

SUBMITTAL DATA

VEN24HPJ132IA / VEN24HPJ132OA
24000 BTU/H Wall Mounted Heat Pump System

Job Name

Purchaser

Submitted to

Unit Designation

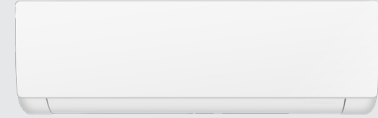
Location

Date

Engineer

For

Schedule No.



VEN24HPJ132IA



VEN24HPJ132OA



YBE1FB1F



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate:
- New R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- A2L Sensors are not included
- Wi-Fi Included
- Low Ambient Cooling down to 0°F (Range 0°F to 118°F)
- Low Ambient Heating down to -13°F (Range -13°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

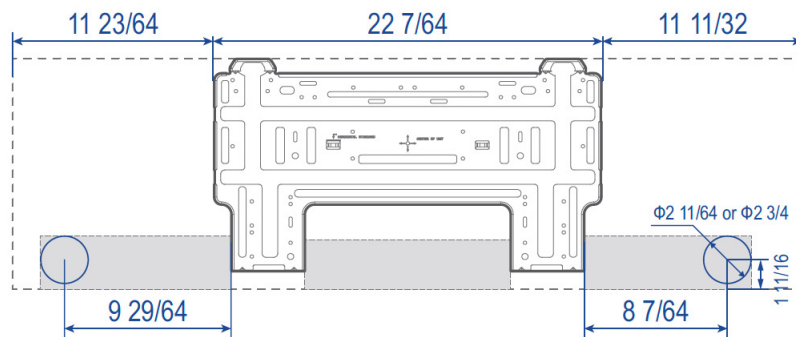
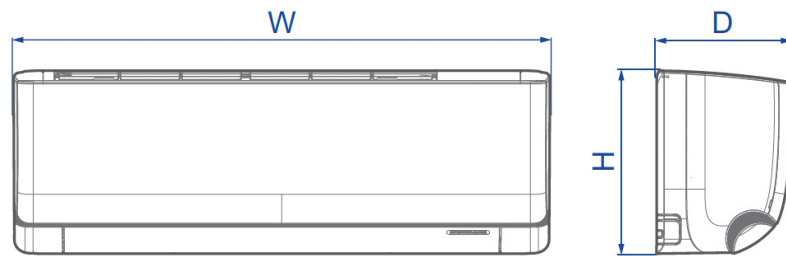
SYSTEM TYPE		HEAT PUMP		FEATURES & FUNCTIONS SUMMARY	
Outdoor Model		VEN24HPJ1320A		Inverter Type	G20
Indoor Model		VEN24HPJ1321A		Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE					
Cooling Capacity	Min - Max	Btu/h	5,800 - 26,270		
	Rated Capacity @95°F	Btu/h	24,000		
Heating Capacity	Min - Max	Btu/h	5,400 - 26,600		
	Rated Capacity @47°F	Btu/h	24,000		
	Rated Capacity @17°F	Btu/h	19,200		
	Rated Capacity @5°F	Btu/h	15,700		
SEER2		19.0			
EER2		11.9			
HSPF2		8.5			
COP @5°F		1.75			
Cooling Temperature Range		°F	0 - 118		
Heating Temperature Range		°F	-13 - 75		
Refrigerant Type		R32			
INDOOR UNIT		VEN24HPJ1321A			
Air flow (Min - Max)		CFM	412 - 677		
Sound Pressure Level (Min - Max)		dB(A)	36 - 51		
Dehumidification		pt/hr	5.28		
External Dimensions (W x H x D)		in	44-51/64 x 13-7/64 x 9-51/64		
Package Dimension (L x W x H)		in	47-3/32 x 16-11/32 x 13-17/64		
Net Weight		lbs	33.1		
Gross Weight		lbs	39.7		
OUTDOOR UNIT		VEN24HPJ1320A			
Compressor Type		G20 / SINGLE CYLINDER / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	58		
External Dimensions (W x H x D)		in	37-23/32 x 25-63/64 x 15-53/64		
Package Dimension (L x W x H)		in	40-5/8 x 17-61/64 x 29-1/64		
Net Weight		lbs	93.7		
Gross Weight		lbs	103.6		
REFRIGERANT PIPING					
Refrigerant Charge - R32		oz	42.3		
Additional Charge		oz/ft	0.1		
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2		
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	11		
Rated Current - Heating		A	12		
MOCP		A	20		
MCA		A	15		
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		
Outdoor Fin Coating (Color:Blue)				Acrylic-Resin/Anti-Corrosive	
Intelligent Defrosting				Yes	
Force Defrosting				Yes	
Intelligent Preheating				Yes	
Low Voltage Startup				Yes	
Memory/Power Failure Recovery				Yes	
Self Diagnosis				Yes	
Wired Controller Interface				Yes	
WiFi Included				Yes	
Indoor Fan Type				Crossflow	
Multi Fan Speeds				7 Speeds	
Indoor Unit Display				Yes	
Auxiliary Electrical Heater				No	
Ventilation (Outdoor Air)				No	
REMOTE CONTROLLER FUNCTIONS					
Auto Mode				Yes	
Auto Fan				Yes	
Auto Swing (Horizontal Auto Swing)				Yes	
Auto Swing (Vertical Auto Swing)				Yes	
Clock on Remote Controller				Yes	
Dry Mode				Yes	
Dry Anti-Mildew (X-Fan) Mode				Yes	
Energy Saving Mode				Yes	
Dirty Filter Alert				No	
I Feel Function				No	
Lock on Remote Controller				Yes	
Quiet Mode				Yes	
Room Temperature Display				Yes	
Sleep Mode				Yes	
Timer Mode				Yes	
Turbo Mode				Yes	
Display On/Off Control				Yes	
Freeze Guard Mode (46°F)				Yes	

