

SUBMITTAL DATA

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

Job Name

Purchaser

Submitted to

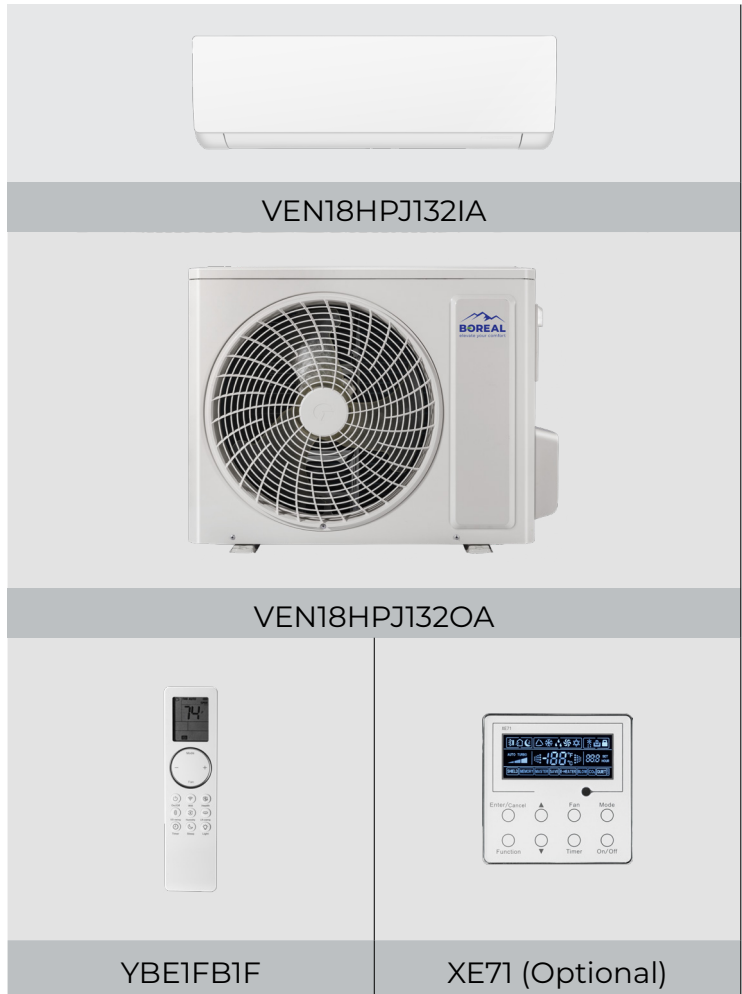
Unit Designation

Location Date

Engineer

For

Schedule No.



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

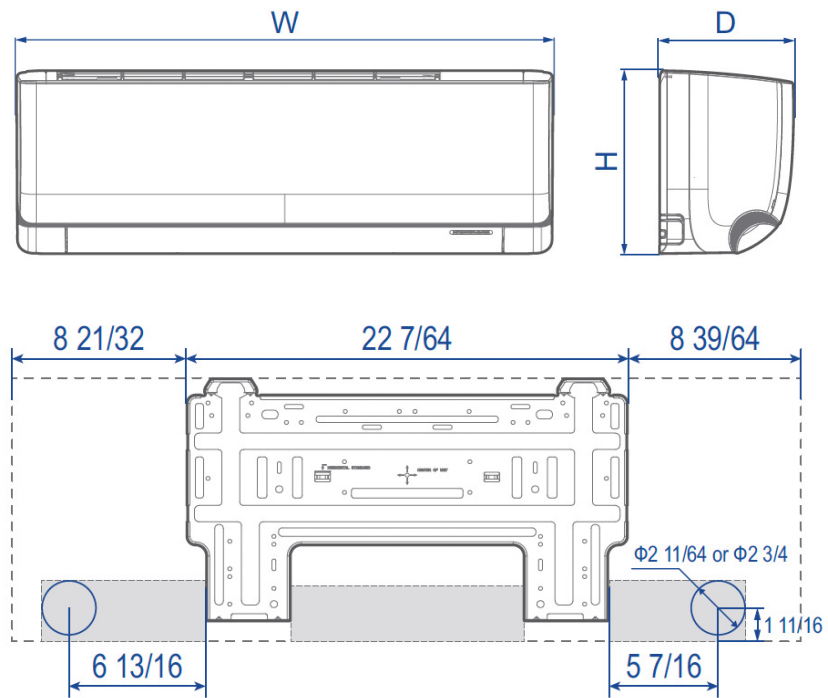
SYSTEM TYPE		HEAT PUMP		FEATURES & FUNCTIONS SUMMARY		
Outdoor Model		VEN18HPJ1320A		Inverter Type	G20	
Indoor Model		VEN18HPJ1321A		Ultra Low Frequency Torque Control	Yes	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	3,753 - 19,790			
	Rated Capacity @95°F	Btu/h	18,000			
Heating Capacity	Min - Max	Btu/h	4,100 - 19,107			
	Rated Capacity @47°F	Btu/h	18,000			
	Rated Capacity @17°F	Btu/h	11,200			
	Rated Capacity @5°F	Btu/h	10,000			
SEER2		18.0		Memory/Power Failure Recovery		Yes
EER2		10.20		Self Diagnosis		Yes
HSPF2		8.2		Wired Controller Interface		Yes
COP @5°F		1.75		WiFi Included		Yes
Cooling Temperature Range	°F	0 - 118		Indoor Fan Type		Crossflow
Heating Temperature Range	°F	-13 - 75		Multi Fan Speeds		7 Speeds
Refrigerant Type		R32		Indoor Unit Display		Yes
INDOOR UNIT		VEN18HPJ1321A		REMOTE CONTROLLER FUNCTIONS		
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

