

37VMH VRF Heat Pump Outdoor Unit 37VMA336HDS5-1



Submittal Data

Job Name _____ Location _____
Tag _____



Fig. 1 – Heat Pump Outdoor Unit

A261315

UNIT MODEL		37VMA336HDS5-1
MODULES USED		37VMA168HDS5-1 37VMA168HDS5-1
PERFORMANCE		
Cooling Capacity	Btu/h	336,000
Heating Capacity	Btu/h	358,000
Maximum Total Connected Indoor Units		56
COOLING EFFICIENCY*		
EER, Ducted FCUs	Btu/Wh	9.8
EER, Ductless FCUs	Btu/Wh	9.6
IEER, Ducted FCUs	Btu/Wh	19
IEER, Ductless FCUs	Btu/Wh	20
HEATING EFFICIENCY*		
COP, Ducted FCUs	kW	3.3
COP, Ductless FCUs	kW	3.3
Airflow	CFM	10333 + 10333
System Sound Pressure, Cooling/Heating	dBA	67/69
Minimum Circuit Amps (MCA)	A	62 + 62
Maximum Overcurrent Protection (MOP)	A	80 + 80

*. 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.

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

ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/3/60
Minimum Circuit Amps (MCA)	A	62 + 62
Maximum Overcurrent Protection (MOP)	A	80 + 80
COMPRESSORS		
Type (Number)	DC Inverter Scroll x 2 (2)	
Compressor Rated Load Amps	A	(25.4 + 25.4) + (25.4 + 25.4)
FAN MOTOR		
Motor Type (Qty.)	Propeller Fan x 2 (2)	
Motor Output	W	(840+840) + (840+840)
PHYSICAL DATA		
Pipe Connection Size - Gas (Low Pressure)	in.	1-1/8 + 1-1/8
Pipe Connection Size - Liquid (High Pressure)	in.	5/8 + 5/8
Refrigerant	R-454B	
Factory Charge†	lbs.	22.04 + 22.04
Unit Width	in.	52-3/4 x 2
Unit Height	in.	69-5/16 x 2
Unit Depth	in.	32-1/2 x 2
Unit Net Weight	lbs.	807 + 807

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 37VMA336HDS5-1
DIMENSIONAL DRAWING

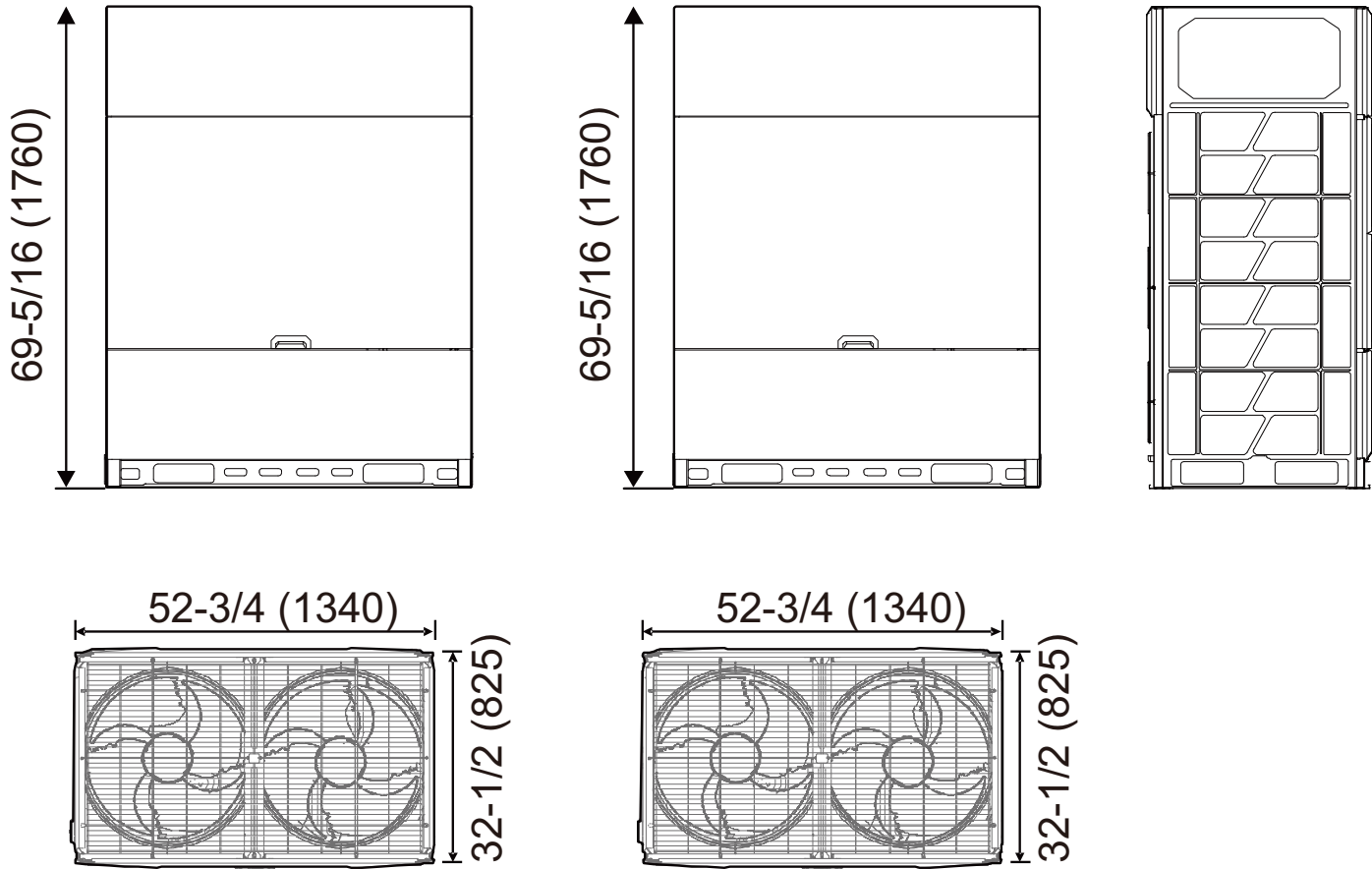


Fig. 2 – Dimensional Drawing

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