R32 SINGLE/MULTI- ZONE Floor Ceiling SYSTEM

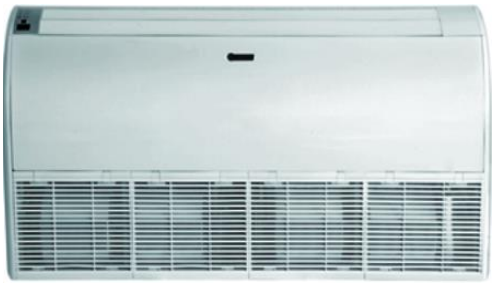
30,000 BTU / H Floor Ceiling

SUBMITTAL DATA: TTH30D32AI + TWH30CD32AO

Job Name	Location		Date	
Purchaser	Engineer			
Submitted To	For	Reference	Approval	Construction
Unit Designation	Schedule No.			

AHRI CERTIFIED REF 218001418

ENERGY STAR No. 4515426





YBE1FB1F
(Standard)



YAW1F9
Cool-only
(Optional)



XE72-44/E
(Optional)



XE71-00/E
(Optional)



SYSTEM RATINGS		INDOOR UNIT DATA	
Cooling		**Fan Motor**	
Rated Capacity @ 95° F	30,000 BTU/H	Type	Centrifugal
Capacity Range	2,390-37,500 BTU/H	Dimension L x D x H (inch)	47-1/4 x 9-1/4 x 26-3/16
Power Input	2,626 W	Output Power	80 W
Power Input (Min/Max)	300 / 3,950 W	FLA	1.3 A
SEER2 / EER2	21.0 / 11.45	Drainage Hose Size	3/4”
Heating		Air flow (Min/Max)	895/1,236 CFM
Rated Capacity @ 47° F	30,000 BTU/H	Dehumidification	7.40 pt/hr
Capacity Range	5,800-33,400 BTU/H	**Sound Pressure Level**	
Rated Capacity @ 17°F	24,000 BTU/H	Min / Max	43 / 53 dB(A)
Rated Capacity @ 5°F	19,400 BTU/H	**OUTDOOR UNIT DATA**	
Power Input	2,793 W	**Compressor**	
Power Input (Min/Max)	370 / 4,450 W	Type	DC Inverter Rotary
HSPF2 (Region IV / V)	8.0 / 7.0	RLA	18.5 A
COP @47°F / @5°F	3.15 / 1.71	**Fan Motor**	
Operating Range		Output Power	90 W
Cooling	-4°F ~ 122°F -20°C ~ 50°C	FLA	1.7 A
		Sound Pressure Level	54 dB(A)
Heating	-13°F ~ 75°F -25°C ~ 24°C	**Refrigerant Piping Data**	
		Liquid Pipe Size (OD)	1/4-in
Power Supply		Gas Pipe Size (OD)	5/8-in
Rated	208/230 V, 1 Phase, 60 Hz	Connection Method	Flared
Voltage Range	187 - 253 V	Pre-Charged R32 Amount	56.4 oz
Main Power Wire Size	Per Local Code	Additional Charge	0.4 oz/ft
Wire Size between IDU & ODU	14-4 AWG Unshielded	Pre-Charge Length	25-ft
MCA	27 A	MAX Refrigerant Pipe Length	131-ft
MOCP/Max Breaker Size	30 A	MIN Refrigerant Pipe Length	10-ft
Moisture Protection	IPX4	MAX Refrigerant Pipe Height Difference	82-ft

TOSOT.COM

R32

INVERTER

Intertek

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ENERGY STAR COLD CLIMATE

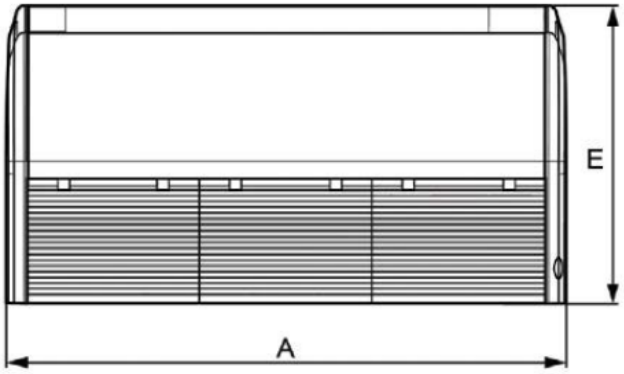
FEATURES & FUNCTION SUMMARY: TTH30D32AI + TWH30CD32AO

