

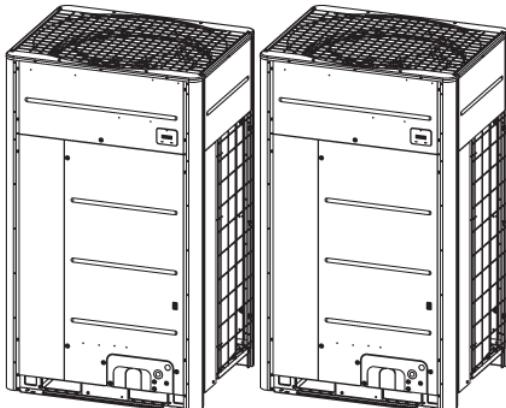
# VRF Outdoor Unit MMY-UP240H1FT6P-UL - Elite Heat

**TOSHIBA**  
**Carrier**

## Submittal Data

Job Name \_\_\_\_\_  
Tag \_\_\_\_\_

Location \_\_\_\_\_



### 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-UP240H1FT6P-UL	
Header Unit Model	MUP120H1FT6P-UL	
Follower Unit Model	MUP120H1FT6P-UL	
<b>PERFORMANCE</b>		
Nominal Cooling Capacity	Btu/h	240,000
Nominal Heating Capacity	Btu/h	270,000
Maximum Number of Indoor Units		43
<b>SIMULTANEOUS COOLING AND HEATING EFFICIENCY†</b>		
SCHE, Ducted FCUs		28.0
SCHE, Ductless FCUs		28.8
<b>COOLING EFFICIENCY†</b>		
EER/IEER, Ducted FCUs	Btu/Wh	12.1/22.5
Power Consumption, Ducted FCUs	kW	16.79
EER/IEER, Ductless FCUs	Btu/Wh	12.6/23.3
Power Consumption, Ductless FCUs	kW	17.70
<b>HEATING EFFICIENCY†</b>		
COP at 47°F, Ducted FCUs		3.60
Power Consumption, Ducted FCUs	kW	18.79
COP at 47°F, Ductless FCUs		4.40
Power Consumption, Ductless FCUs	kW	16.63
Fan Type (Qty)		Propeller (4)
Airflow, Standard Range	CFM	7416 x 2
Sound Pressure	dBA	63
External Static Pressure*	in. wg	0.321 x 2
<b>LEGEND</b>		
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	460/3/60
Minimum Circuit Amps (MCA)	A	25.4 x 2
Maximum Overcurrent Protection (MOCP)	A	30 x 2

### COMPRESSORS

Type (Number)		Hermetic Triple Rotary (2)
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### FAN MOTOR

Motor Output	kW	0.38 x 4
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### PHYSICAL DATA

Pipe Connection Size - Liquid (High Pressure)	in.	1/2 (Brazed)
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Pipe Connection Size - Gas (High/Low Pressure)	in.	3/4 (Brazed)
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Suction Gas		1-1/8 (Brazed)
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Refrigerant		R-410A
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Factory Charge††	lb	19.8 x 2
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Unit Width	in.	51-1/2 x 2
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Unit Height	in.	66-1/2 x 2
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Unit Depth	in.	31-1/4 x 2
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Net Weight	lb	776 x 2
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†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-UP240H1FT6P-UL

