

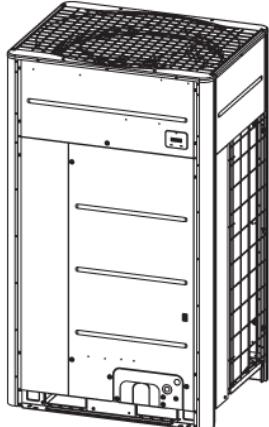
VRF Outdoor Unit
MMY-MUP072H1FT9PUL - Elite Heat
Heat Recovery Unit

TOSHIBA
Carrier

Submittal Data

Job Name _____
 Tag _____

Location _____



A210612

Heat Recovery Features

- Modules and pairings available from 6 to 30 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): -30° to 60°F
 (-1° 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-MUP072H1FT9PUL	ELECTRICAL		
PERFORMANCE					
Nominal Cooling Capacity	Btu/h	72,000	Power Supply	V/Ph/Hz	208-230/3/60
Nominal Heating Capacity	Btu/h	81,000	Minimum Circuit Amps (MCA)	A	36.6
Maximum Number of Indoor Units		12	Maximum Overcurrent Protection (MOCP)	A	45
SIMULTANEOUS COOLING AND HEATING EFFICIENCY†					
SCHE, Ducted FCUs		34.0	COMPRESSORS		
SCHE, Ductless FCUs		35.0	Type (Number)	Hermetic Twin Rotary (1)	
COOLING EFFICIENCY†					
EER/IEER, Ducted FCUs	Btu/Wh	12.6/23.4	FAN MOTOR		
Power Consumption, Ducted FCUs	kW	4.69	Motor Output	kW	.43 x 1
EER/IEER, Ductless FCUs	Btu/Wh	13.5/26.5	PHYSICAL DATA		
Power Consumption, Ductless FCUs	kW	4.97	Pipe Connection Size - Liquid (High Pressure)	in.	1/2 (Brazed)
HEATING EFFICIENCY†			Pipe Connection Size - Gas (Low Pressure)	in.	3/4 (Brazed)
COP at 47°F, Ducted FCUs		4.18	Discharge - Gas (High/Low Pressure)		3/4 (Brazed)
Power Consumption, Ducted FCUs	kW	4.61	Refrigerant	R-410A	
COP at 47°F, Ductless FCUs		4.55	Factory Charge††	lb	13.2
Power Consumption, Ductless FCUs	kW	4.81	Unit Width	in.	39-1/2
Fan Type (Qty)		Propeller (1)	Unit Height	in.	66-1/2
Airflow, Standard Range	CFM	5721	Unit Depth	in.	31-1/4
Sound Pressure	dBA	56.0	Net Weight	lb	532
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

†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.

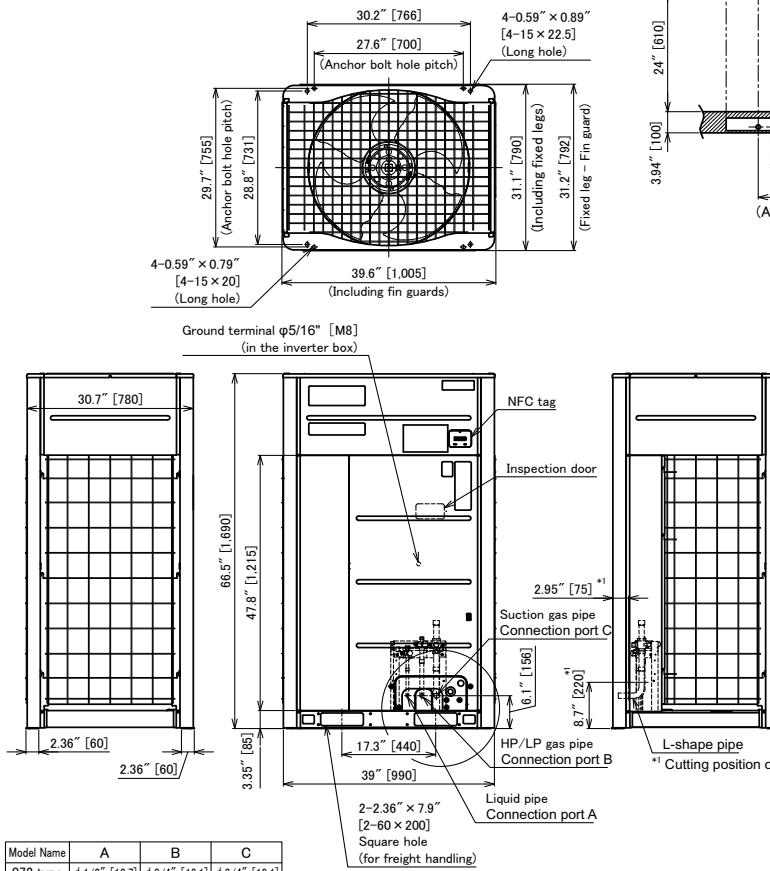
††Additional charge required.

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

DIMENSIONAL DRAWING OUTDOOR UNIT MMY-MUP072H1FT9PUL

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.



(Unit : in [mm])

