TOSOT

R32 HEAT / COOL

HIGH STATIC DUCTED

36,000 BTU / H INDOOR UNIT

SUBMITTAL DATA: TFH36D32AI

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)

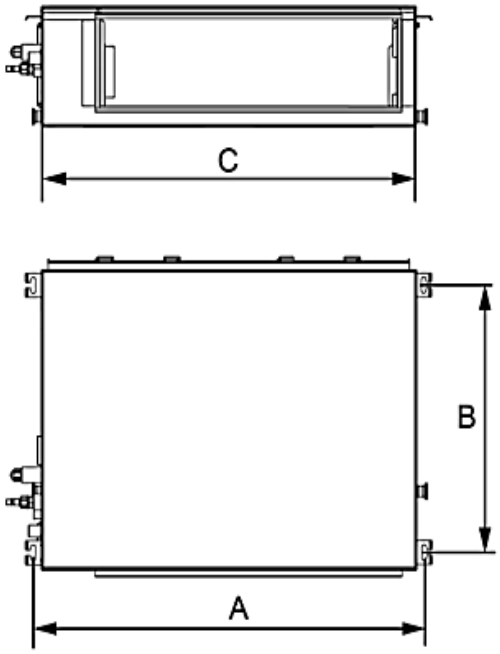
SYSTEM RATINGS	
Cooling	
Nominal	36,000 BTU/H
Dehumidification	7.40 pt/hr
Heating	
Nominal	36,000 BTU/H
Sound Pressure Level	
Cooling (Low/High)	38 / 43 dB(A)
Heating (Low/High)	39 / 44 dB(A)
Air Flow	
Air flow (Min/Max)	853 / 1,324 CFM
ESP (STD/MAX)	0.2 / 0.6 inwc
Fan motor FLA	1.0 A
Fan motor Output	110 W
Dimension	
Outline (WxHxD) inch	52-3/4 x 10-15/64 x 25-25/32
Net / Gross Weight	95 / 108 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

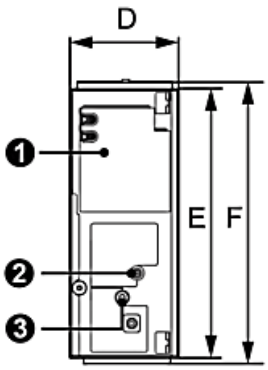
SYSTEM FEATURES	
Indoor Fin Coating (Blue)	Acrylic Resin / Anti-Corrosion
Memory/Power Failure Recovery	YES
Overflow Cut-off Switch	YES
Indoor Fan Type	Centrifugal
Multi Fan Speeds Nodes	4
Condensate Pump	YES
Condensate Overflow Switch	YES
Auxiliary Electrical Heater	NO
Auto Mode	YES
Auto Fan	YES
Dry 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: TFH36D32AI

