



SUBMITTAL DATA

TM24D6HDI  
24000 BTU/H Slim Duct (HS) Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submmited to	For	
Unit Designation	Schedule No.	



YBE1FB5F



TM24D6HDI



XE72-44/E

GENERAL FEATURES

- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Slim Line Construction
- High Static E.S.P Capability -Adjustible
- Internal Condensate Drain Pump
- Flexible Return Air From Bottom Or Rear
- Wireless Remote with LCD Display Included
- XE72-44/E Wi-Fi Wired Controller Included
- Low Ambient Cooling and Heating
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- New R32 Refrigerant with Refrigerant Sensor

## SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

INDOOR MODEL			TM24D6HDI
System Type			HEAT PUMP
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	3,600 - 26,500
	Capacity @95°F	Btu/h	22,000
Heating	Min - Max	Btu/h	4,000 - 33,000
	Capacity @47°F	Btu/h	24,000
	Capacity @17°F	Btu/h	15,600
	Capacity Max @5°F	Btu/h	19,600
SEER2			19.5
EER2			12.3
HSPF2			9.0
COP @5°F			1.80
Cooling Temperature Range		°F	-20 - 122
Heating Temperature Range		°F	-22 - 86
Refrigerant Type			R32
INDOOR UNIT			TM24D6HDI
Air flow (Min-Max)		CFM	406 - 736
External Static Pressure (Max)		In W.c.	0.8
Sound Pressure Level (Min - Max)		dB(A)	30 - 42
Dehumidification		pt/hr	5.28
External Dimensions (L x D x H)		in	44-31/64 x 29-11/16 x 11-13/16
Package Dimension (L x W x H)		in	47-7/16 x 32-1/64 x 14-11/64
Net Weight		lbs	92.6
Gross Weight		lbs	106.9
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	423
Additional Charge		oz/ft	0.4
Line Set Sized by Indoor Unit (Liquid - Gas)		in	1/4 - 5/8
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 5/8
Pre-Charge Length		ft	25
Pipe Length (Min - Max)		ft	10 - 131
Max. Pipe Elevation		ft	82
ELECTRICAL			
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	13
Rated Current - Heating		A	15.5
MCA		A	22
MOCP		A	30
Suggested Breaker Size		A	25
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

