

VRF Ultra Heat Recovery	MODEL: TVRF-SHC72KUH/220V	TOSOT
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Job Name: _____
 Engineer Name: _____
 System No: _____

Location: _____
 Contractor: _____
 Date: _____

OUTDOOR VRF SYSTEM FEATURES

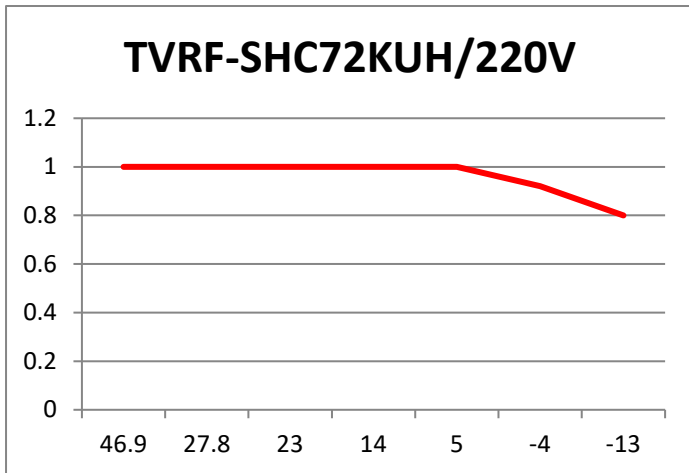
- * Emergency Function
- * Emergency Operation Of Compressor
- * Emergency Operation Of Fan
- * Highly Anticorrosive Golden Fins
- * Low Noise Of Outdoor Unit
- * New Oil Return Control
- * Compact Design



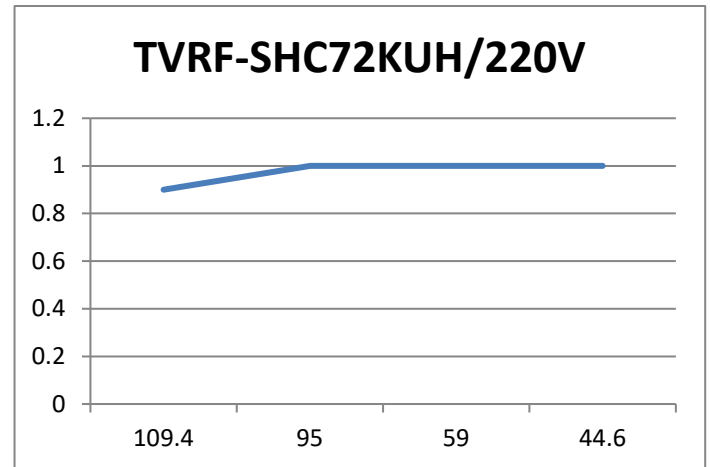
Specifications		Model Name
Unit Type		TVRF-SHC72KUH/220V
Nominal Cooling Capacity	Btu/h	72,000
Nominal Heating Capacity	Btu/h	81,000
External Dimensions WxHxD	In.	52-3/4 x 63-1/4 x 30-1/8
	mm	1340x1605x765
Net Weight	Lbs. / Kg	680/308
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 3-phase, 60HZ
Cooling Power Input	KW	5.45
Heating Power Input	KW	5.8
Minimum Circuit Ampacity (MCA)	A	40
Maximum Circuit Breaker Size	A	60
Piping Diameter (Braze) (In./mm)	Low pressure Gas Pipe	7/8 22.2
	High Pressure Gas Pipe	3/4
	Liquid Pipe	3/8 9.52
Indoor Unit	Total Capacity	50 to 135% of Outdoor Unit Capacity
Maximum Number of Connected IDUs	units	15
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

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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		12%~100%
Compressor Type x Quantity		Rotary x2
Compressor Motor Output	kW	5.27
Compressor Crankcase Heater		Yes
Refrigerant		R410A
Low ambient cooling function		yes
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)		13.6/13.8
High COP 47F (Ducted/Non-Ducted)		3.65/3.55
Low COP 17F (Ducted/Non-Ducted)		2.62/2.6
IEER		23