DIMENSIONS

INDOOR UNIT

Unit: inch

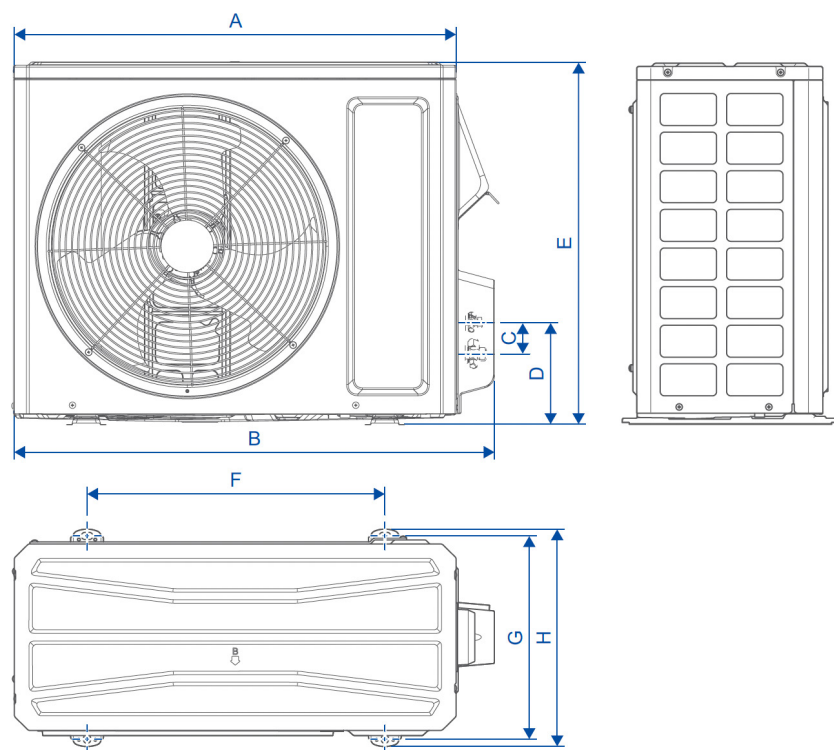
VEN24HPJ1321A	
DIMENSIONS	
W	44 51/64
H	13 7/64
D	9 51/64



