

**Submittal Data: TMVRF-OC36KHP** 36,000 BTU/h VRF Condenser Heat Pump

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
Unit Designation	Schedule No.	

**GENERAL FEATURES**

- Sensorless DC Inverter Fan Motor
- Comfortable and Quiet Mode
- Non-Polar CAN Technology for Improved Communication

**Efficiency**

- Non-commutative Oil return technology in Heating
- Reliable Operation



**Performance**

<b>US Ton</b>	3
<b>Cooling</b>	
Rated Capacity	37,500 BTU/h 10.99 kW
SEER	16
<b>Heating</b>	
Rated Capacity	42,000 BTU/h 12.31 kW
HSPF	9.0
<b>Capacity Modulation Range</b>	15 - 100 %
<b>Operating Range</b>	
Cooling (Min-Max)	23~118°F (-5~48°C)
Heating (Min-Max)	-4~81°F (-20~27°C)

**Unit Data**

<b>Fan</b>	
Type x Qty	Propeller x 2
Output Power	120 W
<b>Airflow</b>	
	3531 CFM 6000 m³/h
<b>Compressor</b>	
Type x Qty	DC Inverter Driven Rotary
Lubricant (Charge)	FV50S (1 L)
<b>Sound Pressure Level</b>	
	55 dB(A)
<b>Indoor Units</b>	
Max Qty	7
<b>Dimensions &amp; Weights</b>	
Unit Dimensions (WxHxD)	35.43x52.95x13.39-in
Weight (Net/Gross)	243/265 LBS

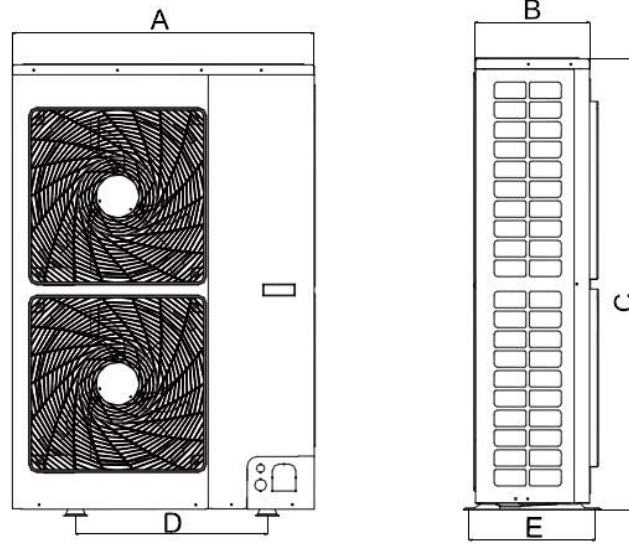
**Electrical & Power Supply**

Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Rated Current	32 A
MOCP/Breaker Size	50 A

**Refrigerant and Piping**

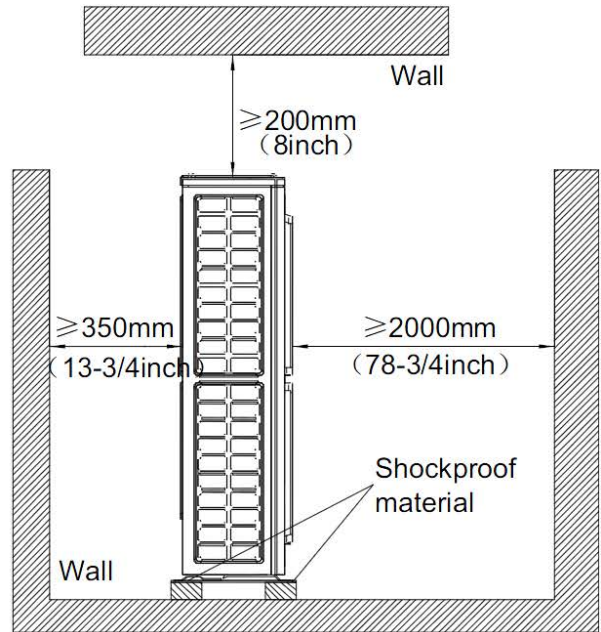
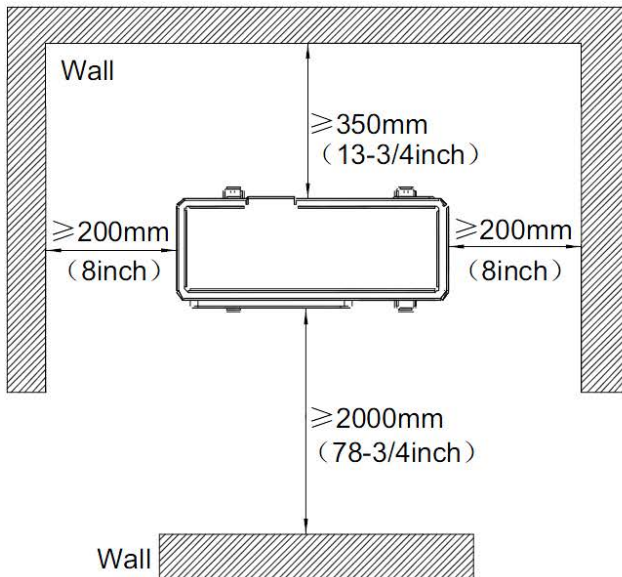
Refrigerant Type	R410A
Refrigerant Charge	176.4 oz
Gas Pipe Size (OD)	5/8-in
Liquid Pipe Size (OD)	3/8-in
Connection Method	Flared
MAX Refrigerant Pipe Length	394-ft
MIN Refrigerant Pipe Length	10-ft

## DIMENSIONAL SPECIFICATIONS



Unit:mm(inch)

A	B	C	D	E
900(35-3/8)	340(13-3/8)	1345 (53)	572(22-1/2)	378 (15)



**Notes:**

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

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