

SUBMITTAL DATA

VEN18HPJ132IA / VEN18HPJ132OA
18000 BTU/H Wall Mounted Heat Pump System

Job Name

Purchaser

Submitted to

Unit Designation

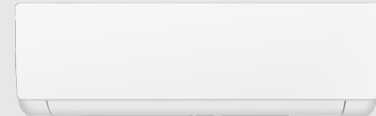
Location

Date

Engineer

For

Schedule No.



VEN18HPJ132IA



VEN18HPJ132OA



YBE1FB1F



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [218394230](#)
- 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

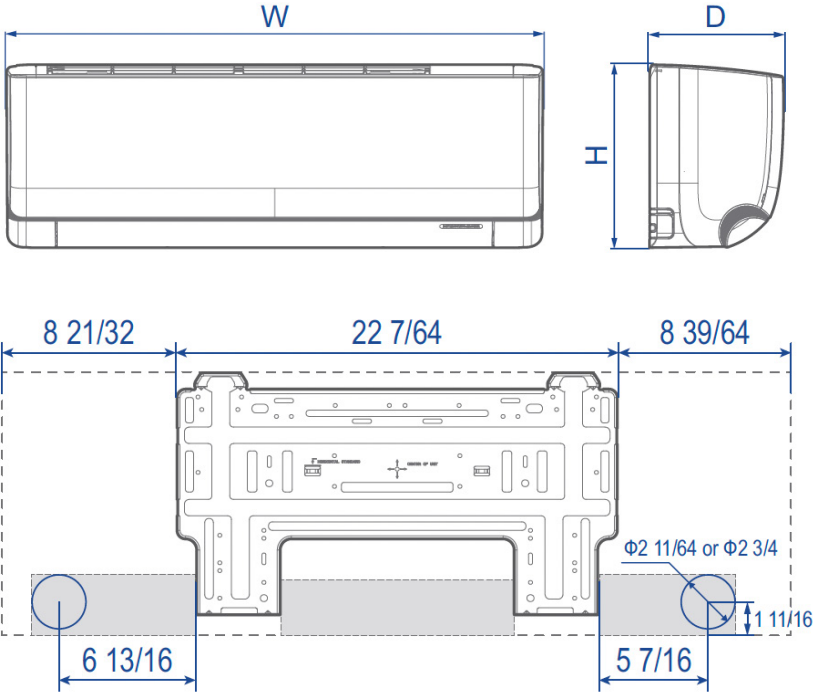
SYSTEM TYPE			HEAT PUMP	FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			VEN18HPJ1320A	Inverter Type	G20
Indoor Model			VEN18HPJ1321A	Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE				Power Factor Correction	Yes
Cooling Capacity	Min - Max	Btu/h	3,753 - 19,790	Basepan With Electric Heater	Yes
	Rated Capacity @95°F	Btu/h	18,000	Compressor With Electric Heater	Yes
Heating Capacity	Min - Max	Btu/h	4,100 - 19,107	Outdoor Fin Coating (Color:Blue)	Acrylic-Resin/Anti-Corrosive
	Rated Capacity @47°F	Btu/h	18,000	Intelligent Defrosting	Yes
	Rated Capacity @17°F	Btu/h	11,200	Force Defrosting	Yes
	Rated Capacity @5°F	Btu/h	10,000	Intelligent Preheating	Yes
SEER2			18.0	Low Voltage Startup	Yes
EER2			10.20	Memory/Power Failure Recovery	Yes
HSPF2			8.2	Self Diagnosis	Yes
COP @5°F			1.75	Wired Controller Interface	Yes
Cooling Temperature Range	°F		0 - 118	WiFi Included	Yes
Heating Temperature Range	°F		-13 - 75	Indoor Fan Type	Crossflow
Refrigerant Type			R32	Multi Fan Speeds	7 Speeds
INDOOR UNIT			VEN18HPJ1321A	Indoor Unit Display	Yes
Air flow (Min - Max)	CFM		282 - 589	Auxiliary Electrical Heater	No
Sound Pressure Level (Min - Max)	dB(A)		33 - 51	Ventilation (Outdoor Air)	No
Dehumidification	pt/hr		3.80	REMOTE CONTROLLER FUNCTIONS	
External Dimensions (W x H x D)	in		39-3/8 x 13-7/64 x 9-51/64	Auto Mode	Yes
Package Dimension (L x W x H)	in		41-11/16 x 15-63/64 x 12-29/32	Auto Fan	Yes
Net Weight	lbs		29.8	Auto Swing (Horizontal Auto Swing)	No
Gross Weight	lbs		35.3	Auto Swing (Vertical Auto Swing)	Yes
OUTDOOR UNIT			VEN18HPJ1320A	Clock on Remote Controller	Yes
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER	Dry Mode	Yes
Sound Pressure Level	dB(A)		58	Dry Anti-Mildew (X-Fan) Mode	Yes
External Dimensions (W x H x D)	in		31-37/64 x 21-27/32 x 13-25/32	Energy Saving Mode	Yes
Package Dimension (L x W x H)	in		34-21/64 x 15-43/64 x 24-13/32	Dirty Filter Alert	No
Net Weight	lbs		62.9	I Feel Function	No
Gross Weight	lbs		68.4	Lock on Remote Controller	Yes
REFRIGERANT PIPING				Quiet Mode	Yes
Refrigerant Charge - R32	oz		29.3	Room Temperature Display	Yes
Additional Charge	oz/ft		0.2	Sleep Mode	Yes
Line Set Size (Liquid - Gas) - Flared Connections	in		1/4 - 1/2	Timer Mode	Yes
Pre-Charge Length	ft		25	Turbo Mode	Yes
Pipe Length (Min - Max)	ft		10 - 82	Display On/Off Control	Yes
Max. Pipe Elevation	ft		33	Freeze Guard Mode (46°F)	Yes
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)	VAC		187 - 253		
Rated Current - Cooling	A		10		
Rated Current - Heating	A		10		
MOCP	A		15		
MCA	A		13		
Main Power Wire Size	AWG		Per Local Code		
Interconnecting Wire Size	AWG		14 / 4		

