

SUBMITTAL DATA

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

Job Name

Purchaser

Submitted to

Unit Designation

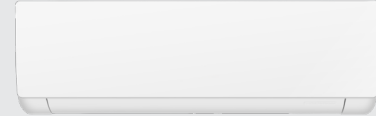
Location

Date

Engineer

For

Schedule No.



VEN24HPJ132IA



VEN24HPJ132OA



YBE1FB1F



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [218385926](#)
- 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	
Outdoor Model			VEN24HPJ132OA	
Indoor Model			VEN24HPJ132IA	
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			VEN24HPJ132IA	
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			VEN24HPJ132OA	
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	

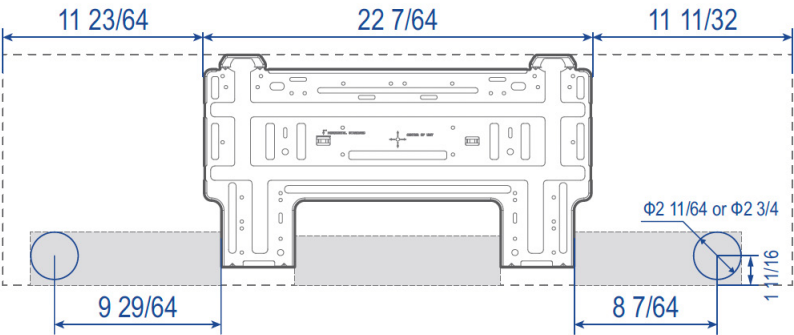
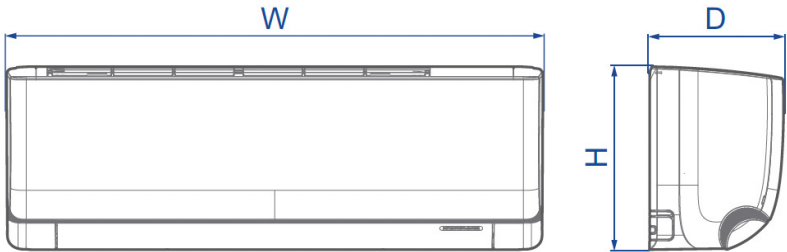
FEATURES & FUNCTIONS SUMMARY	
Inverter Type	G20
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Basepan With Electric Heater	Yes
Compressor With Electric Heater	Yes
Outdoor Fin Coating (Color:Blue)	Acrylic-Resin/Anti-Corrosive
Intelligent Defrosting	Yes
Force Defrosting	Yes
Intelligent 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

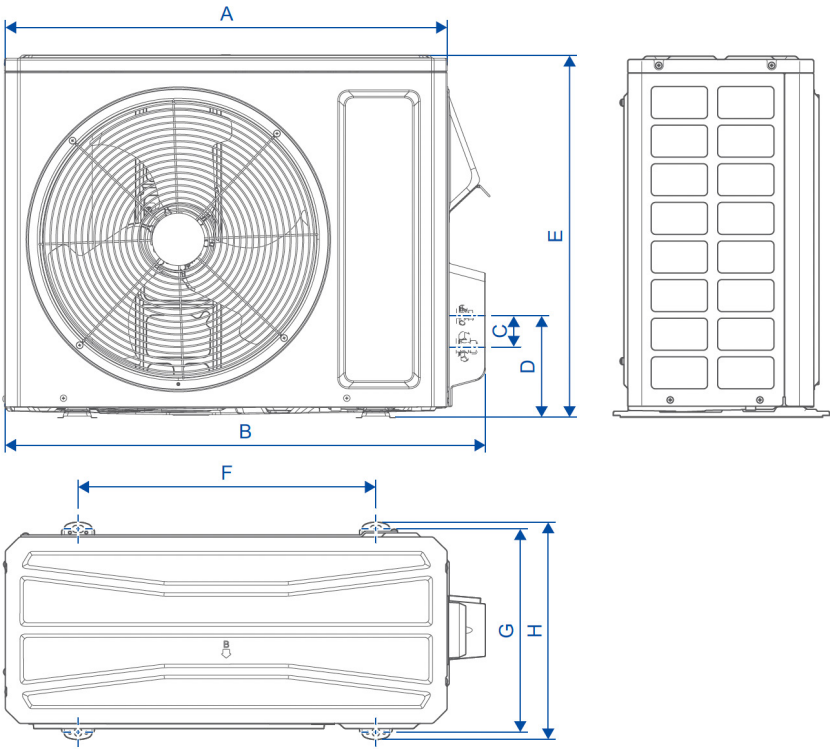
VEN24HPJ1321A	
DIMENSIONS	
W	44 51/64
H	13 7/64
D	9 51/64



