

SSMS-e Single VRF Outdoor Unit MCY-MAP0487HS-UL—Heat Pump

TOSHIBA
Carrier

Submittal Data

Job Data _____ Location _____
 Buyer _____ Buyer PO # _____ Carrier # _____
 Unit Number _____ Model Number _____
 Performance Data Certified By _____ Date _____



SSMS-e VRF Heat Pump Features

- 3, 4, and 5-ton single-phase modules available
- Modules have inverter-driven twin rotary compressor
- 591 ft (180 m) actual total system piping (liquid line)
- 328 ft (100 m) actual piping length from outdoor unit to furthest fan coil
- Up to 330 ft (100 m) control wiring between outdoor units
- Up to 6560 ft (2000 m) control wiring between the outdoor units and indoor units
- Operating temperature range Cooling (db): 23 to 122 F (–5 to 50 C)
- Heating (wb): –13 to 60 F (–25 to 15.6 C)
- Protection: high pressure sensor and switch, low pressure sensor, process controller board fuse, inverter overload protection
- 7-year compressor limited warranty, 5-year parts limited warranty

Header Unit Model	MCY-MAP0487HS-UL	
PERFORMANCE		
Nominal Cooling Capacity	Btu/h	48,000
Nominal Heating Capacity	Btu/h	54,000
Maximum Total Connected Indoor Unit Capacity		Up to 135%
COOLING EFFICIENCY†		
SEER, Ducted FCUs	Btu/Wh	16.60
SEER, Ductless FCUs	Btu/Wh	21.00
HEATING EFFICIENCY†		
HSPF, Ducted FCUs		9.50
HSPF, Ductless FCUs		11.50
Fan Type (Qty)		Propeller (2)
Airflow	CFM	4690
Combined System Sound Pressure, Cooling/Heating	dBA	54.0/57.0
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	36.3
Recommended Fuse Size	A	40

COMPRESSORS		
Type (Number)		Hermetic Twin Rotary (1)
Motor Output	kW	3.75
FAN MOTOR		
Motor Type (Steps)		Propeller Fan (2)
Motor Output	kW	0.10 + 0.10
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	3/8 (Flare)
Pipe Connection Size - Gas (Low Pressure)	in.	5/8 (Flare)
Refrigerant		R-410A
Factory Charge††	lb	14.8
External Finish		Munsell 1Y8.5/0.5
Unit Width	in.	39.8
Unit Height	in.	61.0
Unit Depth	in.	14.6
Unit Net Weight	lb	311

LEGEND

db — Dry Bulb
 SEER — Seasonal Energy Efficiency Ratio
 FCU — Fan Coil Unit
 HSPF — Heating Seasonal Performance Factor
 wb — Wet Bulb

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

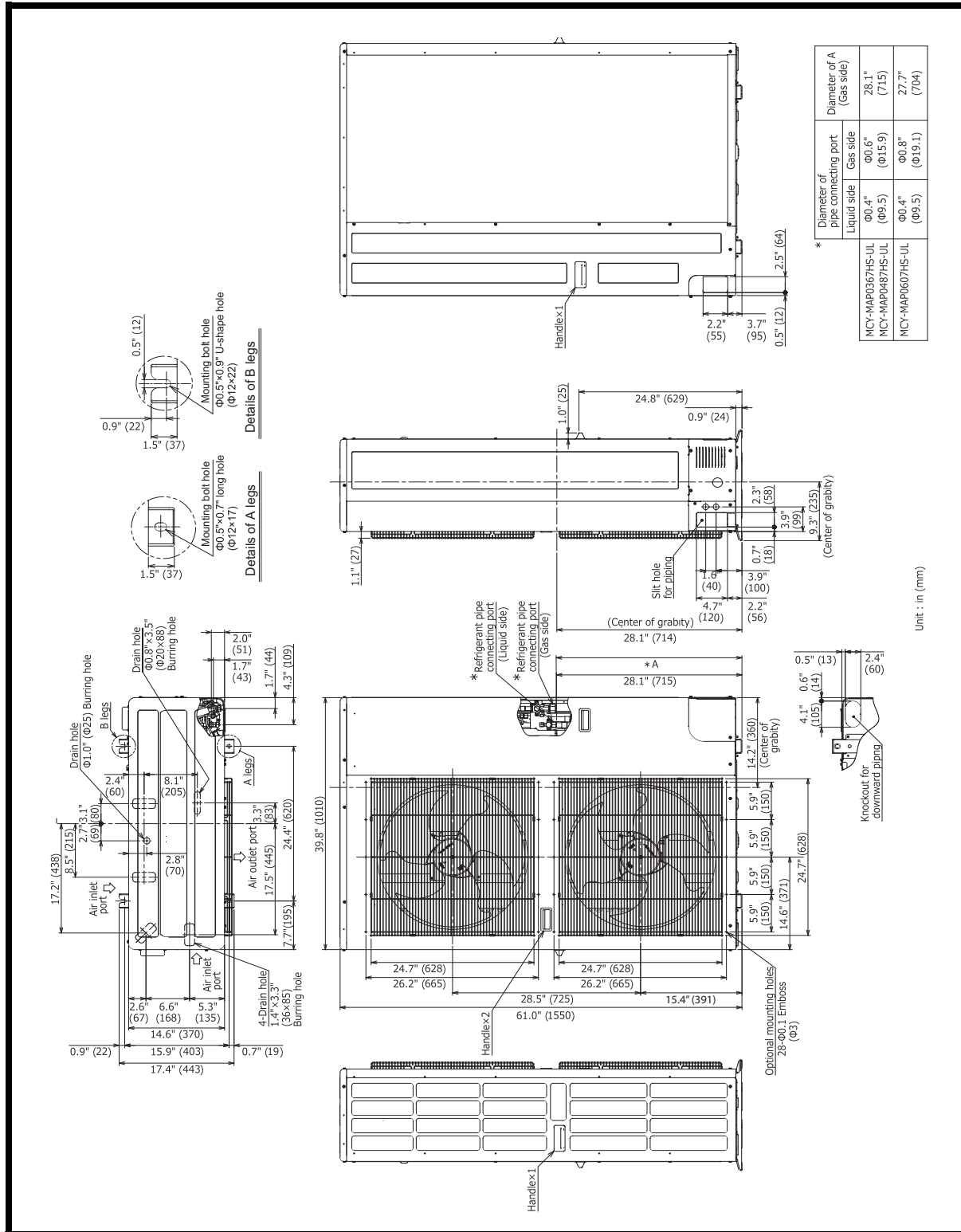
Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db

Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

††Additional charge required.

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

OUTDOOR UNIT HEAT PUMP MCY-MAP0487HS-UL DIMENSIONAL DRAWING



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Pg 2

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Replaces: NEW