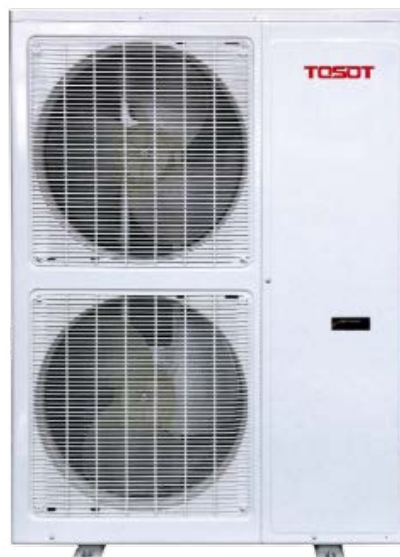


## Mini VRF Ultra Heat

### TMVRF-48KUH

#### 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

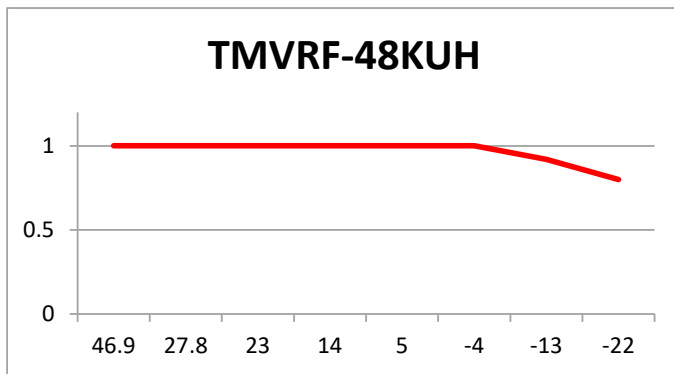


Specifications		Model Name
Unit Type		TMVRF-48KUH
Nominal Cooling Capacity	Btu/h	48,000
Nominal Heating Capacity	Btu/h	54,000
External Dimensions WxHxD	In.	35-3/8 x 53 x 13-3/8
	mm	900 x 1345 x 340
Net Weight	Lbs. / Kg	296.4/134.4
Electrical Power Requirements	Voltage, Phase, Hertz	208/230V, 1-phase, 60HZ
Cooling Power Input Duct/Non-Duct	KW	4.45/4.35
Heating Power Input Duct/Non-Duct	KW	4.65/4.4
Minimum Circuit Ampacity (MCA)	A	37
Maximum Circuit Breaker Size	A	50
Piping Diameter (Braze) (In./mm)	Gas Pipe	5/8
	Liquid Pipe	3/8
Indoor Unit	Total Capacity	50 to 100% of Outdoor Unit Capacity
Maximum Number of Connected IDUs	units	7
Min. Capacity Range of Connected IDU	kBtu/h	24
Max. Capacity Range of Connected IDU	kBtu/h	48
Sound Pressure Level	dB(A)	57

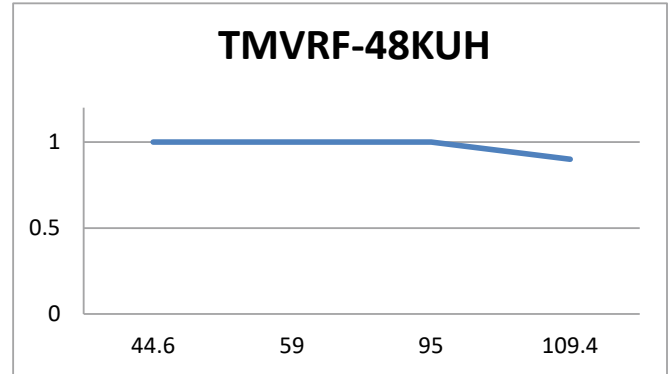
Job Name:		Date:	
System Reference No.:			
Engineer Signature:			

<b>Fan</b>	
Type x Quantity	Axial-flowx2
Airflow Rate	CFM 3531
<b>Compressor</b>	
Compressor Operation Range	15%~100%
Compressor Type x Quantity	Inverter Rotaryx1
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
SEER (Ducted/Non-Ducted)	16.5/20
HSPF (Ducted/Non-Ducted)	10.2/11

### Heating Performance F / %



### Cooling Performance F / %



### Optional Controlling System

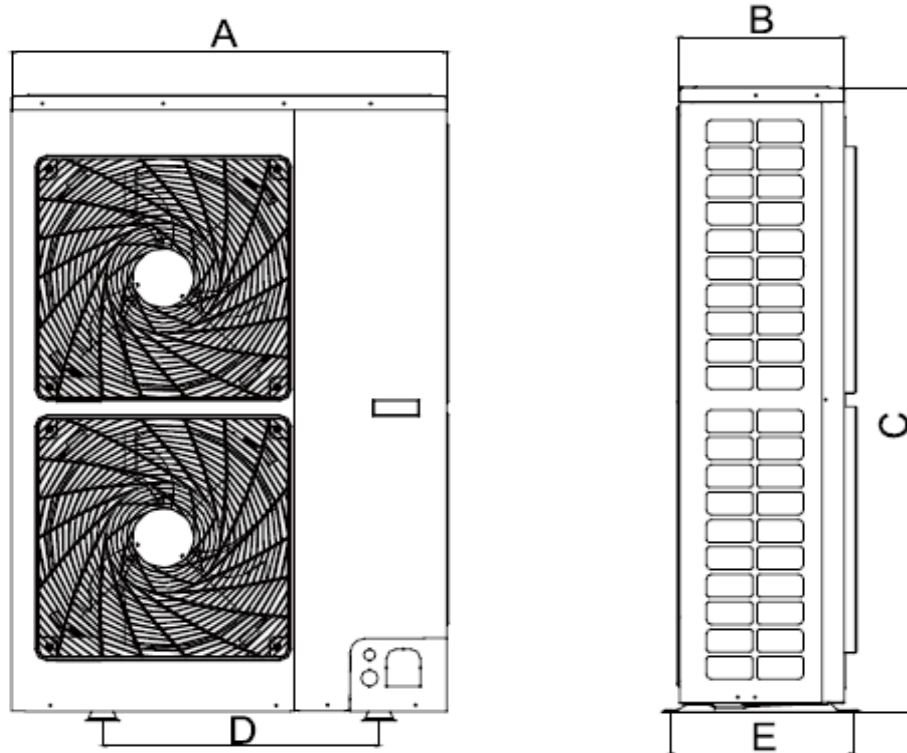
- \* Wired Controller
- \* Centralized Controller
- \* Smart Zone Controller
- \* Long-Distance Monitoring Software
- \* Kit for Commissioning Software

### BMS Accessories

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



## Outline Dimension Diagram



A	B	C	D	E
35-3/8	13-3/8	53	22-1/2	15

