## Single Phase VRF Outdoor Unit 37VMH060HDS3---3—Heat Pump



## Submittal Data

Job Name \_\_\_\_\_

Tag \_



Location \_\_\_\_\_

## Standard Features

- High Efficiency Rotary Inverter Compressor
- Optimized Compressor Start-Up Technology
- DC Condenser Fan Motor
- · Aerodynamic Fan Design for Increased Airflow
- · Field Configurable Four Side Piping Connection
- 492 ft (150m) actual total system piping (liquid line)

UNIT MODEL	37VMH060HDS33			
PERFORMANCE				
Nominal Cooling Capacity, Ducted	Btu/h	52,000		
Nominal Cooling Capacity, Ductless		60,000		
Nominal Heating Capacity, Ducted	Btu/h	54,000		
Nominal Heating Capacity, Ductless		60,000		
Maximum Number of Connected		9		
Indoor Units		9		
COOLING EFFICIENCY†				
EER2, Ducted FCUs	Btu/Wh	10.0		
EER2, Ductless FCUs	Btu/Wh	9.5		
SEER2, Ducted FCUs	Btu/Wh	16.0		
SEER2, Ductless FCUs	Btu/Wh	19.5		
HEATING EFFICIENCY <sup>†</sup>				
HSPF IV, Ducted FCUs	Btu/Wh	9.30		
HSPF IV, Ductless FCUs	Btu/Wh	10.10		
COP (47°F), Ducted		3.5		
COP (47°F), Ductless		3.9		
SOUND PRESSURE	dBA	60		
ELECTRICAL				
Power Supply	V/Ph/Hz	208-230/1/60		
Min. Circuit Amps (MCA)	А	35		
Max.Oversurrent Protection (MOP)	Α	40		

† 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 Reference R410Asubmittals for reference.

++ Additional charge required

COMPRESSORS		-		
Type (Number)		DC Inverter (1)		
FAN MOTOR				
Motor Type (Qty)		DC (2)		
Motor Output	W	100 + 100		
PHYSICAL DATA				
Pipe Connection Size - Liquid	in.	3/4		
(High Pressure)		3/4		
Pipe Connection Size - Gas (Low	in.	3/8		
Pressure)		5/0		
Refrigerant	R-454B			
Factory Charge (3 ton unit) ††	lb	6.83		
Factory Charge (4/5 ton unit) ††	U	9.04		
DIMENSIONS				
Unit Width	in.	38-1/2		
Unit Height	in.	52-1/4		
Unit Depth	in.	15-3/4		
Net Weight	lb	227		
OPERATING TEMPERATURE RANG				
Cooling (DB)	۴F	5~125		
Heating (WB)	۴F	-22~86		

 95°F dry bulb/75°F wet bulb outdoor air temperature and 80°F dry bulb/67°F wet bulb entering indoor coil air;

 47°F dry bulb/43°F wet bulb outdoor air temperature and 70°F dry bulb/60°F wet bulb entering indoor coil air;

 5°F dry bulb/3°F wet bulb outdoor air temperature and 70°F dry bulb/ 60°F wet bulb entering indoor coil air;

4. When matched with ducted multi-position air handler unit;

5. When matched with ductless indoor unit;

The above data may be changed without notice for future improvement on quality and performance.

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## **DIMENSIONAL DRAWING** OUTDOOR UNIT 37VMH060HDS3---3



**Top View** 

Model (Ton)	Α	В	С	D	E	F	G	Н	I
4.0/5.0	35-5/8	38-1/2	13-7/8	12-1/4	16	23-5/8	52-1/4	14-3/16	15-3/4



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