UNIT DIMENSION





❶ Electric Box
❷ Gas pipe
❸ Liquid pipe

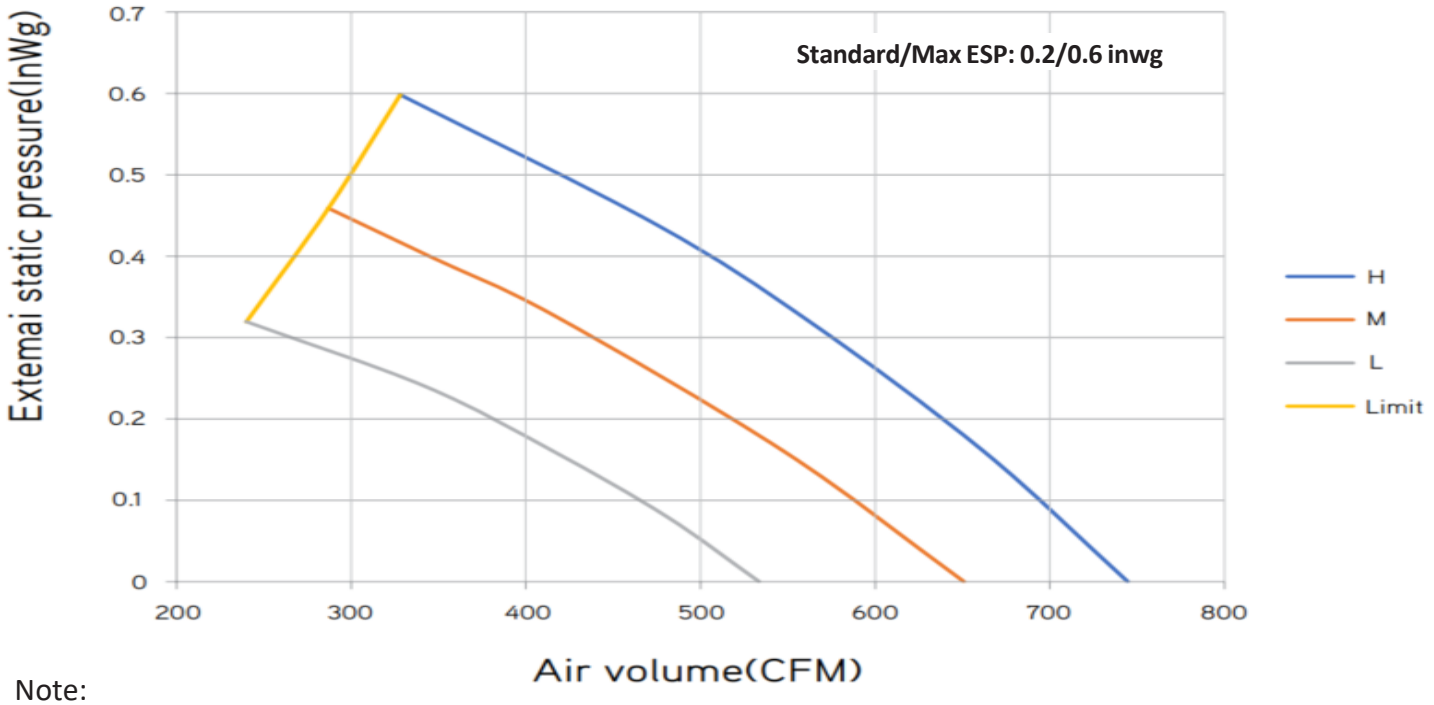
Weight (Net/Gross) 95/108 lbs

Note:
Size refrigerant lines based on evaporator port sizes

Dimensions (inch)						
	A	B	C	D	E	F
30K	37 3/32	23 15/64	35 7/16	10 15/64	25 25/32	27 1/4
36K	54 3/8	23 1/32	52 3/4	10 15/64	25 25/32	27 7/16

Supply & Return Air Opening (inch)				
	Size of Supply Air Outlet		Size of Return Air	
30K	8 1/2	29 1/8	34 5/16	9 3/16
36K	8 1/2	45 7/16	46 3/8	8 11/16

INDOOR FAN PEFORMANCE DATA

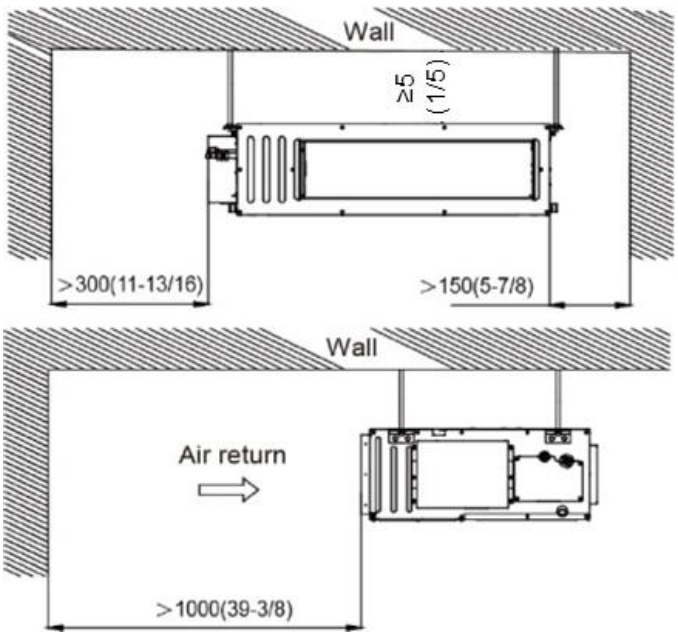


Note:
ESP adjusted by the wired controller.

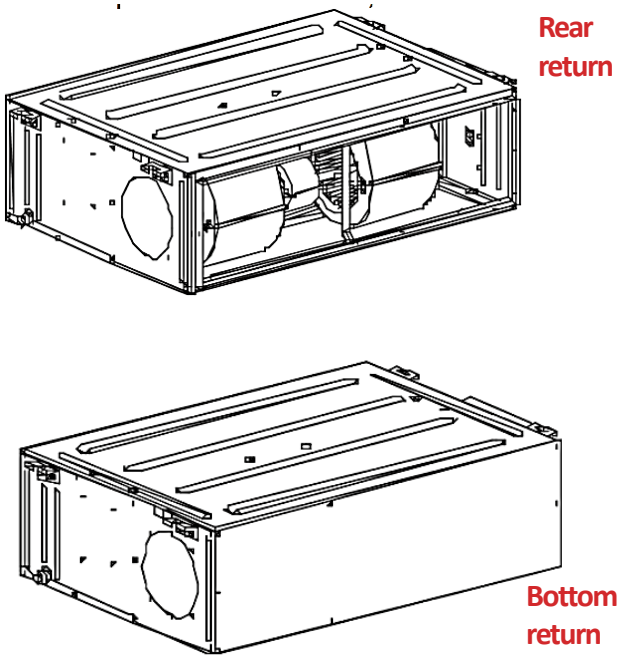
DIMENSIONAL SPECIFICATIONS: : TFH30D32AI

MINIMUM SPACING REQUIREMENTS

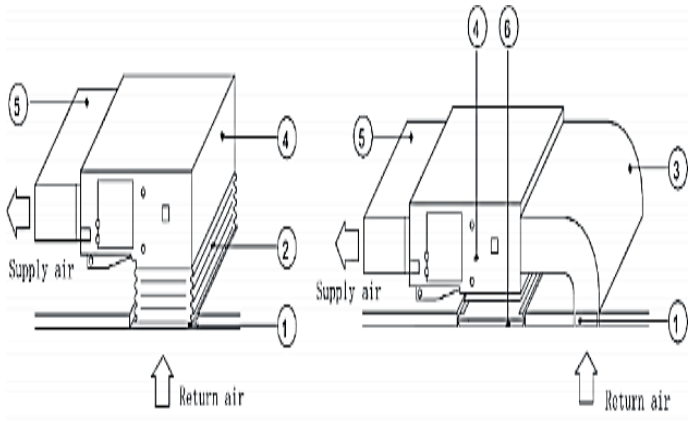
Units: mm(inch)



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