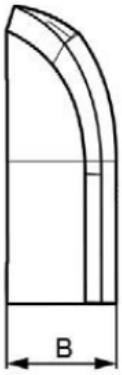
SYSTEM FEATURES	
Multi Fan Speeds	7 Speeds
Indoor Fan Type	Centrifugal
Artificial Intelligence for Saving Energy	Version 1.0
Wired Controller Interface	YES
Auxiliary Electrical Heater	Optional with XE71-00/E
Ventilation (Outdoor Air)	NO
Condensate Pump	YES
Overflow Cut-off Switch	YES
Electronic Expansion Valve	In Outdoor Unit
Coil Construction	Copper Tube-Aluminum Fin
Indoor Fin Coating (Blue)	Acrylic Resin/Anti-Corrosion
A2L Refrigerant Leakage Detector	Optional
WIRED CONTROLLER & REMOTE CONTROLLER FUNCTIONS	
Auto Mode	YES
Auto Fan	YES
Turbo Cooling	YES
Auto Swing (Horizontal)	YES
Auto Swing (Vertical)	YES
Dry Mode	YES
Dry Anti-Mildew (X-Fan) Mode	YES
Energy Saving Mode	YES
I Feel Function	YES
Lock on Remote Controller	YES
Quiet Mode	YES
Long Time Room Temperature Display ※	YES
Normal Sleep Mode	YES
Timer Mode	YES
LCD Back Light on Remote Controller	YES
Turbo Mode	YES
Cooling Only Controller	Optional with Remote YAW1F9
Freeze Guard/Holiday Mode (46°F/8°C)	YES
24Vac Signal 3rd party Backup Heater Output	Optional with XE71-00/E
Wifi Control	Optional with XE72-44/E

※ Available on XE72-44/E with [Mode]+[▲] during OFF status

DIMENSIONAL SPECIFICATIONS: TTH30D32AI

INDOOR UNIT DIMENSION

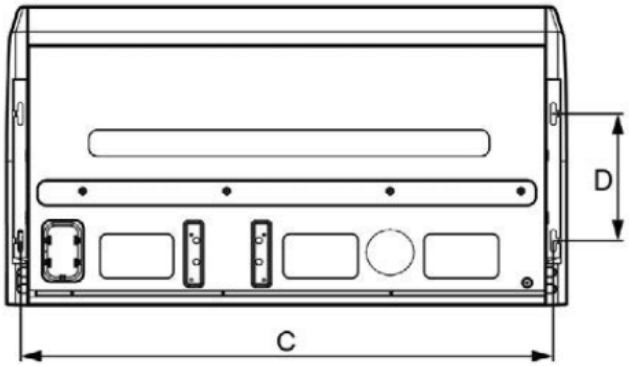




Unit: inch

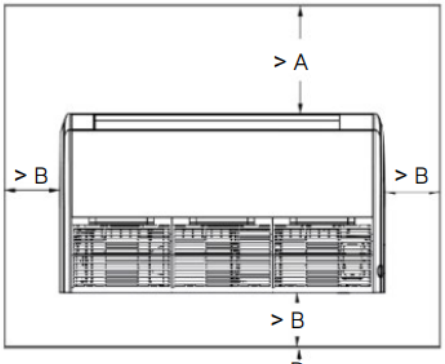
Item	Value
A	47-1/4
B	9-1/4
C	44-61/64
D	11-1/32
E	26-3/16