DIMENSIONS

INDOOR UNIT

Unit: inch

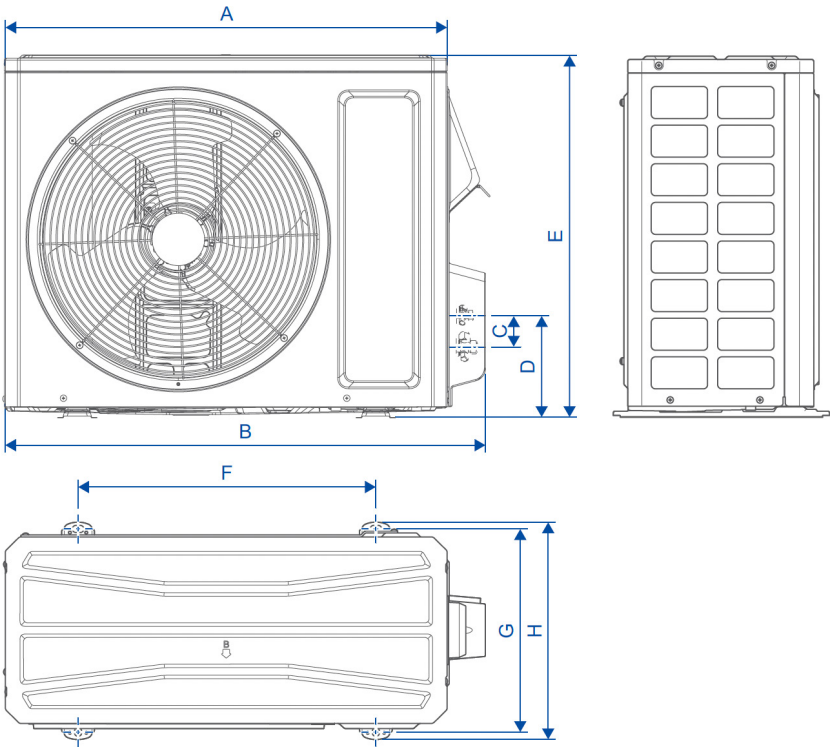
VEN18HPJ1321A	
DIMENSIONS	
W	39 3/8
H	13 7/64
D	9 51/64