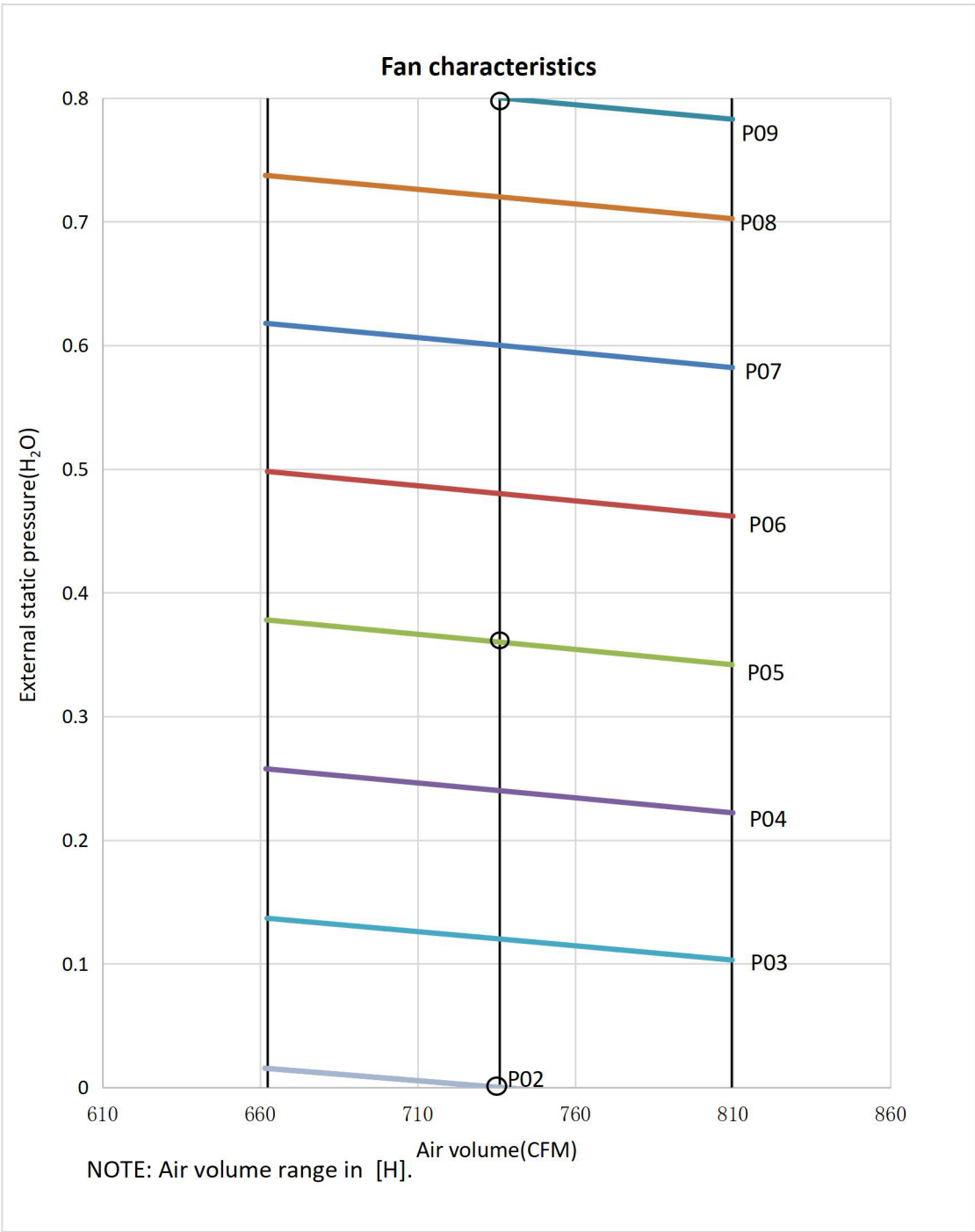
## FEATURES & FUNCTIONS SUMMARY

### SYSTEM FEATURES

Inverter Type	G20 with Field Oriented control (FOC)
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface	Yes
WiFi Included	No
Indoor Fan Type	Centrifugal
Multi Fan Speeds	4 Speeds
Indoor Unit Display	Yes
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	Yes

### NOTE:

Please check the Multi-zone submittals for Ducted or Mixed Performance table.



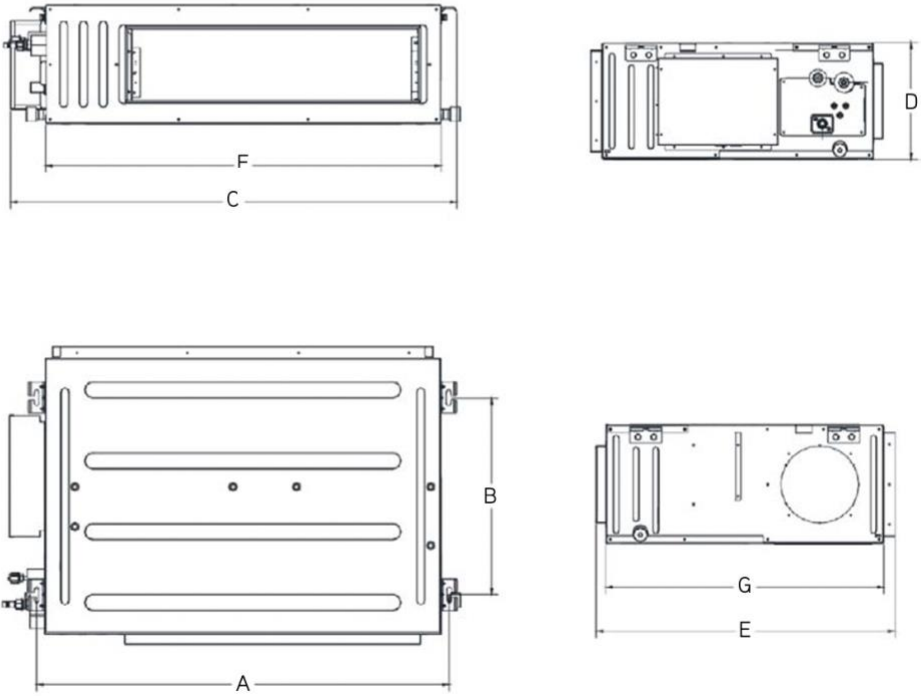
**NOTE:**  
The static pressure is adjusted using the wired controller. Refer to the wired controller instruction manual for more information.

