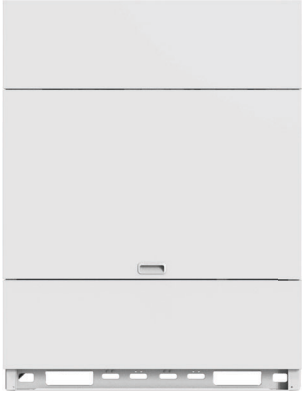
# 37VMH
# VRF Heat Pump Outdoor Unit
# 37VMA144HDS6-1

# Submittal Data

Job Name _____ Location _____

Tag _____



A261290

**Fig. 1 – Heat Pump Outdoor Unit**

## VRF Heat Pump Features

- Systems are offered as heat pump only.
- Units are offered in 3ph 60Hz 230V (208V-230V) and 3ph 60Hz 460V configurations.
- Indoor units are powered from a dedicated power supply (not powered by outdoor unit).
- The system will utilize R-454B as a refrigerant.
- Heating Operation Range: -22°F to 86°F
- Cooling Operation Range: 5°F to 126°F

| UNIT MODEL | 37VMA144HDS6-1 | |
|---|---|---|
| **PERFORMANCE** | | |
| Cooling Capacity | Btu/h | 144,000 |
| Heating Capacity | Btu/h | 160,000 |
| Maximum Total Connected Indoor Units | | 23 |
| **COOLING EFFICIENCY*** | | |
| EER, Ducted FCUs | Btu/Wh | 10.7 |
| EER, Ductless FCUs | Btu/Wh | 11.2 |
| IEER, Ducted FCUs | Btu/Wh | 20.8 |
| IEER, Ductless FCUs | Btu/Wh | 22.7 |
| **HEATING EFFICIENCY*** | | |
| COP, Ducted FCUs | kW | 3.4 |
| COP, Ductless FCUs | kW | 3.5 |
| Airflow | CFM | 9500 |
| System Sound Pressure, Cooling/Heating | dBA | 64/66 |
| **ELECTRICAL** | | |
| Power Supply | V/Ph/Hz | 460/3/60 |
| Minimum Circuit Amps (MCA) | A | 34 |
| Maximum Overcurrent Protection (MOP) | A | 40 |

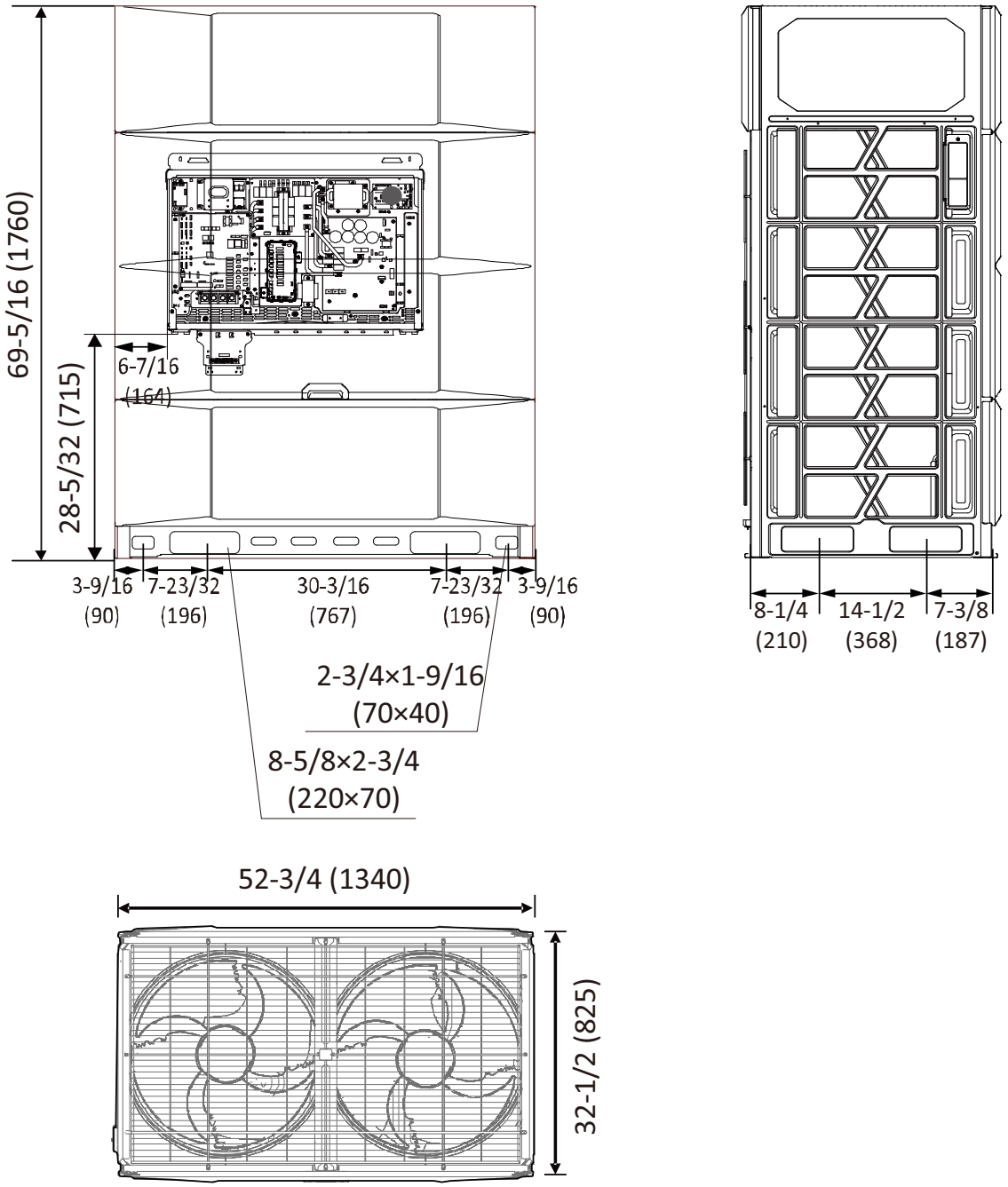
| **COMPRESSORS** | | |
|---|---|---|
| Type (Number) | DC Inverter Scroll (2) | |
| Compressor Rated Load Amps | A | 13.3 + 13.3 |
| **FAN MOTOR** | | |
| Motor Type (Qty.) | Propeller Fan (2) | |
| Motor Output | W | 690 + 690 |
| **PHYSICAL DATA** | | |
| Pipe Connection Size - Gas (Low Pressure) | in. | 1-1/8 |
| Pipe Connection Size - Liquid (High Pressure) | in. | 1/2 |
| Refrigerant | | R-454B |
| Factory Charge† | lbs. | 22.04 |
| Unit Width | in. | 52-3/4 |
| Unit Height | in. | 69-5/16 |
| Unit Depth | in. | 32-1/2 |
| Unit Net Weight | lbs. | 825 |

*. Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 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.

**Footnote Legend**

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

# OUTDOOR UNIT HEAT PUMP 37VMA144HDS6-1
# DIMENSIONAL DRAWING




A261296

**Fig. 2 – Dimensional Drawing**

©2026 Carrier. All rights reserved.
A Carrier Company

Edition Date: 09/26

**Catalog No: 37VMA144HDS6-1-B-1SD**
Replaces: New

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