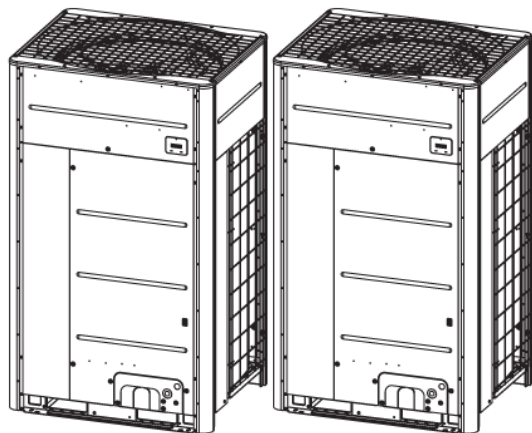


VRF Outdoor Unit MMY-UP144H1FT9P-UL - Elite Heat

TOSHIBA
Carrier

Submittal Data

Job Name _____ Location _____
Tag _____



A210612

Elite Heat 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 (-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-UP144H1FT9PUL
Header Unit Model		MMY-MUP072H1FT9PUL
Follower Unit Model		MMY-MUP072H1FT9PUL
PERFORMANCE		
Nominal Cooling Capacity	Btu/h	144,000
Nominal Heating Capacity	Btu/h	162,000
Maximum Number of Indoor Units		25
SIMULTANEOUS COOLING AND HEATING EFFICIENCY†		
SCHE, Ducted FCUs		35.0
SCHE, Ductless FCUs		36.0
COOLING EFFICIENCY†		
EER/IEER, Ducted FCUs	Btu/W h	12.9/23.4
Power Consumption, Ducted FCUs	kW	9.12
EER/IEER, Ductless FCUs	Btu/W h	13.4/25.0
Power Consumption, Ductless FCUs	kW	10.01
HEATING EFFICIENCY†		
COP at 47°F, Ducted FCUs		4.12
Power Consumption, Ducted FCUs	kW	9.38
COP at 47°F, Ductless FCUs		4.87
Power Consumption, Ductless FCUs	kW	8.98
Fan Type (Qty)		Propeller (2)
Airflow, Standard Range	CFM	5721 x 2
Sound Pressure	dBA	59.0
External Static Pressure*	in. wg	0.321 x 2

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	208-230/3/60
Minimum Circuit Amps (MCA)	A	36.6 x 2
Maximum Overcurrent Protection (MOCP)	A	45 x 2
COMPRESSORS		
Type (Number)		Hermetic Twin Rotary (2)
FAN MOTOR		
Motor Output	kW	0.43 x 2
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	1/2 x 2 (Brazed)
Pipe Connection Size - Gas (Low Pressure)	in.	3/4 x 2 (Brazed)
Discharge - Gas (High/Low Pressure)		3/4 x 2 (Brazed)
Refrigerant		R-410A
Factory Charge††	lb	13.2 x 2
Unit Width	in.	39-1/2 x 2
Unit Height	in.	66-1/2 x 2
Unit Depth	in.	31-1/4 x 2
Net Weight	lb	532 x 2

†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-UP144H1FT9P-UL