Heating Performance F / %



Cooling Performance F / %



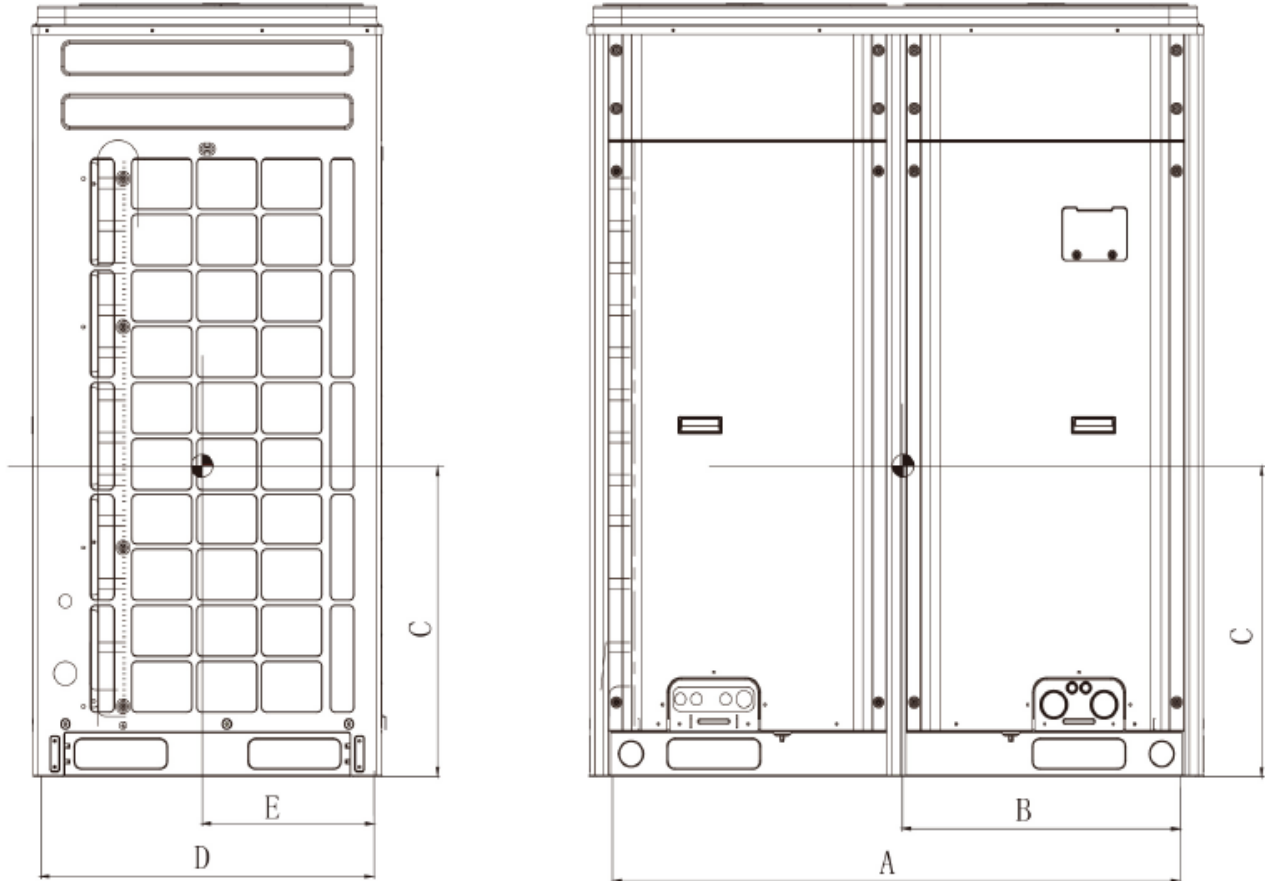
Optional Controlling System

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

BMS Accessories

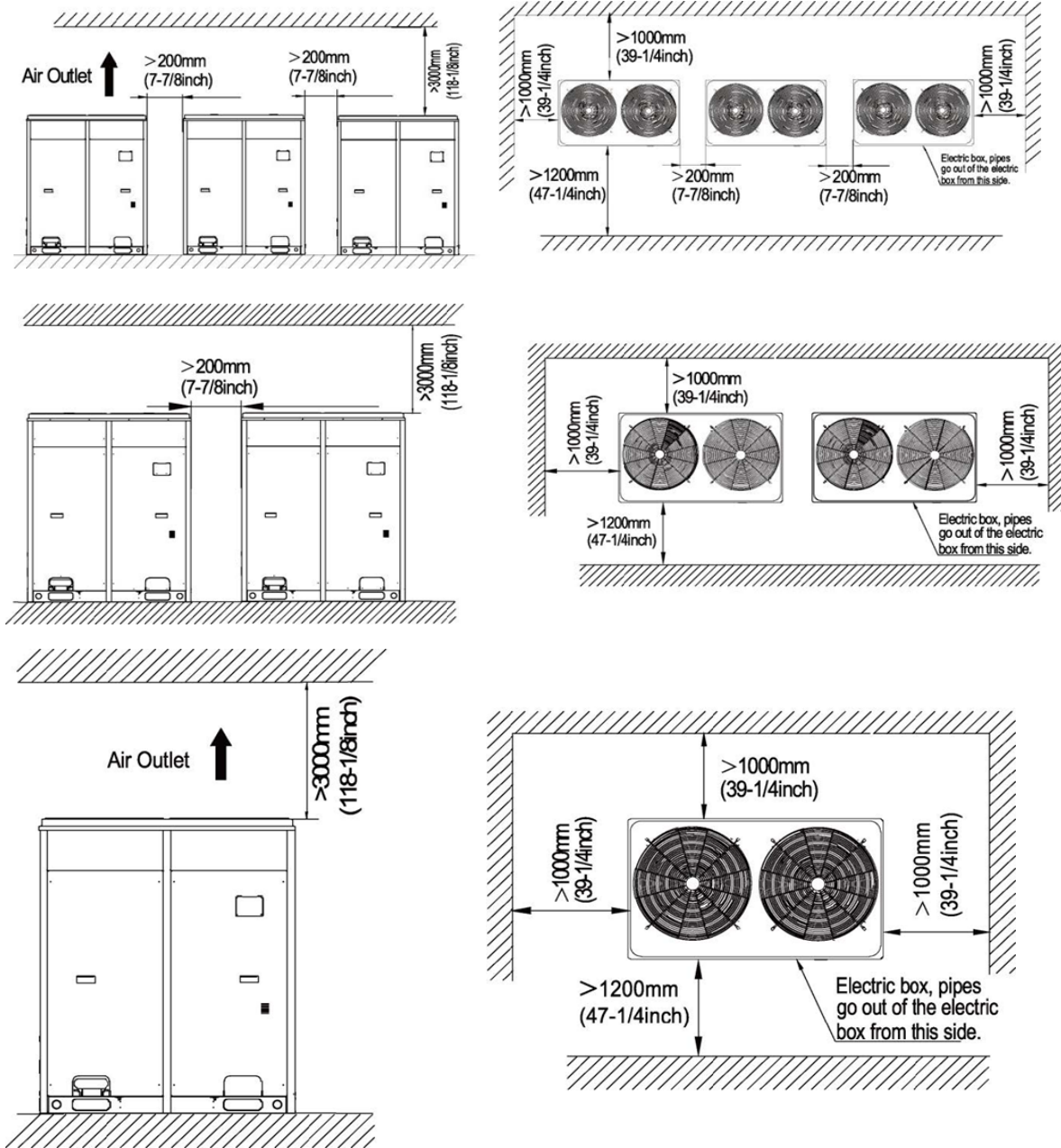
- * Communication Module (Modbus)
- * BACnet Gateway
- * Photoelectricity Insulation Converter

Outline Dimension Diagram



		A	B	C	D	E
TVRF-SHC72KUH/220V	mm	1240	602	649	727	370
	inch	48-7/8	23-3/4	25-1/2	28-5/8	14-5/8

SPACE REQUIREMENTS FOR OUTDOOR UNITS INSTALLATION



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