SUBMITTAL DATA

Multi Zone 21 Seer 60KBTU

Model: TM60R32MO

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	

GENERAL FEATURES:

- R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- Low Ambient Cooling down to -22°F (Range -22°F to 118°F)
- Low Ambient Heating down to -22°F (Range -22°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

Americo HVAC Supply LLC
TOSOT GREE

Tel: +1 877-298-7191
Email: info@tosotclima.com
Website: tosotclima.com

1266 San Luis Obispo Ave.
Hayward, CA. 94544

SPECIFICATIONS & FUNCTIONS:

Product Model		TM60R32MO
Cooling Capacity	Btu/h	55000
Heating Capacity	Btu/h	55000
EER	(Btu/h)/W	11.7
COP	(Btu/h)/W	12.8
SEER	--	21
HSPF	--	10
Air Flow Volume	CFM	3531
Sound Pressure Level	dB(A)	Mid:50/High:59
Rated Voltage	V~	208/230
Rated Frequency	Hz	60
Phases	--	1
Cross-sectional Area of Power Cable Conductor	sq in	0.01302
Fuse Current	A	50
Cooling Power Input	kW	4.7
Heating Power Input	kW	4.3
Rated Power Input	kw	6.1
Cooling Current Input	A	20.9
Heating Current Input	A	19.1
Rated Current	A	28.5/30
Starting Current	A	5
Max. Over Current Protection	A	40
Min. Current (MCA)	A	37.5
Compressor Trademark	-	GREE
Compressor Model	-	QXFS-D40zX070A
Compressor Type	-	Twin Rotary
Compressor Capacity	W	15250
Compressor Power Input	W	3514
Compressor RLA	A	23
Compressor Thermal Protector	—	KSD115°CHPC115/95U1
Compressor Refrigerant Oil Type	—	FW68DA
Compressor Refrigerant Oil Charge Volume	L	1.35
Chassis Electrical Heater Power Input	W	72
Fan Type	-	Axial-flow
Fan Quantity	—	2
Fan Diameter-height	mm	475-160
Motor Model	—	B-SWZ120E
Motor Type	—	DC motor
Motor Insulation Class	—	B
Motor Safe Class	—	IP44
Motor Full Load Amp (FLA)	A	1.5
Fan Motor Speed	r/min	920
Fan Motor Power Output	W	120

Product Model		TM60R32MO
Condenser Material	—	Aluminum Fin-copper Tube
Condenser Face Area	sq.ft	9.86
Condenser Pipe Diameter	mm	φ7.94
Condenser Number of Rows	—	3
Condenser Tube Pitch(a)×Row Pitch(b)	mm	19.05×22
Condenser Fin Pitch	mm	1.4
Condenser Fins per Inch(FPI)	—	18
Condenser Number of Circuits	—	8in-8out
Condenser L×H×W	mm	833×1232×57.15
Condenser Max. Allowable Pressure	MPa	10
Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
Maximum Allowable Pressure	MPa	5.2
Cooling Operation Ambient Temperature Range	°F	-22-118
Heating Operation Ambient Temperature Range	°F	-22~75.2
Maximum drive IDU NO.	unit	6
Defrosting Method		-
Refrigerant	--	R32
Refrigerant Charge	kg	3.2
Refrigerant Charge	oz	112.88
GWP		675
Metering Method	-	Electron expansion valve
Dimension of Outline(W)	inch	38 55/64
Dimension of Outline(D)	inch	16 7/32
Dimension of Outline(H)	inch	49 49/64
Dimension of Package(L)	inch	40 43/64
Dimension of Package(W)	inch	17 7/16
Dimension of Package(H)	inch	55 5/16
Net Weight	lb.	224.9
Gross Weight	lb.	251.4
Connection Pipe Connection Method	—	Flare Connection
Not Additional Gas Connection Pipe Length	ft	196.85
Connection Pipe Gas Additional Charge	oz/ft.	0.2
Outer Diameter of Liquid Pipe	inch	1/4"
Outer Diameter of Gas Pipe 1 2	inch	1/2"
Outer Diameter of Gas Pipe 3 4 5 6	inch	3/8"
Connection Pipe Max. Height Distance	ft	82.02
Connection Pipe Max. Length Distance (total length)	ft	393.7
Low Ambient Cooling	-	YES
Low Voltage Startup	-	YES
Chassis With Electric Heater	-	YES

