

VRF Heat Recovery	MODEL: TVRF-SHC72K/220V	TOSOT
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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

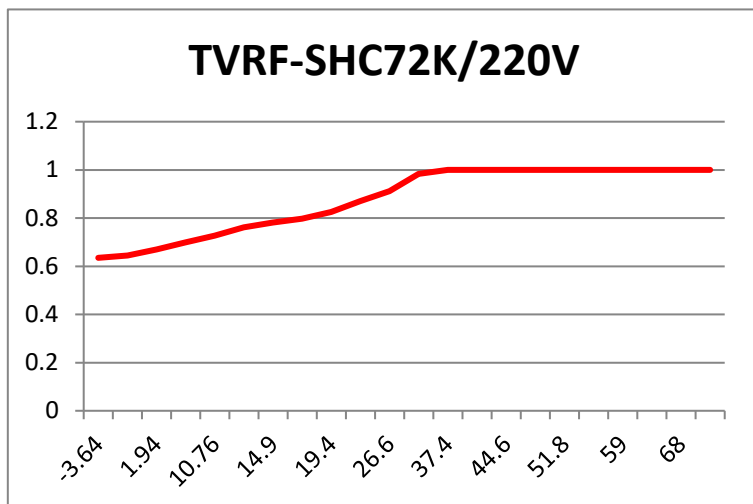


Specifications		Model Name
Unit Type		TVRF-SHC72K/220V
Nominal Cooling Capacity	Btu/h	72,000
Nominal Heating Capacity	Btu/h	81,000
External Dimensions WxHxD	In.	52-3/4 x 63-1/4 x 30-1/8
	mm	1340 x 1605 x 765
Net Weight	Lbs. / Kg	666/302
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 3-phase, 60HZ
Cooling Power Input	KW	5.45
Heating Power Input	KW	5.8
Minimum Circuit Ampacity (MCA)	A	35
Maximum Circuit Breaker Size	A	50
Piping Diameter (Braze) (In./mm)	Low pressure Gas Pipe	3/4 19.05
	High Pressure Gas Pipe	5/8 15.9
	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	12
Min. Capacity Range of Connected IDU	kBtu/h	36
Max. Capacity Range of Connected IDU	kBtu/h	97.2
Sound Pressure Level	dB(A)	61

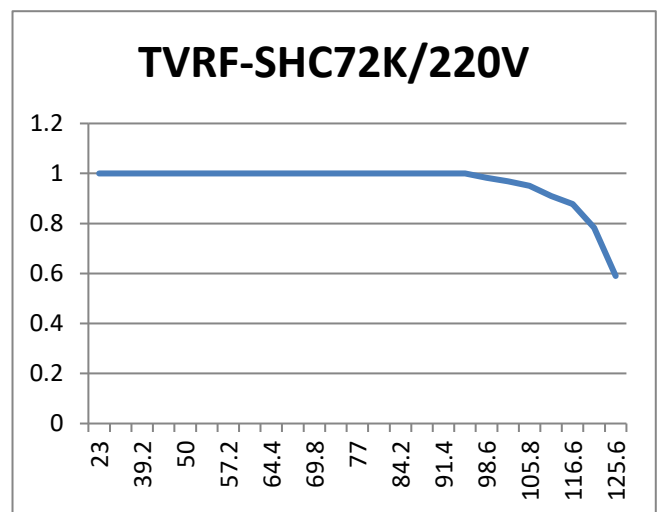
For continual product development, TOSOT reserves the right to change specifications without notice.

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Fan			
Type x Quantity			Propellerx2
Airflow Rate	CFM	8240	
Direct-drive inverter Motor Output	W	750+750	
Compressor			
Compressor Operation Range	13%~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	12		
COP	3.53		
IEER	21.5/25		

Heating Performance F / %



Cooling Performance F / %

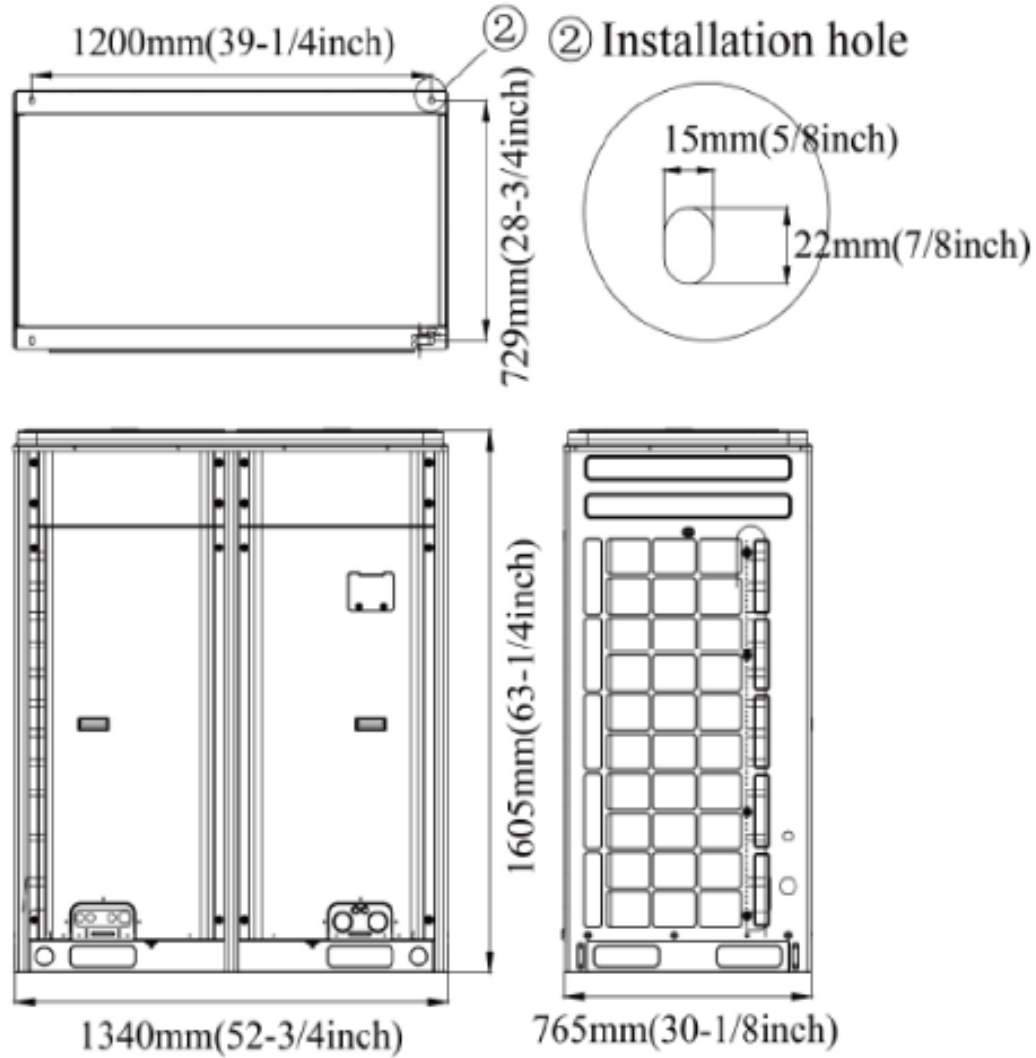


Optional Controlling System

- * 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**5965 Chemin de la Côte de Liesse
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