37VMH
VRF High Heat Heat Pump Outdoor Unit
37VMA096HDS6H1

Submittal Data

Job Name _____ Location _____

Tag _____

Fig. 1 – High Heat Heat Pump Outdoor Unit

A261290

VRF High Heat 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	37VMA096HDS6H1	
PERFORMANCE		
Nominal Cooling Capacity	Btu/h	96,000
Nominal Heating Capacity	Btu/h	108,000
Maximum Total Connected Indoor Units		16
COOLING EFFICIENCY*		
EER, Ducted FCUs	Btu/Wh	11.8
EER, Ductless FCUs	Btu/Wh	12.5
IEER, Ducted FCUs	Btu/Wh	22
IEER, Ductless FCUs	Btu/Wh	24.5
HEATING EFFICIENCY*		
COP, Ducted FCUs	kW	3.8
COP, Ductless FCUs	kW	4.05
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	35
Maximum Overcurrent Protection (MOP)	A	40

COMPRESSORS		
Type (Number)	DC Inverter Scroll (2)	
Compressor Rated Load Amps	A	12.9 + 12.9
FAN MOTOR		
Motor Type (Qty.)	Propeller Fan (2)	
Motor Output	W	720 + 720
PHYSICAL DATA		
Pipe Connection Size - Gas (Low Pressure)	in.	7/8
Pipe Connection Size - Liquid (High Pressure)	in.	3/8
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.

OUTDOOR UNIT HIGH HEAT HEAT PUMP 37VMA096HDS6H1 DIMENSIONAL DRAWING

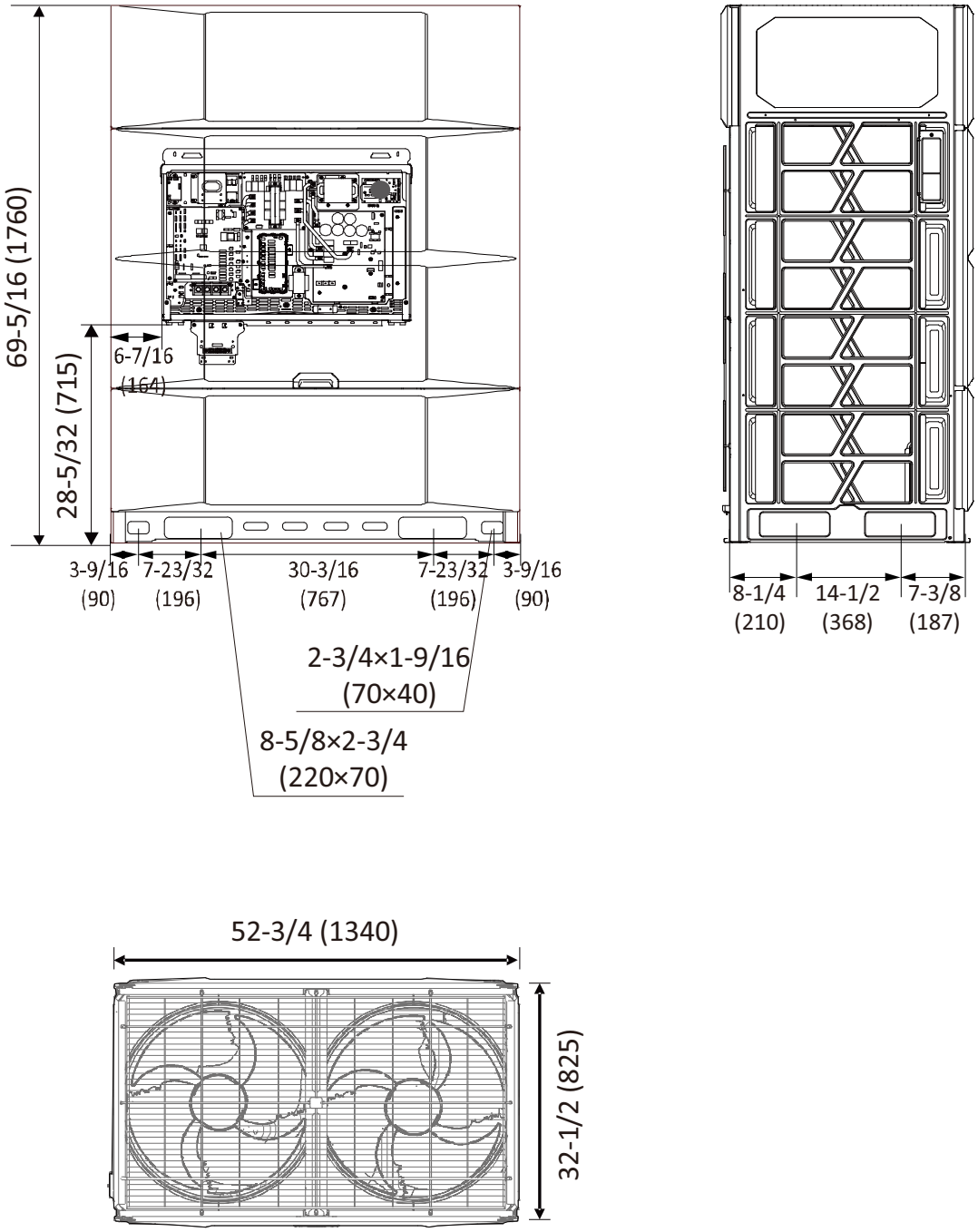

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Fig. 2 – Dimensional Drawing

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