TOSOT

R32 HEAT / COOL

HIGH STATIC DUCTED

18,000 BTU / H INDOOR UNIT

SUBMITTAL DATA: TFH18D32AI

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



TOSOT+ app



XE72-44/E (Optional)



XE71-00/E (Optional)



YBE1FB1F (Standard)



YAW1F9 Cool-only (Optional)

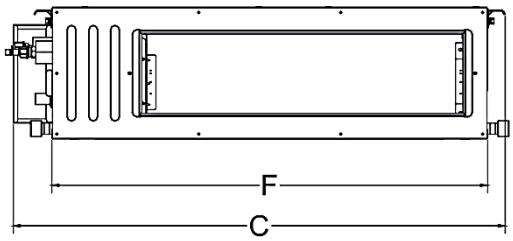
SYSTEM RATINGS	
Cooling	
Nominal	18,000 BTU/H
Dehumidification	3.80 pt/hr
Heating	
Nominal	18,000 BTU/H
Sound Pressure Level	
Cooling (Low/High)	26 / 39 dB(A)
Heating (Low/High)	26 / 39 dB(A)
Air Flow	
Air flow (Min/Max)	288 / 589 CFM
ESP (STD/MAX)	0.36 / 0.8 inwc
Fan motor FLA	0.7 A
Fan motor Output	200 W
Dimension	
Outline (WxHxD) inch	44-1/2 x 11-13/16 x 29-11/16
Net / Gross Weight	93 / 107 lbs
Power Supply （Powered by Outdoor Unit)	
208-230V/1Ph/60Hz	
Main Power Wire Size	AWG 14-4, Unshielded
Refrigerant Piping Data	
Liquid - Gas Pipe Size (OD)	1/4" - 5/8"
Connection Method	Flared

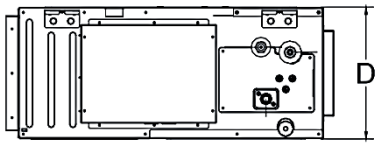
SYSTEM FEATURES	
Indoor Fin Coating (Blue)	Acrylic Resin / Anti-Corrosion
Memory/Power Failure Recovery	YES
Overflow Cut-off Switch	YES
Indoor Fan Type	Centrifugal
Multi Fan Speeds Nodes	4
Condensate Pump	YES
Condensate Overflow Switch	YES
Auxiliary Electrical Heater	NO
Auto Mode	YES
Auto Fan	YES
Dry Mode	YES
External Static Pressure Levels	9
Energy Saving Mode on Setting	YES
Dirty Filter Alert	NO
I Feel Function	YES
Child Lock on Remote Controller	YES
Quiet Mode	YES
Sleep Mode	YES
Turbo Mode	YES
Freeze Guard/Holiday (46°F/8°C)	YES
Long Time Display Room Temp.	YES
Metering Device	Not Exist
Wifi Control	Optional with XE72-44/E
24Vac Signal 3rd party Backup Heater Output	Optional with XE71-00/E
Cooling Only Remote Controller	Optional with YAW1F9

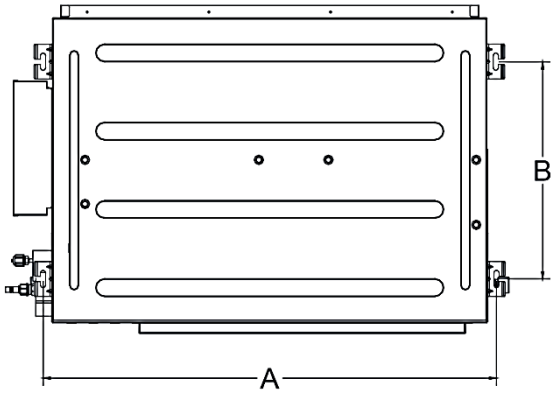
R32 INVERTER Intertek AHRI CERTIFIED www.ahridirectory.org

