

VRF Outdoor Unit 38VMA264RDS6-1 - Heat Recovery



Submittal Data

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



Heat Recovery Features

- Modules available from 6 to 28 tons
- Modules have inverter-driven scroll compressors
- Direct-drive, inverter-driven outdoor motor
- Up to 3280 ft (1000 m) actual total system piping (liquid line)
- 656 ft (200 m) actual piping length from outdoor unit to furthest fan coil
- Up to 3937 ft (1200 m) control wiring between the outdoor units and indoor units

- Operating temperature range
Cooling (db): 5° to 125°F (-15° to 52°C)
Heating (wb): -13° to 64°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

| | | |
|---|--------|----------------|
| Header Model | | 38VMA264RDS6-1 |
| PERFORMANCE | | |
| Nominal Cooling Capacity | Btu/h | 264,000 |
| Nominal Heating Capacity | Btu/h | 295,000 |
| Maximum Total Connected Indoor Unit Capacity | | 50% to 150% |
| SIMULTANEOUS COOLING AND HEATING EFFICIENCY† | | |
| SCHE, Ducted FCUs | | 27.5 |
| SCHE, Ductless FCUs | | 29.6 |
| COOLING EFFICIENCY† | | |
| EER/IEER, Ducted FCUs | Btu/Wh | 10.4/21.0 |
| Power Consumption, Ducted FCUs | kW | 23.94 |
| EER/IEER, Ductless FCUs | Btu/Wh | 10.7/22.0 |
| Power Consumption, Ductless FCUs | kW | 23.27 |
| HEATING EFFICIENCY† | | |
| COP at 47°F, Ducted FCUs | W/W | 3.49 |
| Power Consumption, Ducted FCUs | kW | 23.68 |
| COP at 47°F, Ductless FCUs | W/W | 3.52 |
| Power Consumption, Ductless FCUs | kW | 23.48 |
| Fan Type (Qty) | | Propeller (4) |
| Airflow, Standard Range | CFM | 15,500 |
| Sound Pressure | dBA | 65.8 |
| External Static Pressure* | in. wg | 0.24 |

LEGEND

| | |
|------|---|
| 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 | 54 |
| Recommended Fuse Size | A | 60 |
| COMPRESSORS | | |
| Type (Number) | | Inverter Hermetic Scroll (3) |
| FAN MOTOR | | |
| Motor Type (Steps) | | Brushless DC (35) |
| Motor Output | kW | 0.28 x 4 |
| PHYSICAL DATA | | |
| Pipe Connection Size - Liquid (High Pressure) | in. | 1-1/8 |
| Pipe Connection Size - Gas (Low Pressure) | in. | 1-3/8 |
| Refrigerant | | R-410A |
| Factory Charge†† | lb | 77.2 |
| Unit Width | in. | 105-7/8 |
| Unit Height | in. | 64-3/8 |
| Unit Depth | in. | 31-1/8 |
| Net Weight | lb | 1627 |

†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

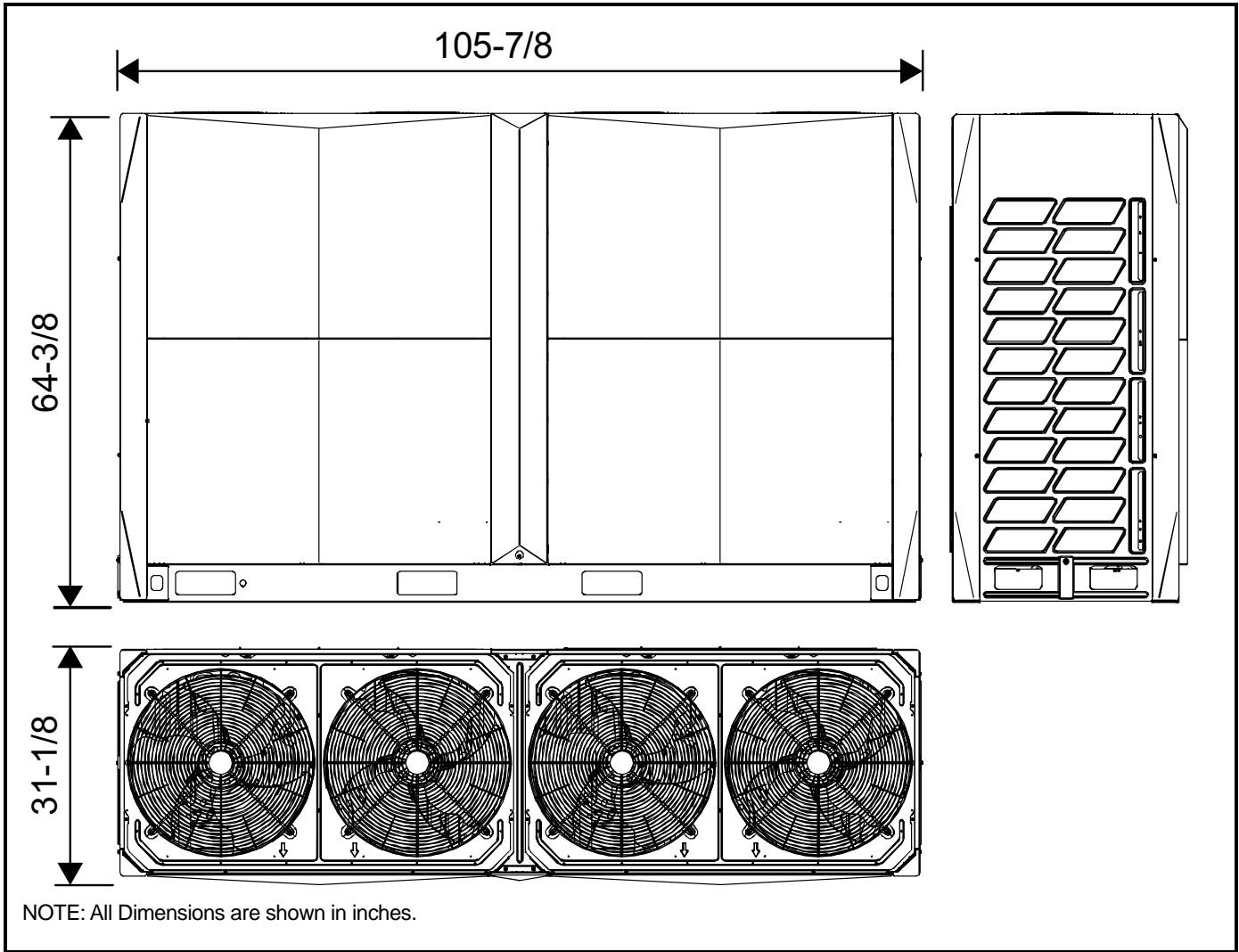
*Requires setting by menu functions.

††Additional charge required.

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

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

DIMENSIONAL DRAWING OUTDOOR UNIT 38VMA264RDS6-1



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