OUTDOOR UNIT

Unit: inch

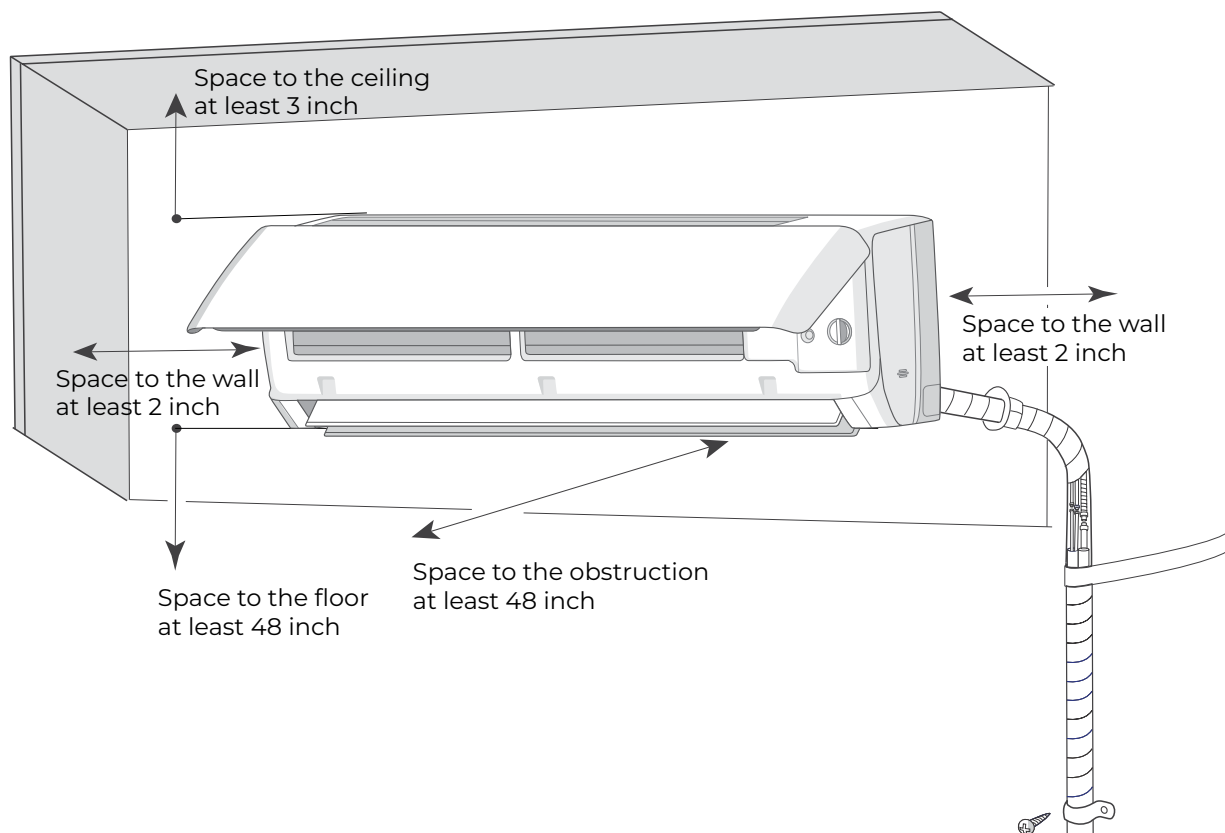
VEN24HPJ1320A	
DIMENSIONS	
A	35 3/64
B	37 23/32
C	2 9/16
D	6 33/64
E	25 63/64
F	22 7/16
G	14 39/64
H	15 53/64