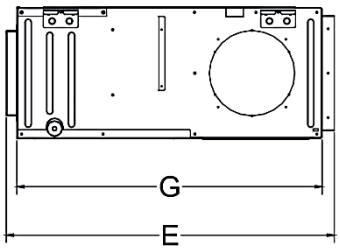
DIMENSIONAL SPECIFICATIONS: TFH18D32AI

UNIT DIMENSION









Supply Air Outlet Size:
7-5/8” x 29-9/16” x 1”(Deep)

Air Return Inlet Size:
10-3/8” x 37-3/4” x 1-1/8”(Deep)

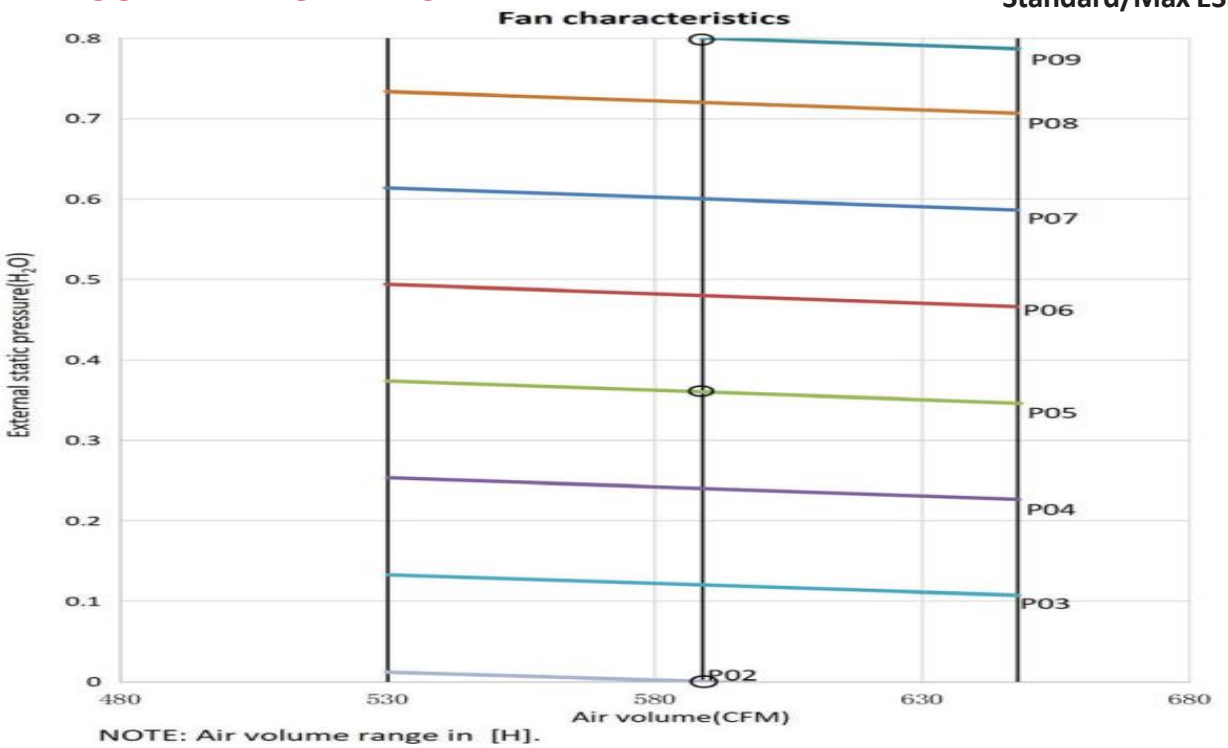
Note:
Size refrigerant lines based on evaporator port sizes

Weight (Net/Gross) : 93/107 lbs

Dimensions (inch)							
Capacity	A	B	C	D	E	F	G
09/12K	29 9/64	19 11/16	32 43/64	11 13/16	29 11/16	27 9/16	27 9/16
18/24K	40 15/16	19 11/16	44 31/64	11 13/16	29 11/16	39 3/8	27 9/16

