

VRF Heat Pump	MODEL: TVRF-OC96KHP/220V	<b>TOSOT</b>
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Job Name: \_\_\_\_\_  
 Engineer Name: \_\_\_\_\_  
 System No: \_\_\_\_\_

Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Date: \_\_\_\_\_

**OUTDOOR VRF SYSTEM FEATURES**

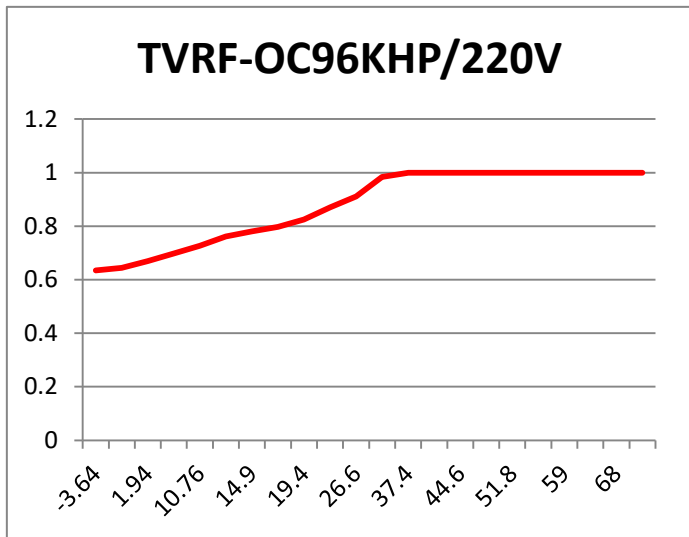
- \* Emergency Function
- \* Emergency Operation Of Compressor
- \* Emergency Operation Of Fan
- \* Highly Anticorrosive Golden Fins
- \* Low Noise Of Outdoor Unit
- \* New Oil Return Control
- \* Compact Design
- \* Five-Way Piping Connection
- \* Five Efficient Operation Modes



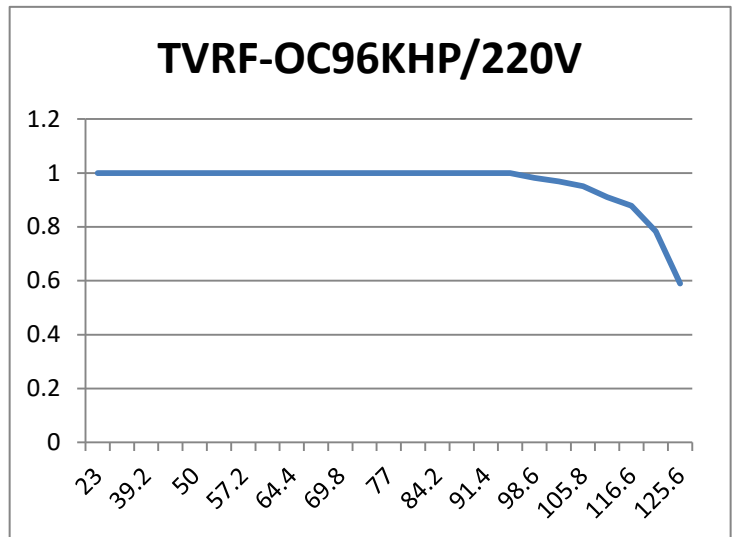
Specifications		Model Name
Unit Type		TVRF-OC96KHP/220V
Nominal Cooling Capacity	Btu/h	92,000
Nominal Heating Capacity	Btu/h	103,000
External Dimensions WxHxD	In.	52-3/4 x 63-1/4 x 30-1/8
	mm	1340 x 1605 x 765
Net Weight	Lbs. / Kg	662/300
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 3-phase, 60HZ
Cooling Power Input	KW	7.3
Heating Power Input	KW	7.85
Minimum Circuit Ampacity (MCA)	A	45
Maximum Circuit Breaker Size	A	70
Piping Diameter (Brazed) (In./mm)	Low pressure Gas Pipe	7/8   22.2
	High pressure Liquid Pipe	3/8   9.52
Indoor Unit	Total Capacity	50 to 135% of Outdoor Unit Capacity
	Model/Quantity	
Maximum Number of Connected IDUs	units	16
Min. Capacity Range of Connected IDU	kBtu/h	48
Max. Capacity Range of Connected IDU	kBtu/h	129.6
Sound Pressure Level	db(A)	61

