

VRF Heat Recovery

TVRF-SHC120K/220V

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



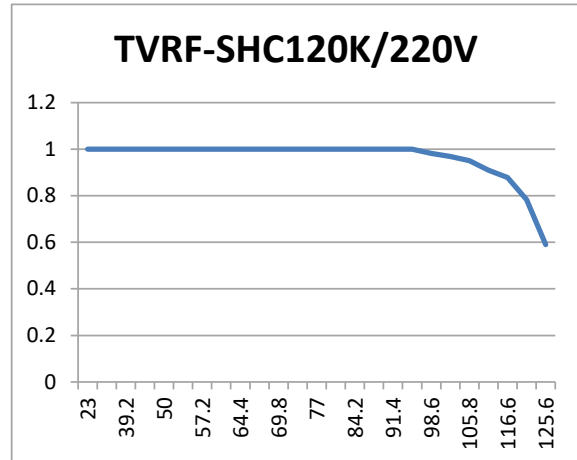
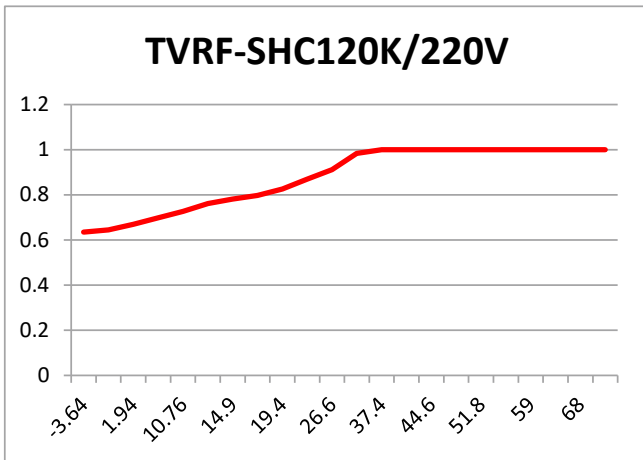
Specifications		Model Name
Unit Type		TVRF-SHC120K/220V
Nominal Cooling Capacity	Btu/h	120,000
Nominal Heating Capacity	Btu/h	135,000
External Dimensions WxHxD	In.	52-3/4 x 63-1/4 x 30-1/8
	mm	1340 x 1605 x 765
Net Weight	Lbs. / Kg	794/360
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 3-phase, 60HZ
Cooling Power Input	KW	9.58
Heating Power Input	KW	10.42
Minimum Circuit Ampacity (MCA)	A	62
Maximum Circuit Breaker Size	A	80
Piping Diameter (Brazed) (In./mm)	Low pressure Gas Pipe	1 1/8 28.6
	High Pressure Gas Pipe	3/4 19.05
	Liquid Pipe	1/2 12.7
Indoor Unit	Total Capacity	50 to 135% of Outdoor Unit Capacity
	Model/Quantity	
Maximum Number of Connected IDUs	units	20
Min. Capacity Range of Connected IDU	kBtu/h	60
Max. Capacity Range of Connected IDU	kBtu/h	162
Sound Pressure Level	dB(A)	63

Job Name:		Date:	
System Reference No.:			
Engineer Signature:			

Fan		
Type x Quantity		Propellerx2
Airflow Rate	CFM	8240
Direct-drive inverter Motor Output	W	750+750
Compressor		
Compressor Operation Range		12%~100%
Compressor Type x Quantity		Inverter scroll typex2
Compressor Motor Output	kW	7.15+3.88
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		11
COP		3.3
IEER		19/21

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