DIMENSIONS

INDOOR UNIT

Unit: inch

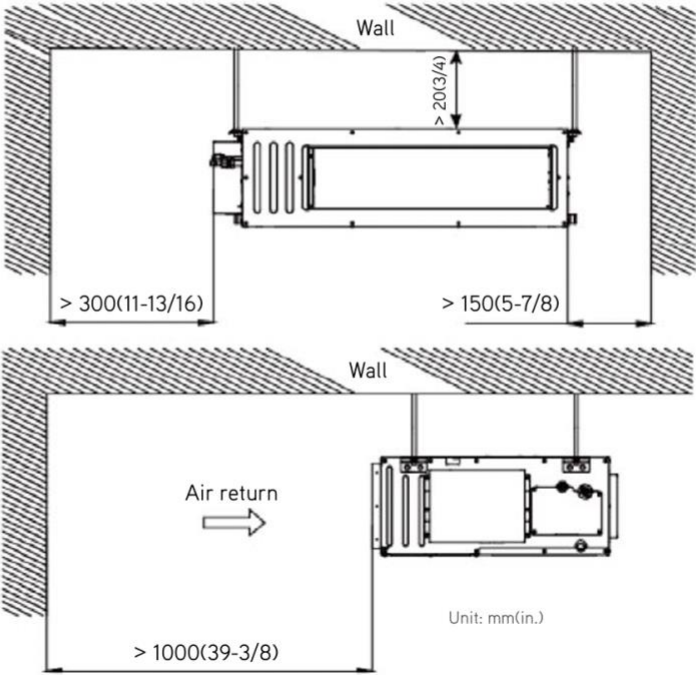
TM24D6HDI	
DIMENSIONS	
A	40 15/16
B	19 11/16
C	44 31/64
D	11 13/16
E	29 11/16
F	39 3/8
G	27 9/16



CLEARANCES

INDOOR UNIT

Minimum clearance

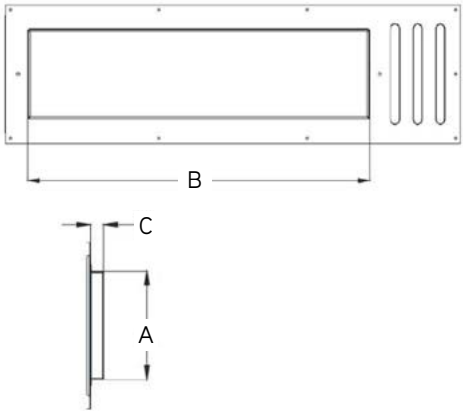
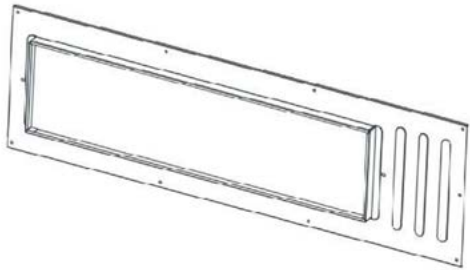


SUPPLY AND RETURN AIR OPENING DIMENSIONS

SUPPLY AIR OUTLET

Unit: inch

TM24D6HDI	
DIMENSIONS	
A	7-5/8
B	29-9/16
C	1



RETURN AIR INLET

Unit: inch

TM24D6HDI	
DIMENSIONS	
D	10-3/8
E	37-3/4
F	1-1/8