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<b>Fan</b>		
Type x Quantity		Propellerx2
Airflow Rate	CFM	8239
Direct-drive inverter Motor Output	W	750
<b>Compressor</b>		
Compressor Operation Range		12%~100%
Compressor Type x Quantity		Inverter scroll typex1
Compressor Motor Output	kW	7.15
Compressor Crankcase Heater		Yes
Refrigerant		R410A
Lubricant		FVC68D
High-pressure Protection Device		High pressure sensor, High pressure switch
Compressor / Fan Protection Device		Over-current protection, Over-heat protection
Inverter Protection Device		Over-current protection, Over-heat protection, High/Low voltage protection
EER (Ducted/Non-Ducted)		13.2
High COP 47F (Ducted/Non-Ducted)		4.15
Low COP 17F (Ducted/Non-Ducted)		2.5
IEER		20/26.6

**Heating Performance F / %**



**Cooling Performance F / %**

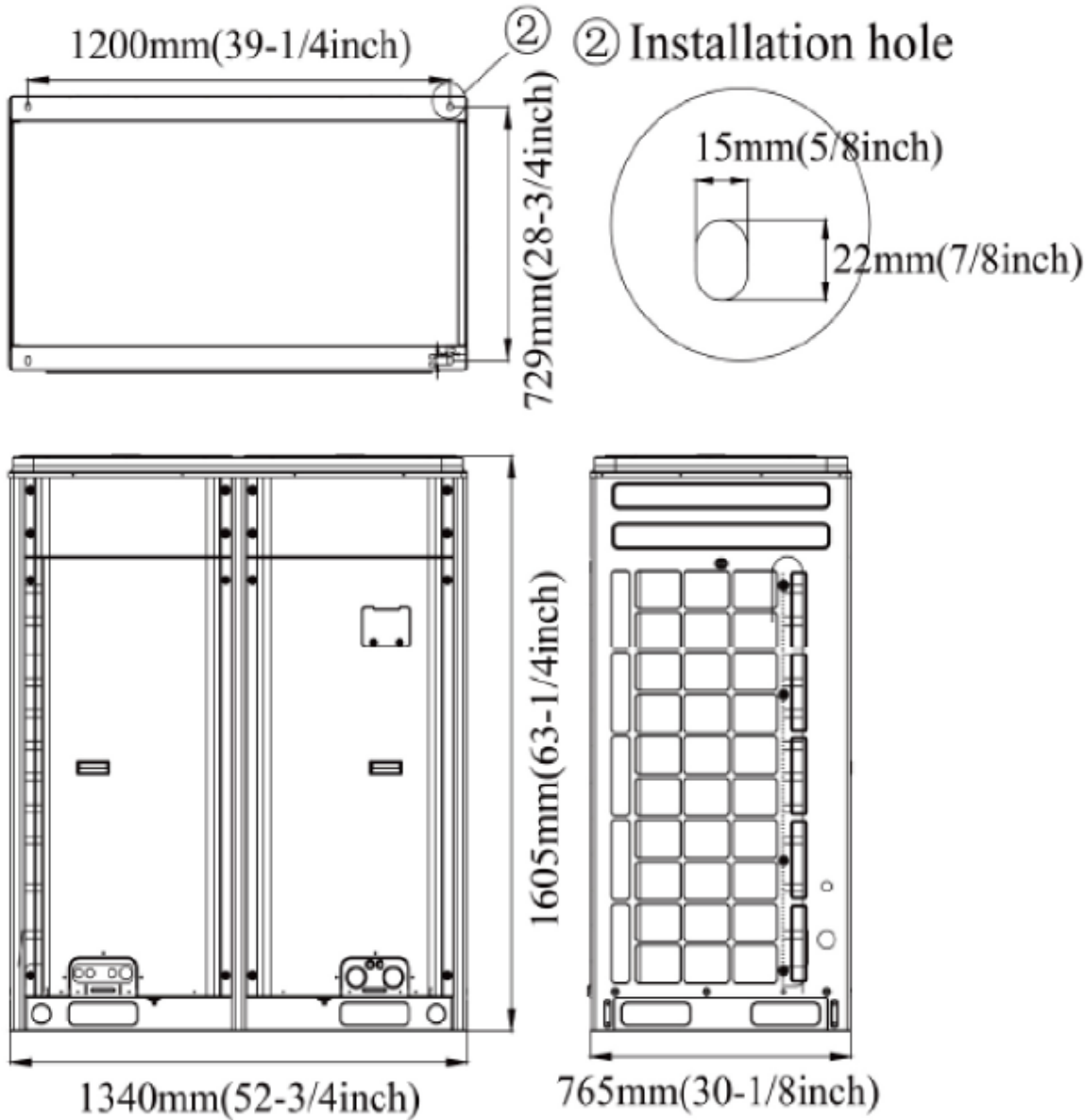


**Optional Controlling System**

- \* Wired Controller
- \* Centralized Controller
- \* Smart Zone Controller
- \* Long-Distance Monitoring Software
- \* Kit for Commissioning Software

**BMS Accessories**

- \* Communication Module (Modbus)
- \* BACnet Gateway
- \* Photoelectricity Insulation Converter

**Outline Dimension Diagram****TOSOT**

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