TOSOT

SINGLE/MULTI-ZONE DUCTLESS SYSTEM

12,000 BTU / H 4-WAY CASSETTE UNIT

SUBMITTAL DATA: TM12HBKDI + TW12HXP2A1DO

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

AHRI CERTIFIED REF NO: 212365395





YAN1F6 (Standard)



XE71-00/E (Optional)



XE72-44/E (Optional)



SYSTEM PERFORMANCE			
Cooling	Rated Capacity @ 95°F	Btu/h	12,000
	Min-Max Capacity	Btu/h	900 – 14,100
Heating	Rated Capacity @ 47°F	Btu/h	12,000
	Min-Max Capacity	Btu/h	900 – 14,100
SEER2 / EER2			24.0 / 12.5
HSPF2			8.5
Cooling Temperature Range		°F / °C	-20 ~122 / -29 ~ 50
Heating Temperature Range		°F / °C	-22 ~ 86 / -30 ~ 30
INDOOR UNIT			
Fan Motor Output Power		W	45
Fan Motor FLA		A	0.5
Air Flow (Min - Max)		CFM	265 - 383
Sound Pressure Level		dB(A)	34 -44
Dehumidification		pt/hr	2.96
Condensate Drain Size (OD)		in	1
Unit Dimension (WxHxD)		in	23 1/2 X 23 1/2 X 9 1/2
Weight (Net / Gross)		lbs	44 /53
OUTDOOR UNIT			
Compressor Type			DC Inverter, Twin Rotary
Compressor RLA		A	6.8
Fan Motor Output Power		W	30
Fan Motor RLA		A	0.4
Sound Pressure Level		dB(A)	48
REFRIGERANT PIPING			
Line Set Size (Liquid - Gas)		in	1/4 - 3/8
Pre-Charge Lengh		ft	16.4
Pipe Length (Min - Max)		ft	5 – 66
Max. Pipe Elevation		ft	33
ELECTRICAL			
Power Supply (Powered by Outdoor Unit)			208/230V, 1Ph, 60Hz
MCA / MOCP		A	10 / 15
Main Power Wire Size		AWG	14 / 2
Interconnecting Wire Size		AWG	14 / 4

GENERAL FEATURES

- Compact and Quiet Design
- 4 - Way Air Discharge
- Internal Condensate Drain Pump
- Wireless Remote with LCD Display
- Low Ambient Cooling Based on Outdoor Unit
- Low Ambient Heating Based on Outdoor Unit
- Copper Tube / Aluminum Fin Coil (Blue Fin) 500 Hrs Salt Spray Tested
- Wired controller (Optional) XE72-44/E

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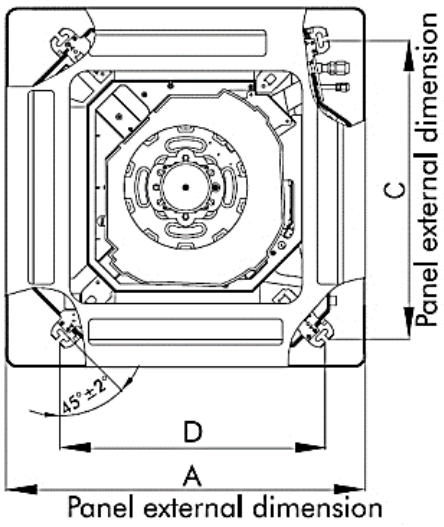
FEATURES & FUNCTION SUMMARY: TM12HBKDI

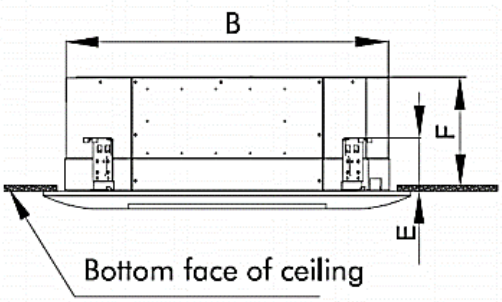
REMOTE CONTROLLER FUNCTIONS	
Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	No
Auto Swing (Vertical Auto Swing)	Yes
Clock	Yes
Dry Mode	Yes
Dry Anti- Mildew (X- Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	No
Room Temperature Display	No
Sleep Mode	Yes
Normal Sleep Mode Option	Yes
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes
24Vac Signal 3rd party Backup Heater Output	Optional with XE71-00/E
Wifi Control	Optional with XE72-44/E

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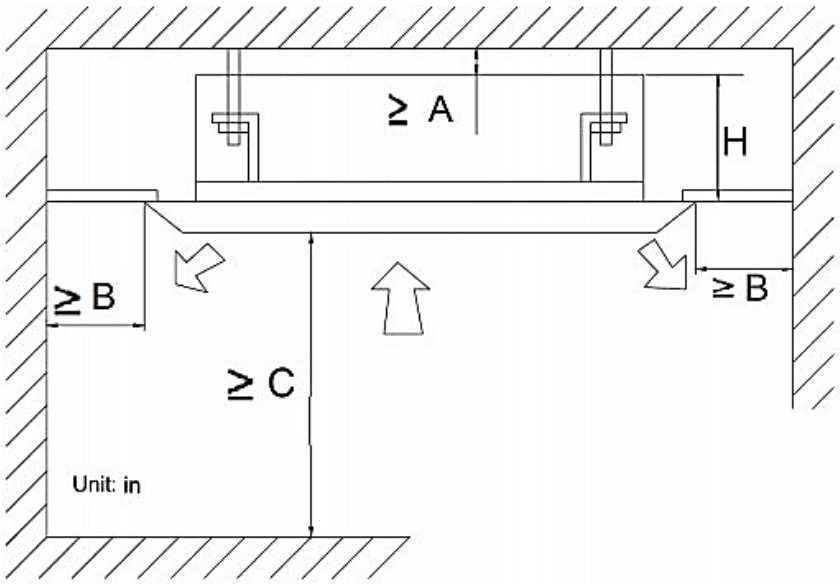
DIMENSIONS & CLEARANCES: TM12HBKDI





