TOSOT

SINGLE/MULTI-ZONE DUCTLESS SYSTEM

24,000 BTU / H 4-WAY CASSETTE UNIT

SUBMITTAL DATA: TM24HBKDI + TW24HXP2A1DO

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

AHRI CERTIFIED REF NO: 212365401





YAN1F6 (Standard)



XE71-00/E (Optional)



XE72-44/E (Optional)



SYSTEM PERFORMANCE			
Cooling	Rated Capacity @ 95°F	Btu/h	22,000
	Min-Max Capacity	Btu/h	3,600 – 26,500
Heating	Rated Capacity @ 47°F	Btu/h	24,000
	Min-Max Capacity	Btu/h	4,000 – 33,000
SEER2 / EER2			21.0 / 11.9
HSPF2			9.5
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	518 - 753
Sound Pressure Level		dB(A)	36 - 47
Dehumidification		pt/hr	5.3
Condensate Drain Size (OD)		in	1
Unit Dimension (WxHxD)		in	33 X 33 X 9 1/2
Weight (Net / Gross)		lbs	57 / 71
OUTDOOR UNIT			
Compressor Type			DC Inverter, Twin Rotary
Compressor RLA		A	11.0
Fan Motor Output Power		W	90
Fan Motor RLA		A	0.6
Sound Pressure Level		dB(A)	54
REFRIGERANT PIPING			
Line Set Size (Liquid - Gas)		in	3/8 - 5/8
Pre-Charge Lengh		ft	25
Pipe Length (Min - Max)		ft	10 – 131
Max. Pipe Elevation		ft	82
ELECTRICAL			
Power Supply (Powered by Outdoor Unit)			208/230V, 1Ph, 60Hz
MCA / MOCP		A	16 / 25
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

R410A INVERTER ETL Intertek AHRI CERTIFIED

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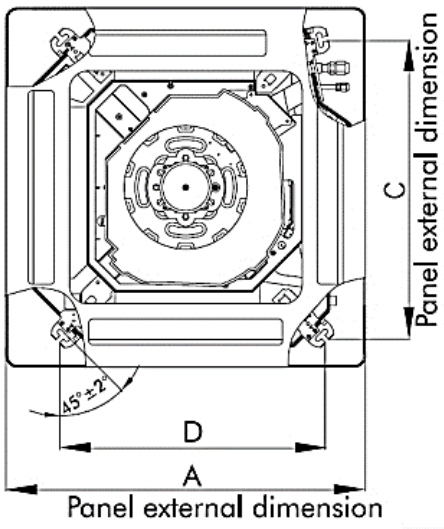
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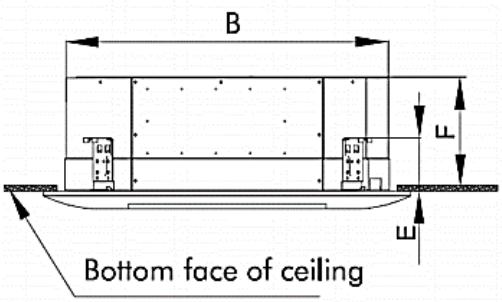
FEATURES & FUNCTION SUMMARY: TM24HBKDI

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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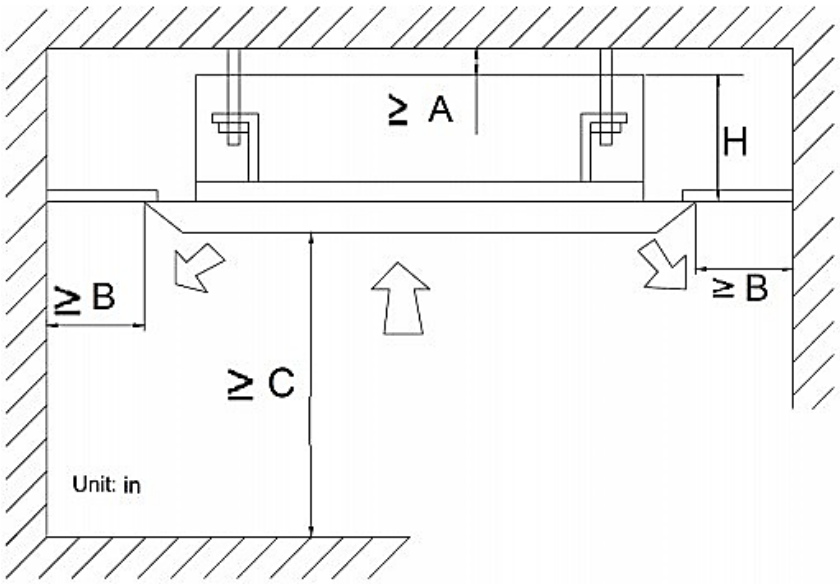
DIMENSIONS & CLEARANCES: TM24HBKDI





