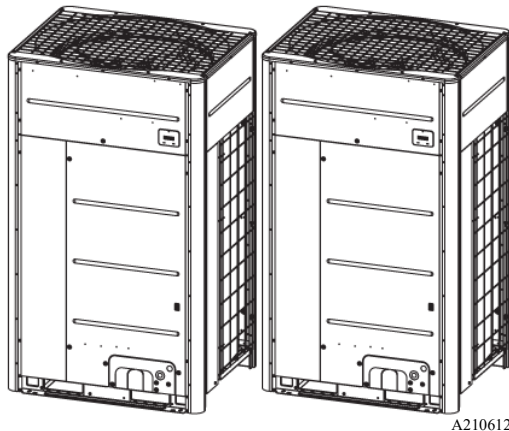


# VRF Outdoor Unit MMY-UP288H1FT9P-UL - Elite Heat

**TOSHIBA**  
*Carrier*

## Submittal Data

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



### Elite Heat 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): -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

A210612

SCHE — Simultaneous Cooling and Heating Efficiency

Combination Model		MMY-UP288H1FT9P-UL
Header Unit Model		MMY-MUP096H1FT9PUL
Follower Unit Model		MMY-MUP096H1FT9PUL
Follower Unit Model		MMY-MUP096H1FT9PUL
<b>PERFORMANCE</b>		
Nominal Cooling Capacity	Btu/h	288,000
Nominal Heating Capacity	Btu/h	324,000
Maximum Number of Indoor Units		51
<b>SIMULTANEOUS COOLING AND HEATING EFFICIENCY†</b>		
SCHE, Ducted FCUs		25.80
SCHE, Ductless FCUs		26.00
<b>COOLING EFFICIENCY†</b>		
EER/IEER, Ducted FCUs	Btu/Wh	11.6/19.8
Power Consumption, Ducted FCUs	kW	21.26
EER/IEER, Ductless FCUs	Btu/Wh	12.6/21.0
Power Consumption, Ductless FCUs	kW	21.22
<b>HEATING EFFICIENCY†</b>		
COP at 47°F, Ducted FCUs		3.59
Power Consumption, Ducted FCUs	kW	22.61
COP at 47°F, Ductless FCUs		3.90
Power Consumption, Ductless FCUs	kW	22.47
Fan Type (Qty)		Propeller (6)
Airflow, Standard Range	CFM	7240 x 3
Sound Pressure	dBA	65.8
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

<b>ELECTRICAL</b>		
Power Supply	V/Ph/Hz	208-230/3/60
Minimum Circuit Amps (MCA)	A	52.3 x 3
Maximum Overcurrent Protection (MOC)	A	60 x 3
<b>COMPRESSORS</b>		
Type (Number)		Hermetic Triple x 2
<b>FAN MOTOR</b>		
Motor Output	kW	(0.38 x 2) x 3
<b>PHYSICAL DATA</b>		
Pipe Connection Size - Liquid (High Pressure)	in.	1/2 x 3 (Brazed)
Discharge - Gas (High/Low Pressure)		3/4 x 3 (Brazed)
Suction Gas	in.	7/8 x 3 (Brazed)
Refrigerant		R-410A
Factory Charge††	lb	19.8 x 3
Unit Width	in.	51-1/2 x 3
Unit Height	in.	66-1/2 x 3
Unit Depth	in.	31-1/4 x 3
Net Weight	lb	783 x 3

†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.

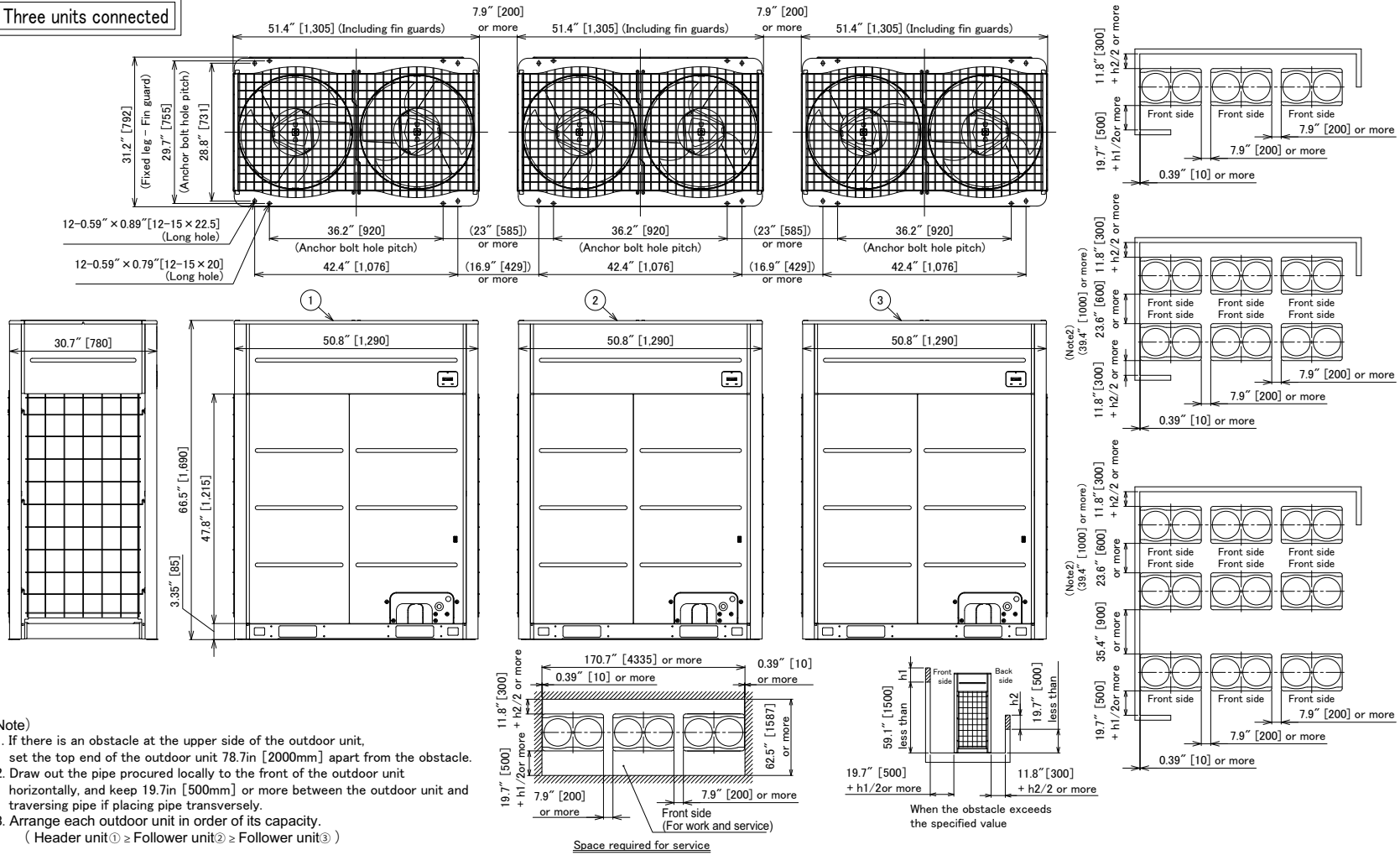
††Additional charge required.

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

# DIMENSIONAL DRAWING

## OUTDOOR UNIT MMY-UP288H1FT9P-UL

Three units connected



Model name	① Header unit	② Follower unit	③ Follower unit
MMY-UP288H1FT9PUL	MMY-MUP096H1FT9PUL	MMY-MUP096H1FT9PUL	MMY-MUP096H1FT9PUL