INDOOR FAN PEFORMANCE DATA

Standard/Max ESP: 0.36/0.8 inwg

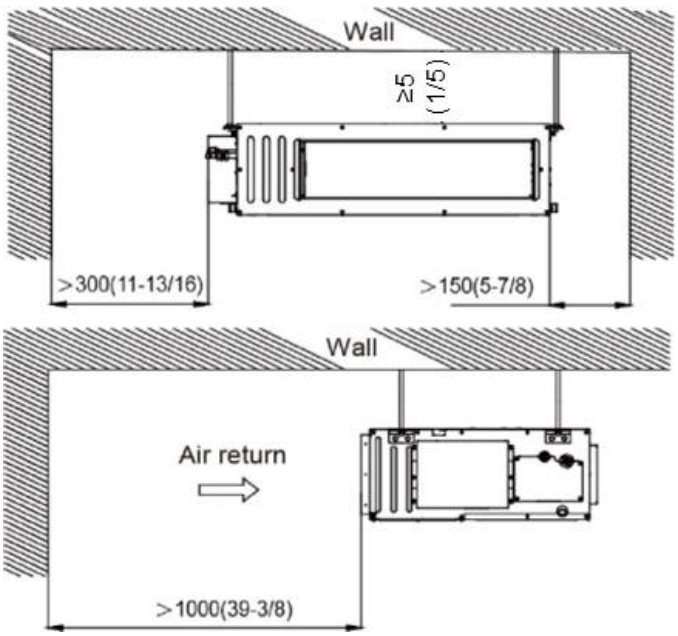


NOTE: Air volume range in [H].

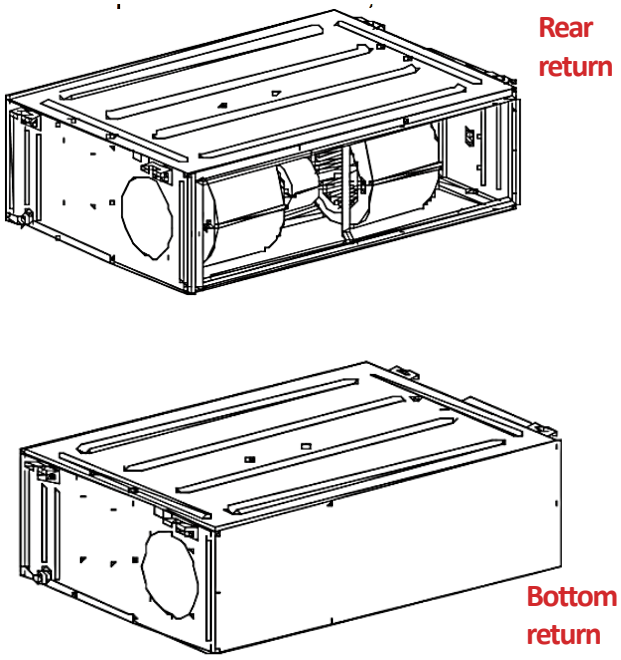
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MINIMUM SPACING REQUIREMENTS

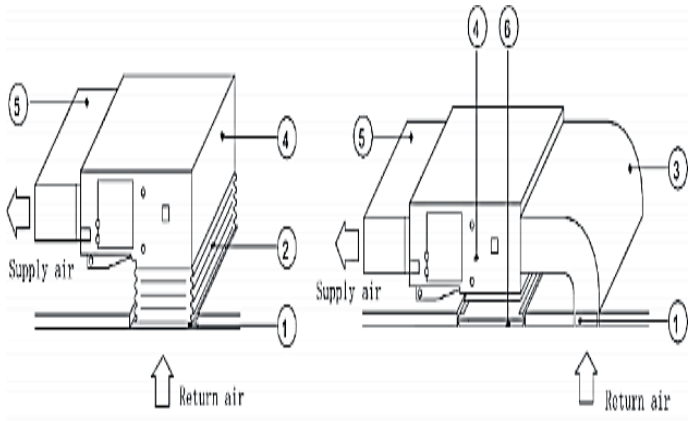
Units: mm(inch)



FLEXIBLE AIR RETURN ADJUSTABLE



RETURN AIR CONFIGURATIONS



No.	Name
1	Return Air Inlet(with filter)
2	Canvas
3	Return Air Duct

No.	Name
4	Indoor unit
5	Supply Air Duct
6	Grille

FRESH AIR PIPE INSTALLATION