Dimensions	
A	37 1/2
B	33
C	30 3/4
D	26 3/4
E	5 3/4
F	9 1/2

Unit: inch



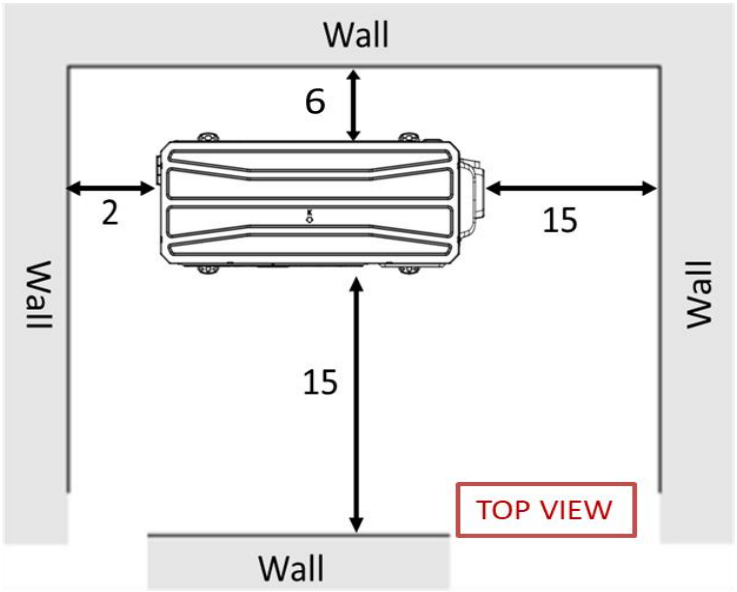
Dimensions	
A	7/8
B	60
C	98
H	10

Unit: inch

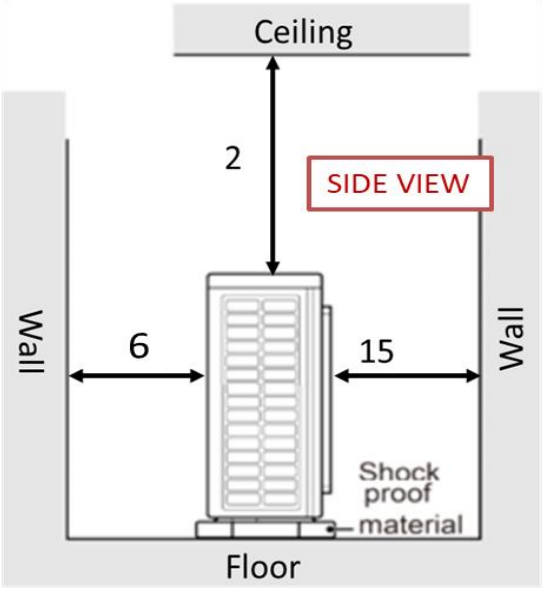
DIMENSIONAL SPECIFICATIONS: TW24HXP2A1DO

Unit: inch

MINIMUM SPACING REQUIREMENTS



The ceiling should be open



Either left or right side should be open

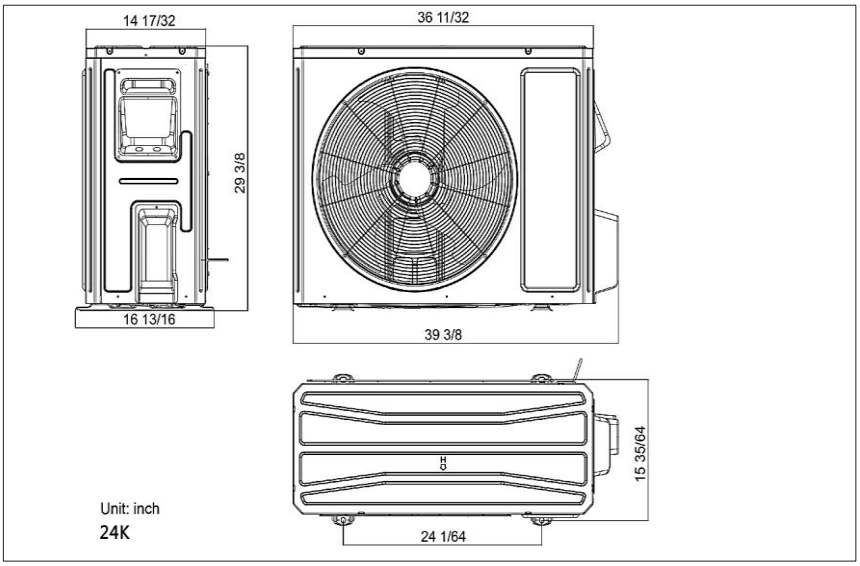
Note:

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

OUTDOOR UNIT DIMENSIONS

Model No: TW24HXP2A1DO

Unit: inch



Weight (Net/Shipping) 125.7 /136.7 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.