

208~230V Mini Heat Pump

Model:
TMVRF-OC48KHP



Specifications	Unit	Parameter
Model	—	TMVRF-OC48KHP
Performance		
Rated Cooling Capacity(*1)	kBtu/h	48
Rated Heating Capacity(*2)	kBtu/h	54
Power Input	Cooling(kw)	4.47
	Heating(kw)	3.93
Sound Pressure Level	dB(A)	56
Operating Temperature Range	Cooling(Outdoor)°C/°F	-5~48 / 23~118
	Heating(Outdoor)°C/°F	-20~27 / -4~81
AHRI Ratings(Ducted/Non-Ducted)		
EER	W/W	10
SEER	—	18
HSPF	—	9
Electrical Data		
Power Supply	Voltage,Phase, Hertz	208/230, 1, 60
Maximum Overcurrent Protection (MOP)	A	45
Minimum Circuit Amps (MCA)	A	34
Fan		
Type x Quantity	—	Axial-flow x 2
Air Flow Volume	CFM	3708
External Static Pressure	In.W.G	/
Fan Motor Running Current	A	0.5
Fan Motor Power Output	W	120
Compressor		
Compressor Type x Quantity	—	Inverter Rotary x 1
Compressor Rated Load Amps (RLA)	A	28
Compressor Refrigerant Oil Type	—	FV50S
Compressor Refrigerant Oil Charge Volume	L/Gal	1/0.26
Refrigerant Piping		
Connection Pipe	Gas(mm/inch)	Φ15.9/Φ5/8
	Liquid(mm/inch)	Φ9.52/Φ3/8
Max. Equivalent Connection Pipe Length(ODU to IDU)	m/ft	120/394
Refrigerant Charge	kg/oz	5/176
Refrigerant	—	R410A
Dimension/Weight		
Dimensions (H×W×D)	mm/inch	1345×900×340/ (53×35-3/8×13-3/8)
Net Weight	kg/lbs	110/243
Other		
Indoor Unit	Total Capacity(%)	50%~135% of outdoor unit
	Max Connectable Quantity	8
Safety Certification	—	ETL/AHRI
Condenser Fin Color	—	Gold
Protection Devices	High Pressure	High pressure sensor, High pressure switch 601 psi (4.15 MPa)
	Inverter Circuit	Over-heat protection,Over-current protection
	Compressor	Discharge temp protection, Over-current protection

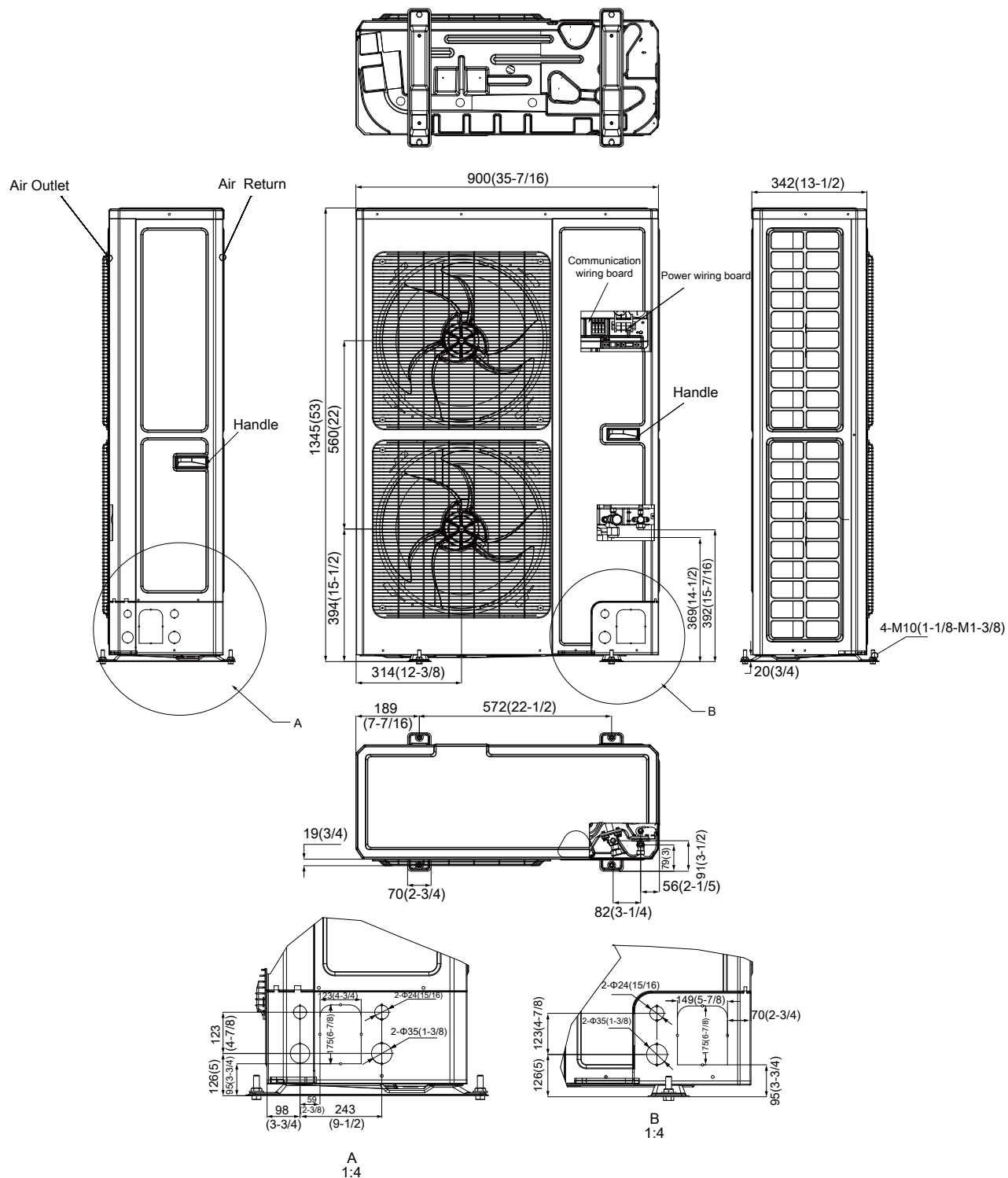
*1 Cooling | Indoor: 80°F(26.7°C)DB / 67°F(19°C)WB; Outdoor: 95°F(35°C)DB

*2 Heating | Indoor: 70°F(21.1°C)DB / Outdoor: 47°F(8.3°C)DB / 43°F(6°C)WB

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

Specifications subject to change without prior notice.

Outline and Physical Dimensions of TMVRF-OC48KHP.



Unit:mm(in.)