

Submittal Data: TMVRF-OC48KHP 48,000 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

US Ton	4
Cooling	
Rated Capacity	48,000 BTU/h 14.1 kW
SEER	16
EER	3.18
Heating	
Rated Capacity	42,000 BTU/h 12.3 kW
HSPF	9.0
Capacity Modulation Range	
	15 - 100 %
Operating Range	
Cooling (Min-Max)	23~118°F (-5~48°C)
Heating (Min-Max)	-4~81°F (-20~27°C)

Unit Data

Fan	
Type x Qty	Propeller x 2
Output Power	120 W
Airflow	
	3708 CFM 6300 m³/h
Compressor	
Type x Qty	DC Inverter Driven Rotary
Lubricant (Charge)	FV50S (1 L)
Output Power	0 W
Sound Pressure Level	
	56 dB(A)
Indoor Units	
Max Qty	8
Dimensions & Weights	
Unit Dimensions (WxHxD)	35.43×52.95×13.39-in
Weight (Net/Gross)	243/265 LBS

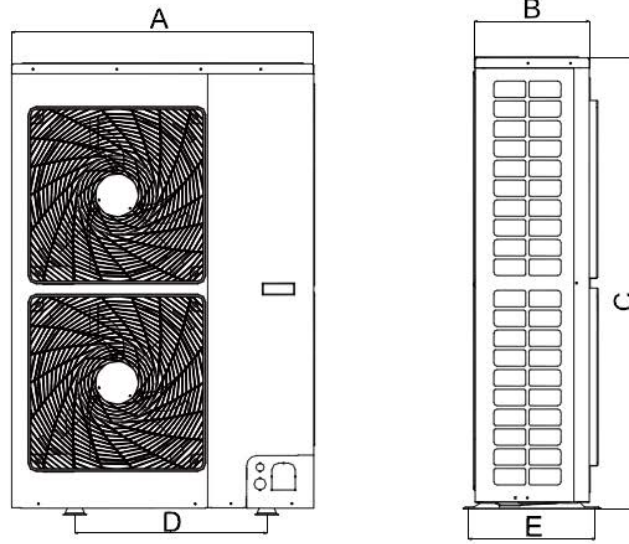
Electrical & Power Supply

Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Rated Current	37 A
MOCP/Breaker Size	60 A

Refrigerant and Piping

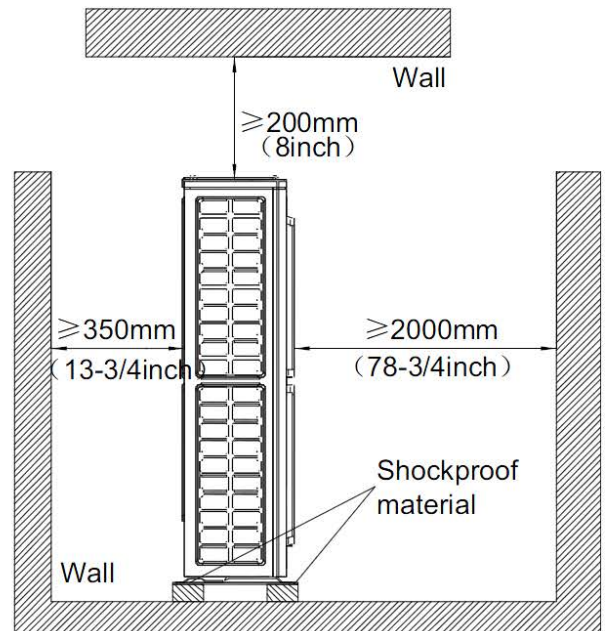
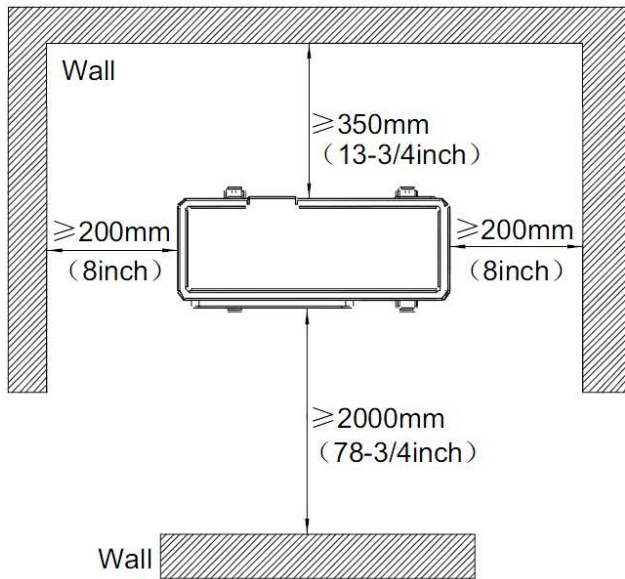
Refrigerant Type	R410A
Refrigerant Charge	176.4 oz
Gas Pipe Size (OD)	5/8-in
Liquid Pipe Size (OD)	3/8-in
Connection Method	Flared
MAX Refrigerant Pipe Length	394-ft
MIN Refrigerant Pipe Length	10-ft

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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