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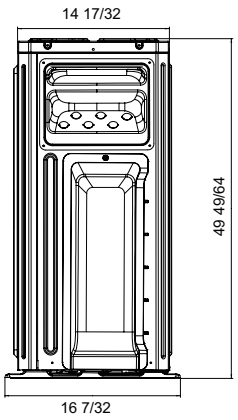
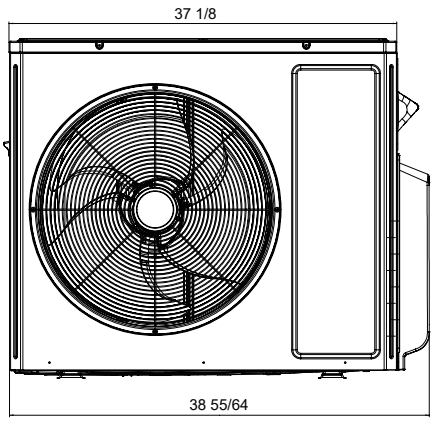
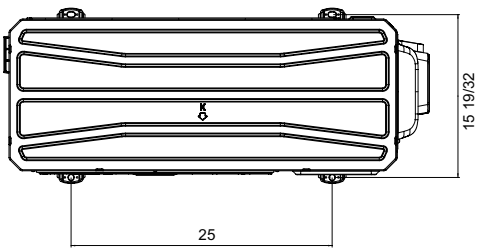
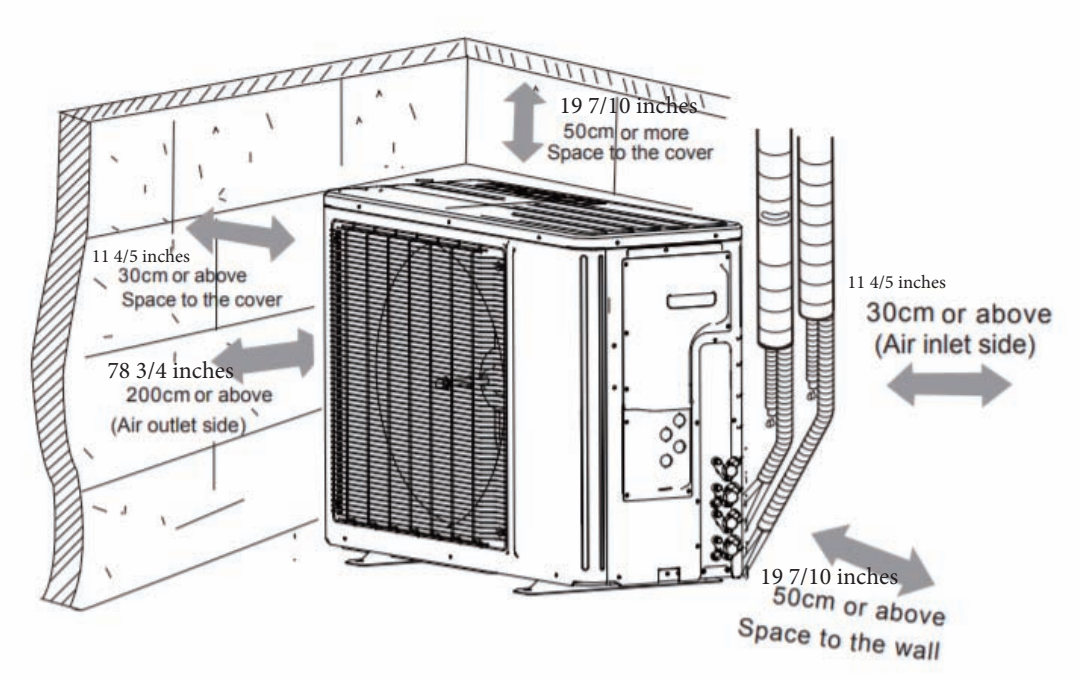
TOSOT

Outline and Physical Dimensions of TM60R32MO









R32 INVERTER ETL AHRI CERTIFIED