TMV

TOSOT

208~230V Mini Horizontal Ultra Heating

Model: TMVRF-36KUH

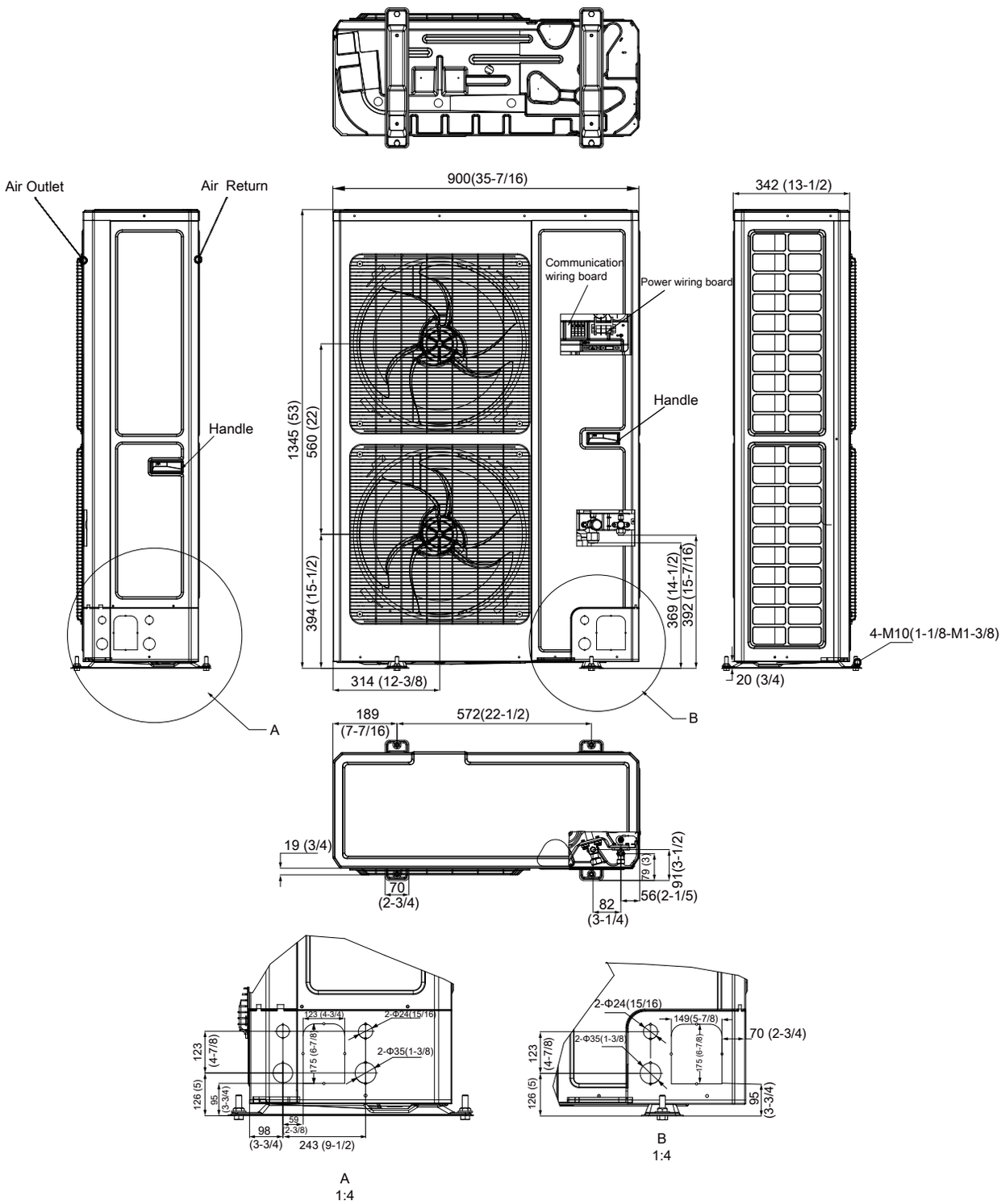
Specifications	Unit	Parameter
Model	—	TMVRF-36KUH
Performance		
Rated Cooling Capacity(*1)	kBtu/h	36
Rated Heating Capacity(*2)	kBtu/h	45
Power Input	Cooling(kw)Ducted/No Ducted	3.2/2.70
	Heating(kw)Ducted/No Ducted	3.95/3.30
Sound Pressure Level	dB(A)	56
Operating Temperature Range	Cooling(Outdoor)℃/℉	10~54/50~129.2
	Heating(Outdoor)℃/℉	-30~27/-22~80.6
AHRI Ratings(Ducted/Non-Ducted)		
EER	W/W	13.0/11.30
SEER	—	20.5/16.5
COP	W/W	15
HSPF	—	11.7/10.3
Electrical Data		
Power Supply	V/Ph/Hz	208/230/1/60
Maximum Overcurrent Protection (MOP)	A	50
Minimum Circuit Amps (MCA)	A	37
Fan		
Type x Quantity	—	Axial-flow×2
Air Flow Volume	CFM	3531
Fan Motor Power Output	W	120
Compressor		
Compressor Type x Quantity	—	Inverter Rotary×1
Compressor Rated Load Amps (RLA)	A	28
Compressor Refrigerant Oil Type	—	FV50S
Compressor Refrigerant Oil Charge Volume	L/Gal	1.35/0.36
Refrigerant Piping		
Connection Pipe	Gas(mm/inch)	Φ15.90 / Φ 5/8
	Liquid(mm/inch)	Φ9.52 / Φ3/8
Max. Equivalent Connection Pipe Length(ODU to IDU)	m/ft	120/393.7
Refrigerant Charge	kg/oz	6.5/229.3
Refrigerant	—	R410A
Dimension/Weight		
Dimensions (H×W×D)	mm/inch	1345×900×340 (53×35-3/8×13-3/8)
Net Weight	kg/lbs	134.4/296.4
Other		
Indoor Unit	Total Capacity(%)	35%~150%
	Max Connectable Quantity	5
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-36KUH.



Unit:mm(in.)