CLEARANCES

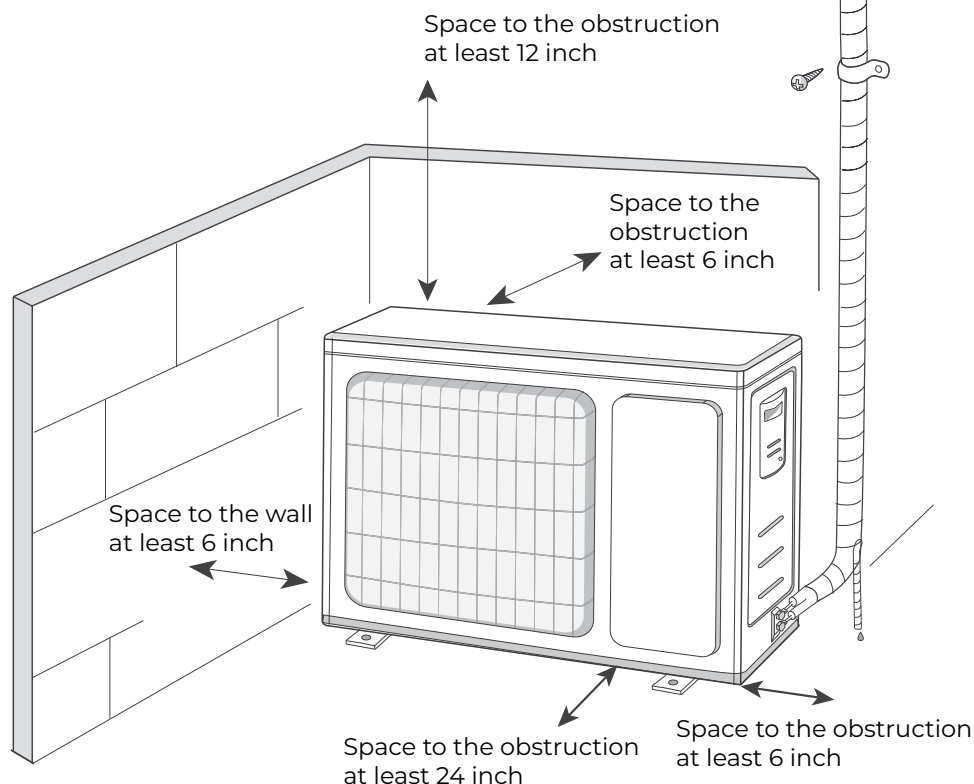
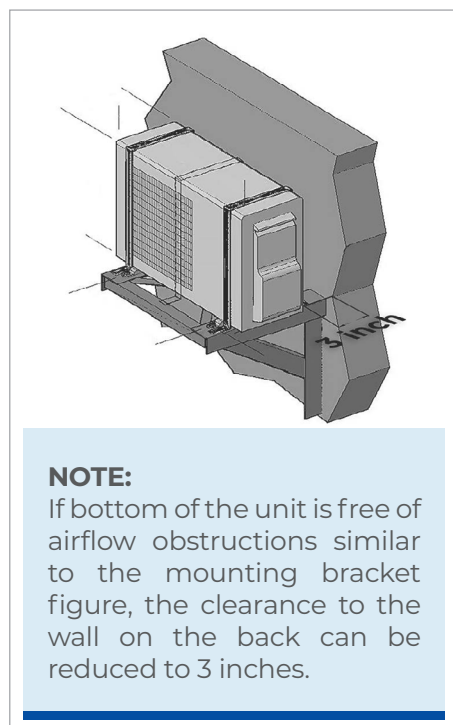
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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