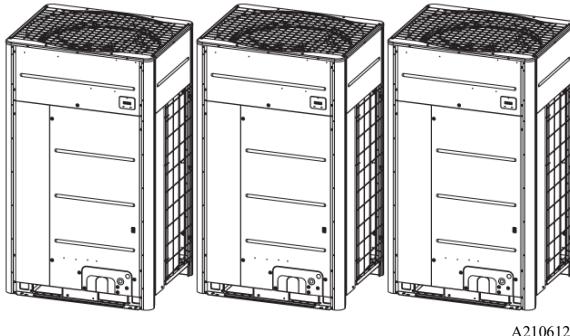


Submittal Data

Job Name _____

Location _____

Tag _____



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

Combination Model	MMY-UP4081FT9P-UL		ELECTRICAL		
Header Unit Model	MUP1681FT9P-UL		Power Supply	V/Ph/Hz	208-230/3/60
Follower Unit Model	MUP1441FT9P-UL		Minimum Circuit Amps (MCA)	A	57.4 + 51.5 + 36.6
Follower Unit Model	MUP0961FT9P-UL		Maximum Overcurrent Protection (MOCP)	A	80 + 60 + 45
PERFORMANCE					
Nominal Cooling Capacity	Btu/h	408,000	COMPRESSORS		
Nominal Heating Capacity	Btu/h	459,000	Type (Number)		Hermetic Triple Rotary (2) + Hermetic Twin Rotary (1)
Maximum Number of Indoor Units		70	FAN MOTOR		
SIMULTANEOUS COOLING AND HEATING EFFICIENCY†					
SCHE, Ducted FCUs		25.0	Motor Output	kW	(0.48 x 4) + (0.66 x 1)
SCHE, Ductless FCUs		26.0	PHYSICAL DATA		
COOLING EFFICIENCY†					
EER/IEER, Ducted FCUs	Btu/Wh	10.0/18.2	Pipe Connection Size - Liquid (High Pressure)	in.	(5/8 x 2) + 1/2 (Brazed)
Power Consumption, Ducted FCUs	kW	35.27	Pipe Connection Size - Gas (Low Pressure)	in.	(1-1/8 x 2) + 7/8 (Brazed)
EER/IEER, Ductless FCUs	Btu/Wh	10.3/20.2	Discharge - Gas (High/Low Pressure)		(7/8 x 2) + 3/4 (Brazed)
Power Consumption, Ductless FCUs	kW	36.90	Refrigerant		R-410A
HEATING EFFICIENCY†					
COP at 47°F, Ducted FCUs		3.24	Factory Charge††	lb	(19.8 x 2) + 13.2
Power Consumption, Ducted FCUs	kW	35.89	Unit Width	in.	(51-1/2 x 2) + 39-1/2
COP at 47°F, Ductless FCUs		3.51	Unit Height	in.	66-1/2 x 3
Power Consumption, Ductless FCUs	kW	35.61	Unit Depth	in.	31-1/4 x 3
Fan Type (Qty)		Propeller (5)	Net Weight	lb	(783 x 2) + 532
Airflow, Standard Range	CFM	8476 + 7981 + 6357	†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.		
Sound Pressure	dBA	70.0	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		
External Static Pressure*	in. wg	0.321	*Requires setting by menu functions. ††Additional charge required.		

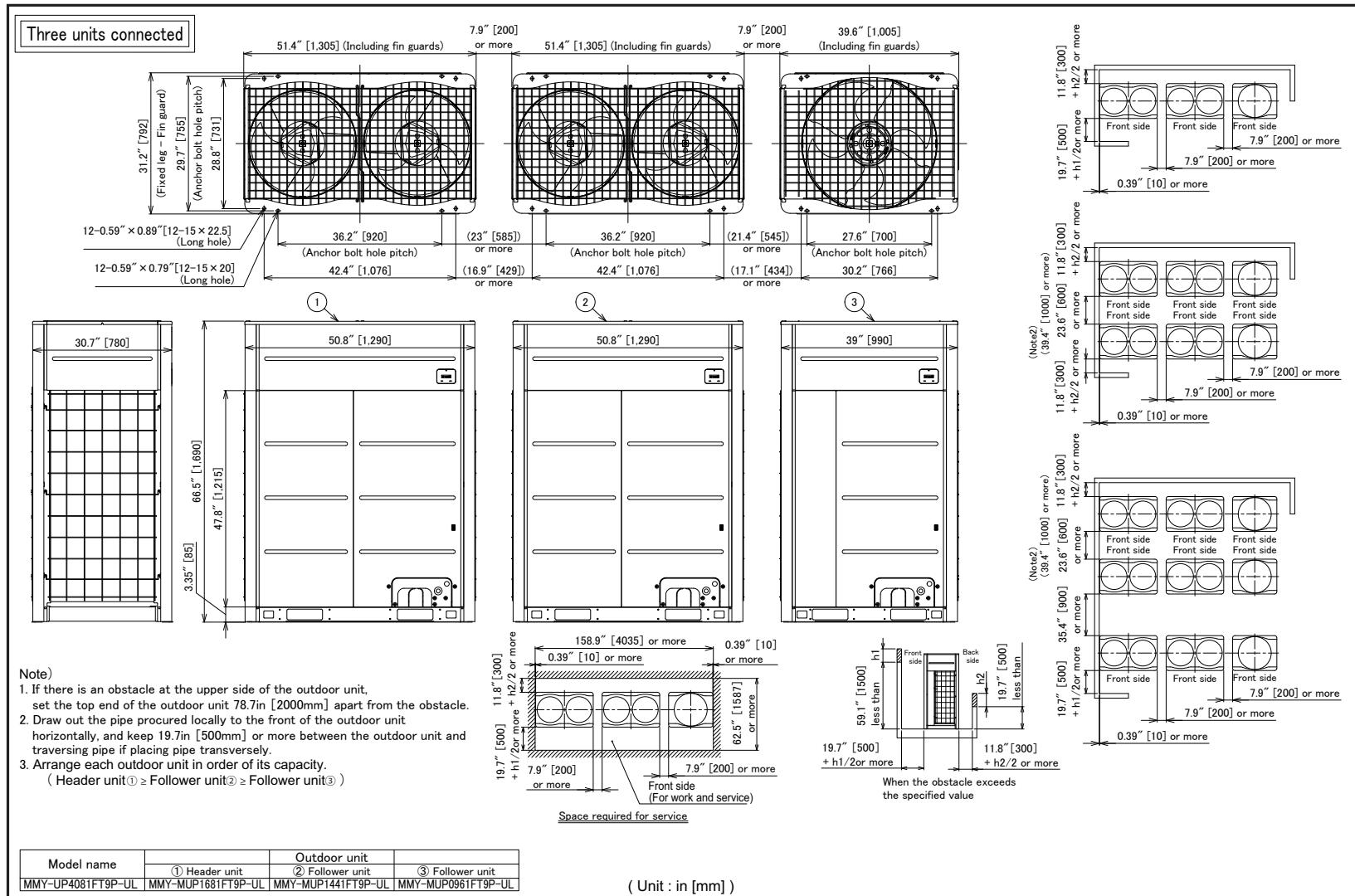
LEGEND

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

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-UP4081FT9P-UL



Model name	Outdoor unit	① Header unit	② Follower unit	③ Follower unit
MMY-UP4081FT9P-UL	MMY-MUP1681FT9P-UL	MMY-MUP1441FT9P-UL	MMY-MUP0961FT9P-UL	