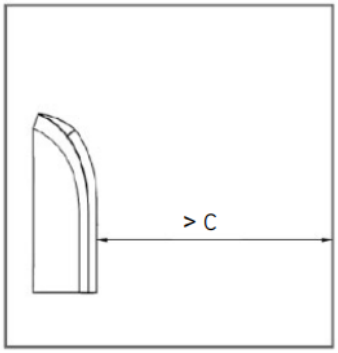
Net Weight: 71 LBS
Gross Weight: 84 LBS

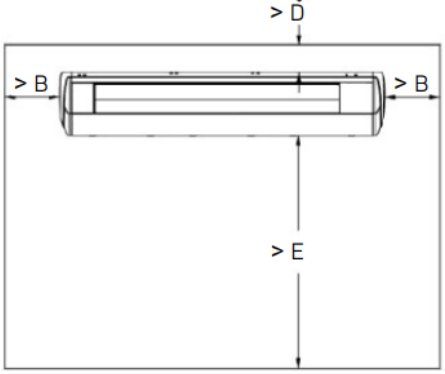


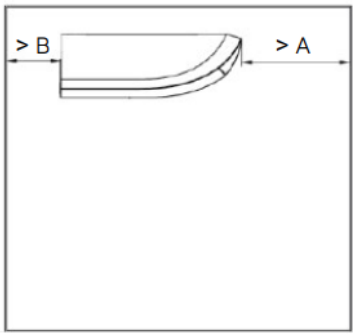
INDOOR CLEARANCE

Unit: inch







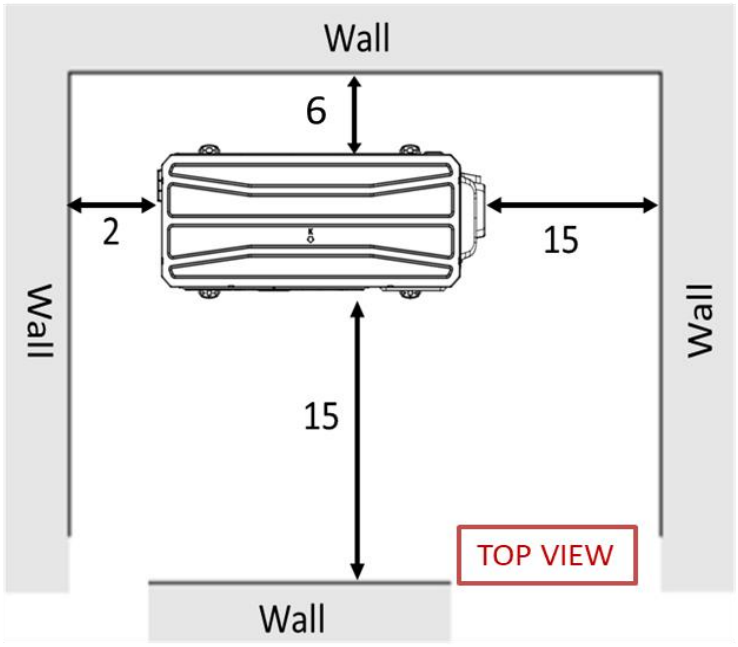


Item	Value
A	60
B	12
C	39
D	6
H	90

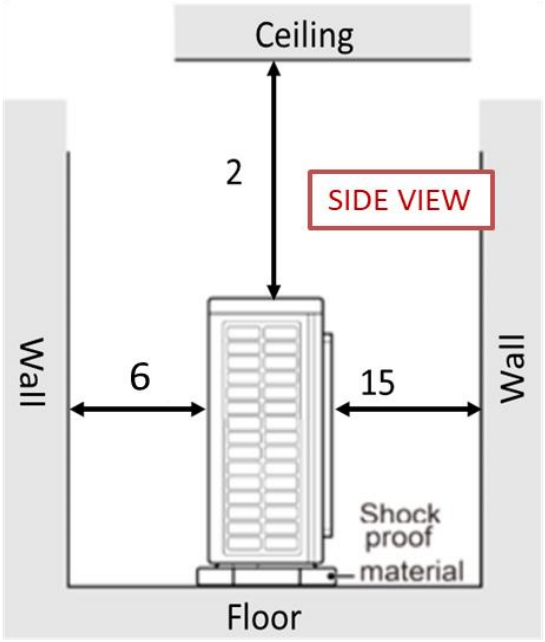
DIMENSIONAL SPECIFICATIONS: : TWH30CD32AO

MINIMUM SPACING REQUIREMENTS

Unit: inch



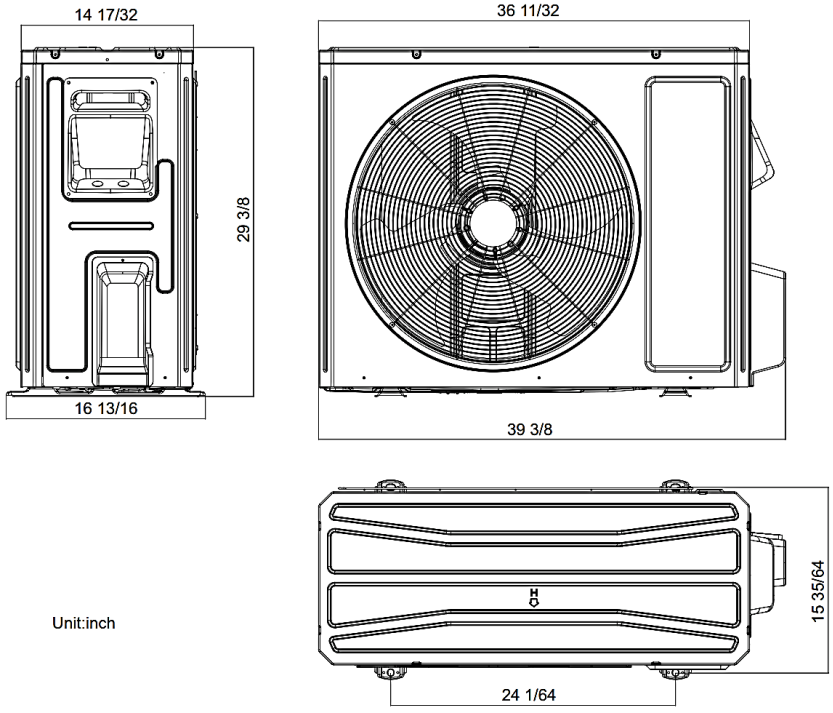
The ceiling should be open



Either left or right side should be open

Note: Wall height on air outlet side ≤ 50inch

OUTDOOR UNIT DIMENSIONS



Unit:inch

Weight (Net/Gross) 117 /128 LBS

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	5/8-in OD Flared

Notes:

1. Recommended Interconnecting Cable Type 14 AWG 4 Stranded Copper Conductors Wire
2. Power wiring cable size must comply with applicable national and local codes
3. Test conditions are based on AHRI 210/240.