OUTDOOR UNIT

Unit: inch

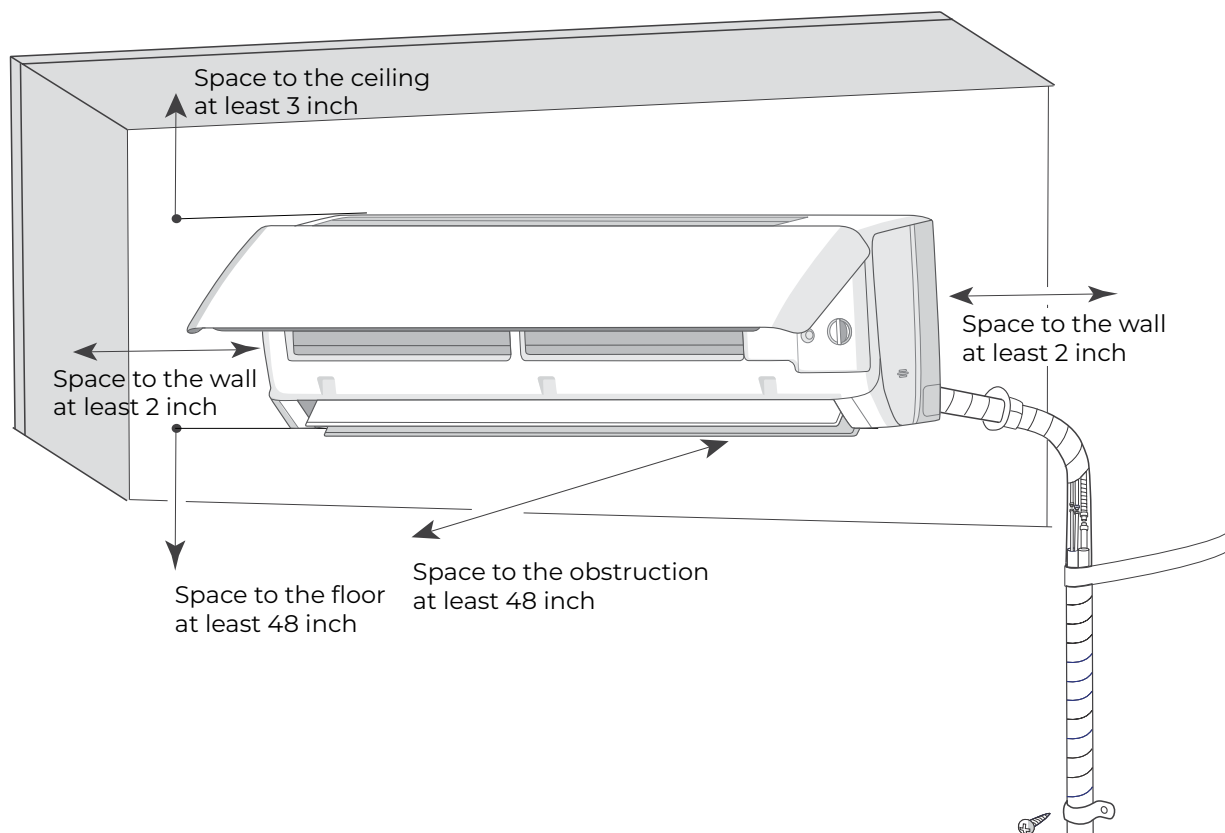
VEN18HPJ1320A	
DIMENSIONS	
A	29 21/64
B	31 37/64
C	2 9/16
D	6 27/64
E	21 27/32
F	20 13/64
G	13 1/32
H	13 25/32