Dimensions	
A	26 3/8
B	26 3/8
C	23 5/8
D	19 1/2
E	5 11/16
F	9 7/16

Unit: inch



Dimensions	
A	7/8
B	60
C	98
H	10

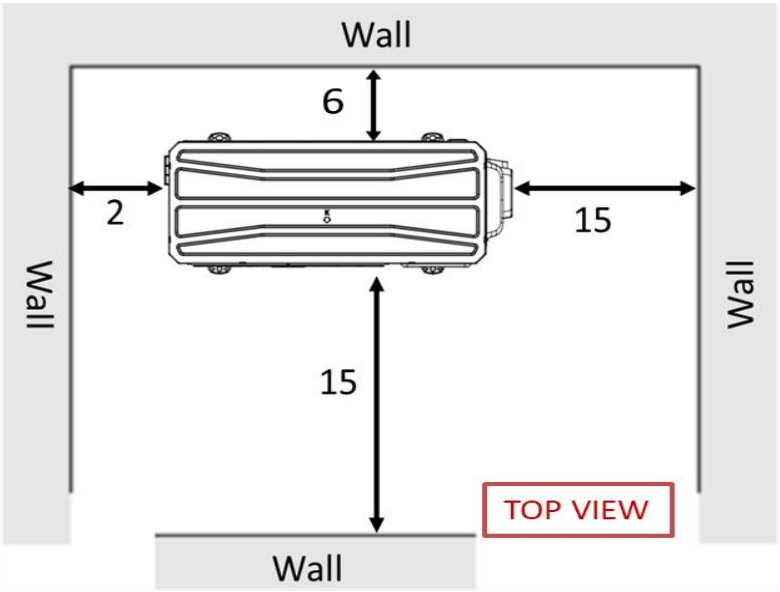
Unit: inch

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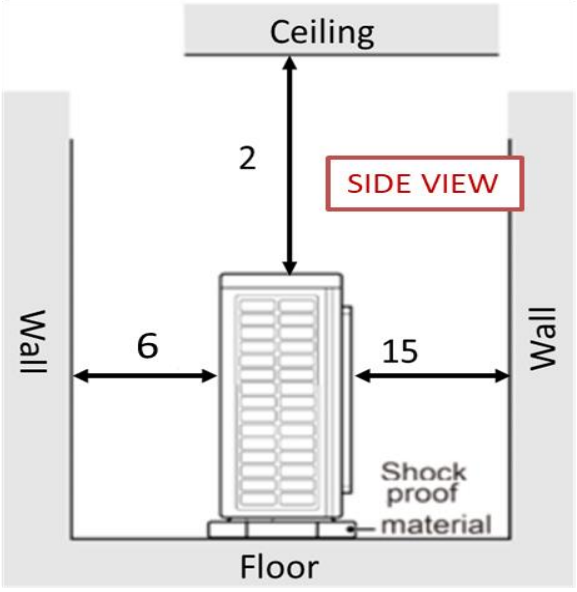
DIMENSIONAL SPECIFICATIONS: TW12HXP2A1DO

MINIMUM SPACING REQUIREMENTS

Unit: inch



The ceiling should be open



Either left or right side should be open

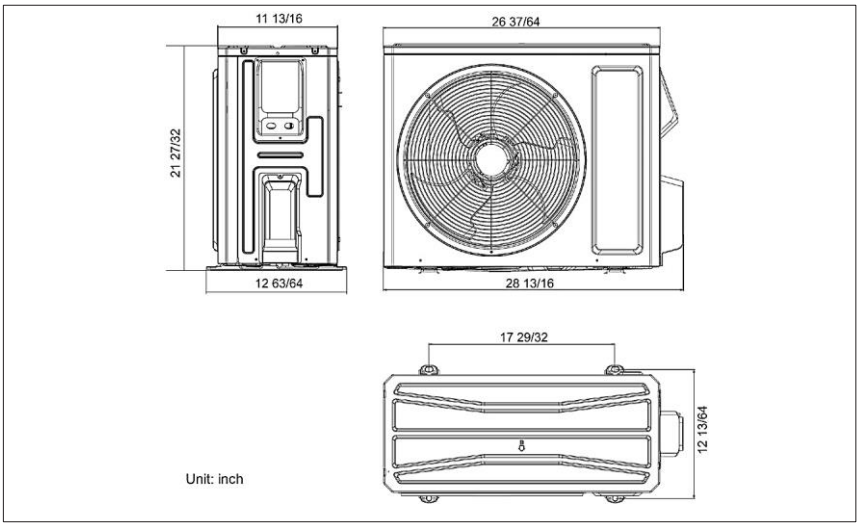
Note:

1. Apply the value in the brackets to achieve best performance
2. Wall height on air outlet side ≤ 50inch

OUTDOOR UNIT DIMENSIONS

Model No: TW12HXP2A1DO

Unit: inch



Weight (Net/Shipping) 70.5 /76 LBS

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-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.