Submittal Data

Job Data _________________________________ Location _______________________________
Buyer ______________________  Buyer PO # ____________ Carrier # _____________________
Unit Number ________________________ Model Number ________________________________
Performance Data Certified By _______________________________ Date____________________

SHRM VRF Heat Recovery Features

- 6, 8, 10, 12, and 14-ton modules available
- 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
- Modules can be combined to form larger systems, up to 38 tons
- 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
- Up to 330 ft (100 m) outdoor control wiring
- 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 board fuse, inverter overload protection
- 7-year compressor limited warranty, 5-year parts limited warranty

Header Unit Model MMY-MAP0726FT9P-UL

PERFORMANCE

- Nominal Cooling Capacity Btu/h 72,000
- Nominal Heating Capacity Btu/h 81,000
- Maximum Total Connected Indoor Unit Capacity Up to 150%

SIMULTANEOUS COOLING AND HEATING EFFICIENCY*

- SCHE, Ducted FCUs 27.80
- SCHE, Ductless FCUs 30.60

COOLING EFFICIENCY*

- EER/IEER, Ducted FCUs 13.20/20.60
- EER/IEER, Ductless FCUs 15.00/27.40

HEATING EFFICIENCY*

- COP at 47 F, Ducted FCUs 3.50
- COP at 47 F, Ductless FCUs 3.67

ELECTRICAL

- Power Supply V/Ph/Hz 208-230/3/60
- Minimum Circuit Amps (MCA) A 23.3
- Recommended Fuse Size A 30

COMPRESSORS

- Type (Number) Inverter Twin Rotary (2)
- Motor Output kW 2 x 2.1

FAN MOTOR

- Motor Type (Steps) Inverter Direct Driven (64)
- Motor Output kW 1.0

PHYSICAL DATA

- Refrigerant R-410A
- Factory Charge** lb 24.3
- External Finish Munsell 1Y8.5/0.5
- Unit Width in. 39.0
- Unit Height in. 72.9
- Unit Depth in. 30.7
- Unit Net Weight lb 574

LEGEND

- db — Dry Bulb
- COP — Coefficient of Performance
- EER — Energy Efficiency Ratio
- FCU — Fan Coil Unit
- IEER — Integrated Energy Efficiency Ratio
- SCHE — Simultaneous Cooling and Heating Efficiency
- wb — Wet Bulb

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.


Cooling: Indoor 80 F (35 C) db/67 F (27 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 DIP switches.
**Additional charge required.
NOTES:
1. If there is an obstacle at the upper side of the outdoor unit, set the top end of the outdoor unit 78.7 in. (2000 mm) apart from the obstacle.
2. Limit the height of the obstacle surrounding the outdoor unit to 31.5 in. (800 mm) or less from the bottom end of the outdoor unit.
3. Draw out the pipe procured locally to the front of the outdoor unit horizontally and keep 19.7 in. (500 mm) or more between the outdoor unit and traversing pipe if placing pipe transversely.
4. Dimensions are in inches (mm).

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