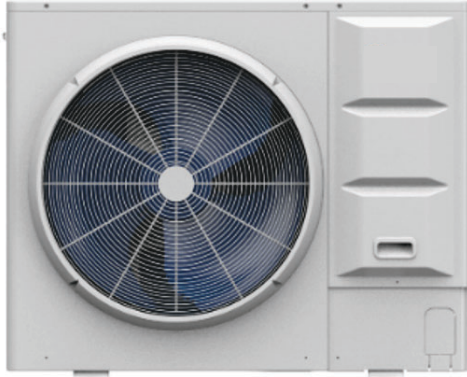


# Single Phase VRF Outdoor Unit 37VMH036HDS3---3—Heat Pump



## Submittal Data

Job Name \_\_\_\_\_ Location \_\_\_\_\_  
Tag \_\_\_\_\_



### Standard Features

- High Efficiency Rotary Inverter Compressor
- Optimized Compressor Start-Up Technology
- DC Condenser Fan Motor
- Aerodynamic Fan Design for Increased Airflow
- 984 ft (300 m) actual total system piping (liquid line)

UNIT MODEL		37VMH036HDS3---3
PERFORMANCE		
Nominal Cooling Capacity, Ducted	Btu/h	34,000
Nominal Cooling Capacity, Ductless		36,000
Nominal Heating Capacity, Ducted	Btu/h	36,000
Nominal Heating Capacity, Ductless		40,000
Maximum Number of Connected Indoor Units		5
COOLING EFFICIENCY†		
EER2, Ducted FCUs	Btu/Wh	11.7
EER2, Ductless FCUs	Btu/Wh	13.3
SEER2, Ducted FCUs	Btu/Wh	17.2
SEER2, Ductless FCUs	Btu/Wh	20
HEATING EFFICIENCY†		
HSPF IV, Ducted FCUs	Btu/Wh	9.40
HSPF IV, Ductless FCUs	Btu/Wh	10.10
COP (47°F), Ducted		1.90
COP (47°F), Ductless		2.0
SOUND PRESSURE	dBA	59
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Min. Circuit Amps (MCA)	A	25
Max. Oversurrent Protection (MOP)	A	30

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

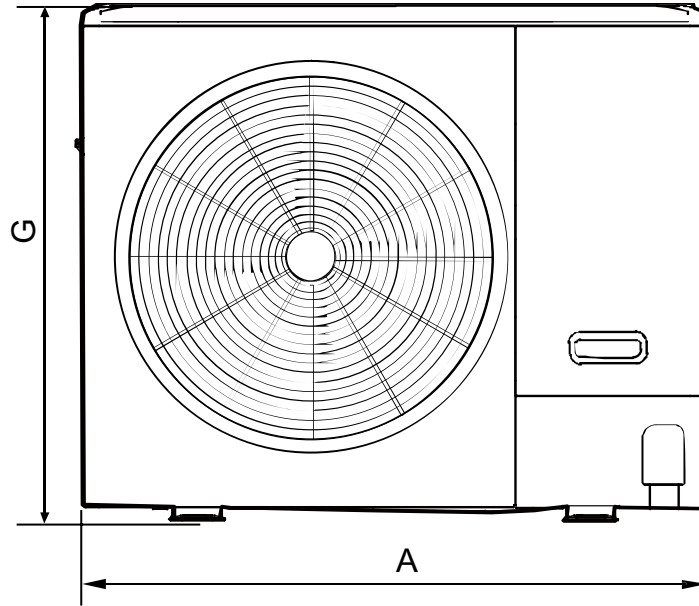
Cooling: Indoor 80°F (27°C) db / 67°F (20°C) wb; Outdoor 95°F (35°C) db  
Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db / 43°F (6°C) wb  
Reference R410A submittals for reference.

†† Additional charge required

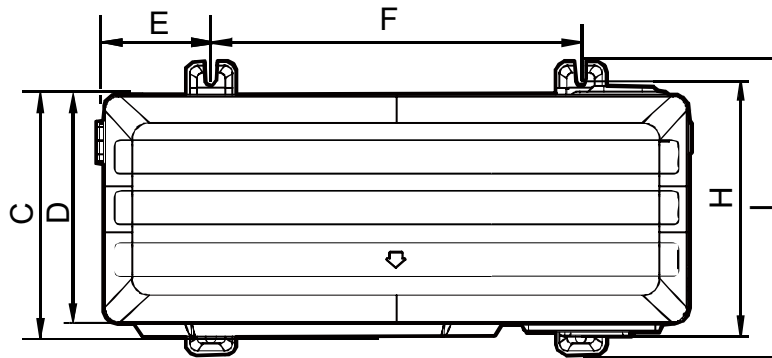
COMPRESSORS		
Type (Number)		DC Inverter (1)
FAN MOTOR		
Motor Type (Qty)		DC (1)
Motor Output	W	200
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	3/8
Pipe Connection Size - Gas (Low Pressure)	in.	5/8
Refrigerant		R-454B
Factory Charge (3 ton unit) ††	lb	6.83
Factory Charge (4/5 ton unit) ††		9.04
DIMENSIONS		
Unit Width	in.	40-3/4
Unit Height	in.	34
Unit Depth	in.	20-1/2
Net Weight	lb	207
OPERATING TEMPERATURE RANGE		
Cooling (DB)	°F	5~125
Heating (WB)	°F	-22~86

1. 95°F dry bulb/75°F wet bulb outdoor air temperature and 80°F dry bulb/67°F wet bulb entering indoor coil air;
2. 47°F dry bulb/43°F wet bulb outdoor air temperature and 70°F dry bulb/60°F wet bulb entering indoor coil air;
3. 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;
6. The above data may be changed without notice for future improvement on quality and performance.

# DIMENSIONAL DRAWING OUTDOOR UNIT 37VMH036HDS3---3



Front View



Top View

Model (Ton)	A	B	C	D	E	F	G	H	I
3.0	40-3/4	/	17-1/16	16-1/8	7-1/2	25-3/4	34	18	20-9/16

