# SHRMe VRF Outdoor Unit MMY-MAP1446FT2P-UL - Heat Recovery

Job Name

Tag



### SHRMe VRF Heat Recovery Features

- Two 6-ton single-phase modules are combined to form a 12-ton system
- Capable of simultaneous cooling and heating (flow selector boxes required)
- Modules have 2 inverter-driven twin rotary compressors
- Backup capability due to multiple compressors
- Compressor speed varied in 0.1 Hz increments for comfort and efficiency
- Direct drive, inverter-driven 64-step outdoor motor
- Up to 3281 ft (1000 m) actual total system piping (liquid line)

Up to 591 ft (180 m) actual piping length from outdoor unit to furthest fan coil

TOSHIBA

Carrier

- Up to 330 ft (100 m) outdoor control wirina
- Up to 6560 ft (2000 m) control wiring between outdoor and indoor units
- Operating temperature range Cooling (db): 14 to 122 F (-10 to 50 C)
- Heating (wb): -13 to 60 F (-25 to 15.6 C)
- Protection: high pressure switch, low pressure sensor and switch, PC fuse, inverter overload board protection 7-year compressor limited warranty,
- 5-year parts limited warranty

Header Unit Model	MMY-MAP0726FT2P-UL			
Follower Unit Model	MMY-MAP0726FT2P-UL			
PERFORMANCE				
Rated Cooling Capacity	Btu/h	138,000		
Rated Heating Capacity	Btu/h	154,000		
Maximum Total Connected Indoor Unit Capacity		Up to 150%		
SIMULTANEOUS COOLING AND HEATING EFFICIENCY*				
SCHE, Ducted FCUs		26.60		
SCHE, Ductless FCUs		31.30		
COOLING EFFICIENCY*				
EER/IEER, Ducted FCUs		12.20/20.00		
EER/IEER, Ductless FCUs		13.50/25.70		
HEATING EFFICIENCY*				
COP at 47 F, Ducted FCUs		3.57		
COP at 47 F, Ductless FCUs		3.77		
Fan Type (Qty)		Propeller (2)		
Airflow, Standard Range	CFM	6700 + 6700		
Sound Pressure, Cooling/Heating	dBA	60.0/63.0		
External Static Pressure†	in. wg	0.24		

#### LEGEND

db	—	Dry Bulb
000		0.46

- Coefficient of Performance Energy Efficiency Ratio EER
- FCU \_ Fan Coil Unit
- IEER Integrated Energy Efficiency Ratio
- Simultaneous Cooling and Heating Efficiency SCHE Wet Bulb wb

NOTE: Unit cabinet and coil slab shall be capable of withstanding 500-hour salt spray test in accordance with the ASTM (American Society for Testing and Materials, U.S.A.) B-117 Standard.

\*Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.

Cooling: Indoor 80 F (27 C) db/67 F (19 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

V/Ph/Hz	208-230/3/60
Α	52.1
А	60
	Inverter Twin Rotary (2)
kW	2 x 5.4
Inverter Direct Driven (64)	
kW	1.0 + 1.0
in.	5/8 (Flare)
in.	1-1/8 (Brazed)
in.	7/8 (Flare)
in.	3/8 (Flare)
	R-410A
lb	24.3
Munsell 1Y8.5/0.5	
in.	63.0
in.	72.9
in.	30.7
lb	838
	RBM-BT14FUL
	A A kW Inverte kW in. in. in. in. in. in. in. in. in.

†Requires setting by DIP switches.

\*Separate power supply is required. MCA and fuse size for both units are given.

††Main pipe size leaving connection kit.
\*\*\*Additional charge required.

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Location

ELECTRICAL

### DIMENSIONAL DRAWING OUTDOOR UNIT HEAT RECOVERY/SINGLE UNIT MMY-MAP1446FT2P-UL



## DIMENSIONAL DRAWING OUTDOOR UNIT HEAT RECOVERY/SINGLE UNIT MMY-MAP0726FT2P-UL





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