CLEARANCES

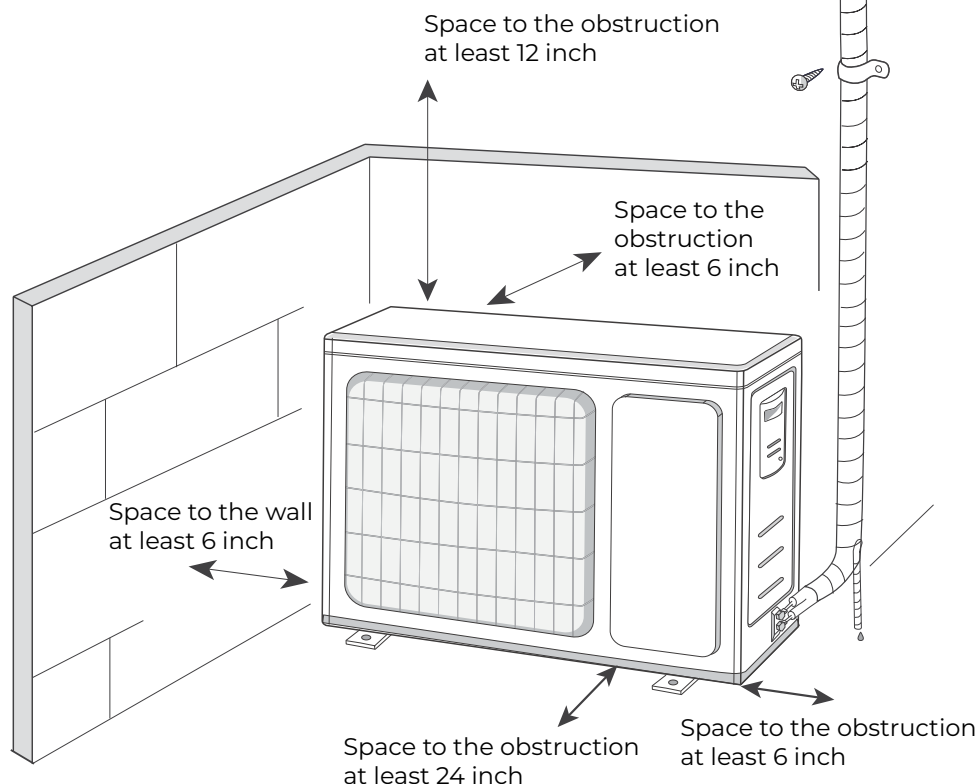
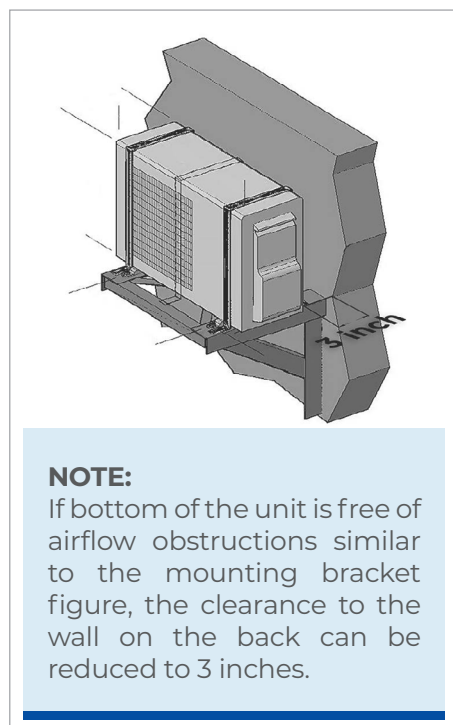
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.

BOREALHEATPUMPS.COM