OUTDOOR UNIT

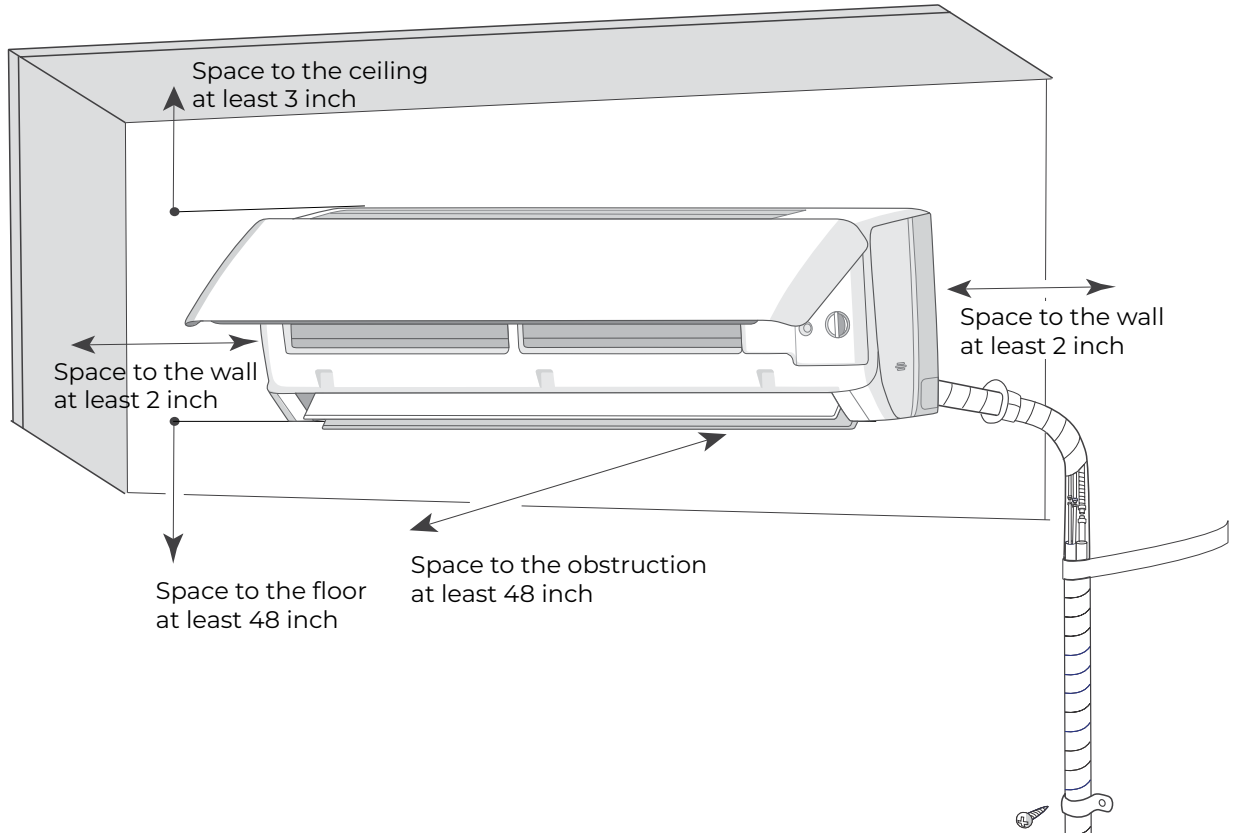
Unit: inch

VEN24HPJ1320A	
DIMENSIONS	
A	35 3/64
B	37 23/32
C	2 9/16
D	6 33/64
E	25 63/64
F	22 7/16
G	14 39/64
H	15 53/64

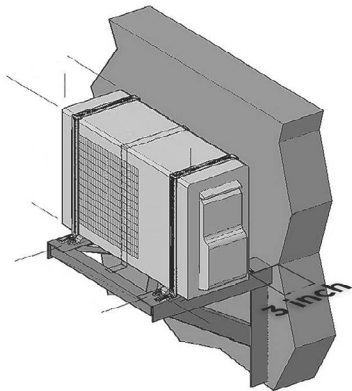


CLEARANCES

INDOOR UNIT Minimum clearance

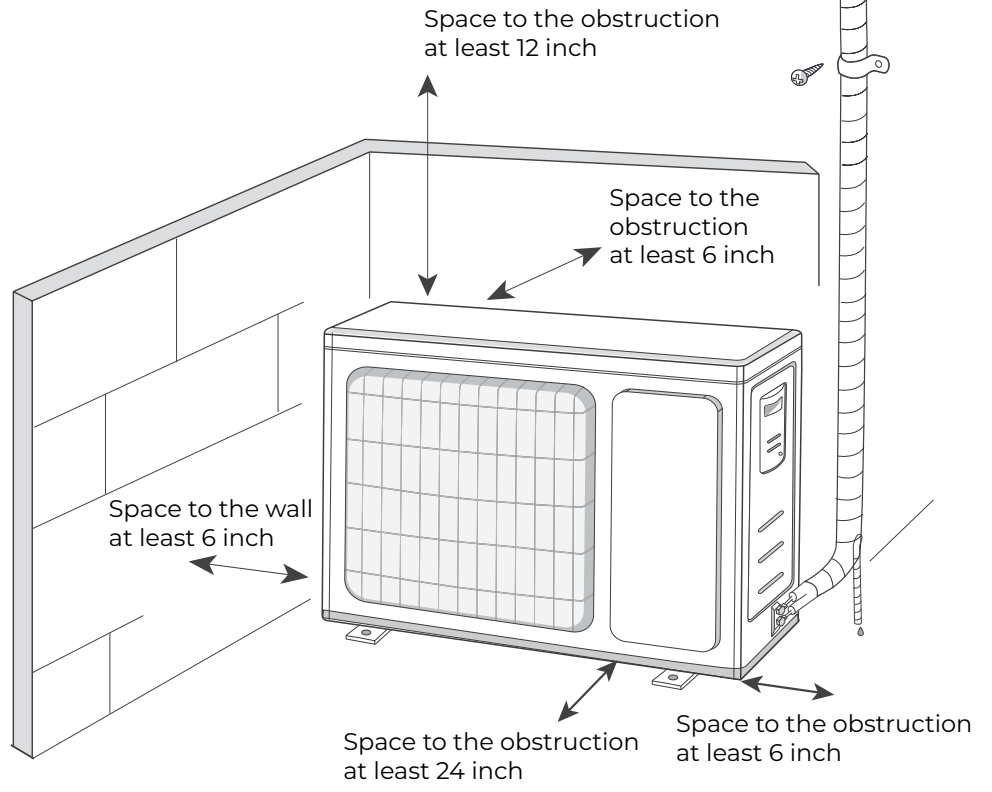


OUTDOOR UNIT Minimum clearance



NOTE:
If bottom of the unit is free of airflow obstructions similar to the mounting bracket figure, the clearance to the wall on the back can be reduced to 3 inches.

This diagram shows a mounting bracket for an outdoor unit. A 3-inch clearance is indicated between the bottom of the bracket and the wall it is mounted to.



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