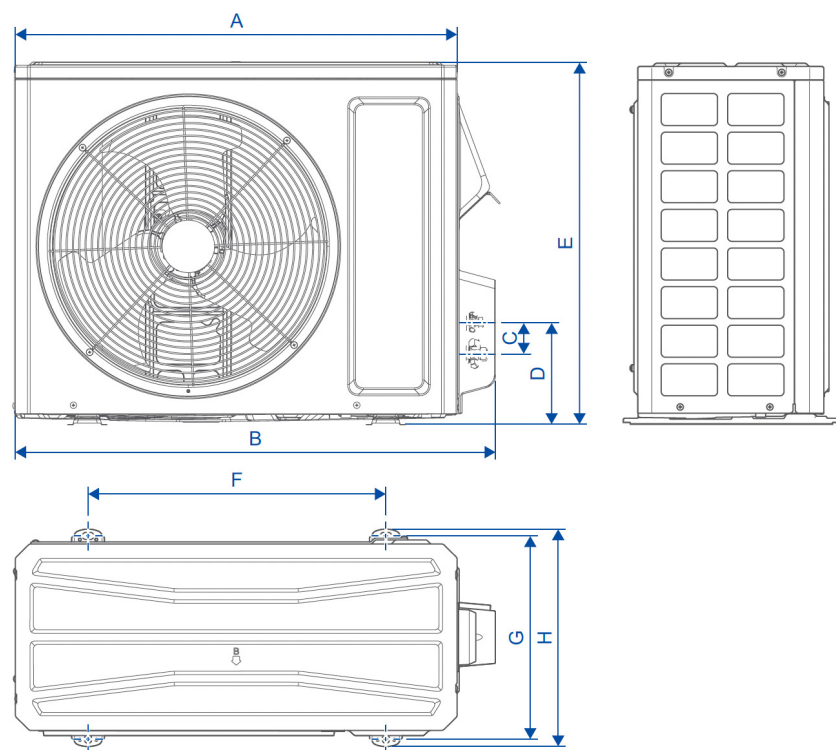
VEN18HPJ1321A	
DIMENSIONS	
W	39 3/8
H	13 7/64
D	9 51/64



OUTDOOR UNIT

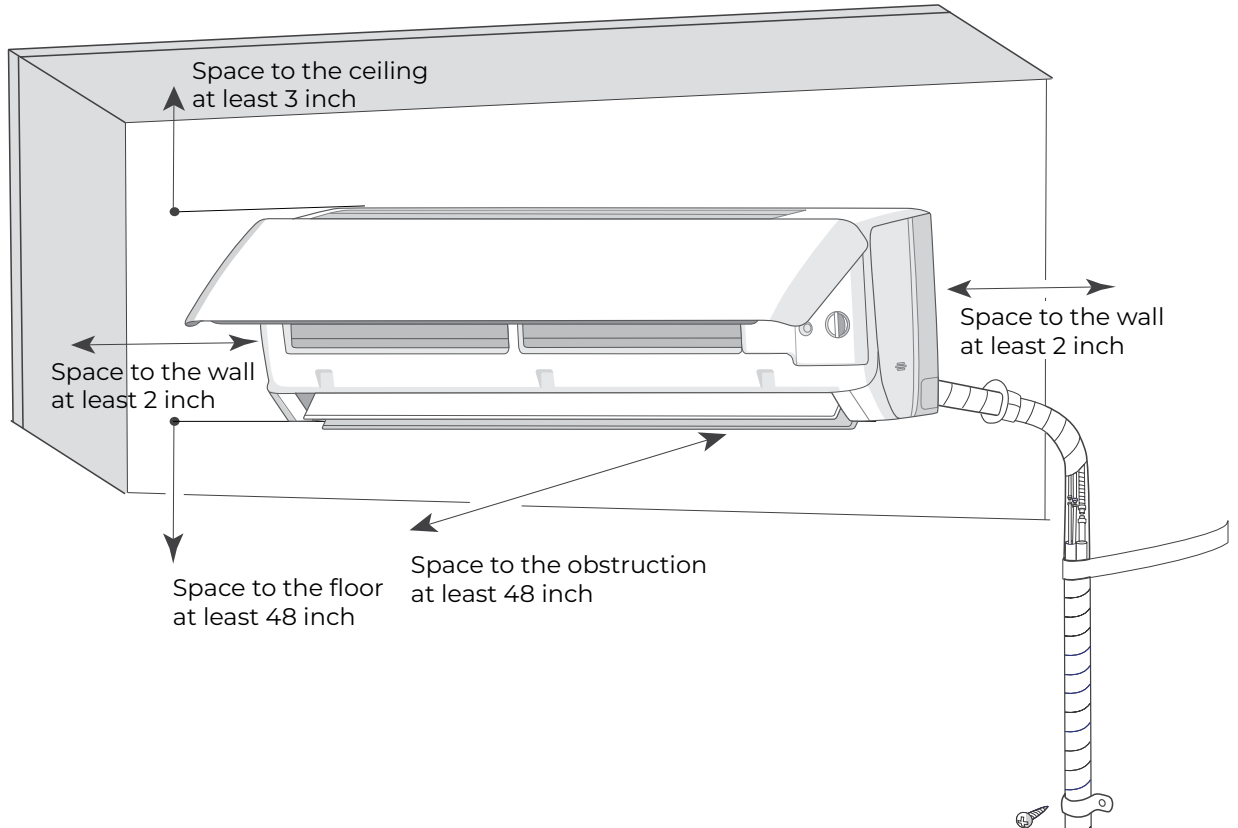
Unit: inch

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

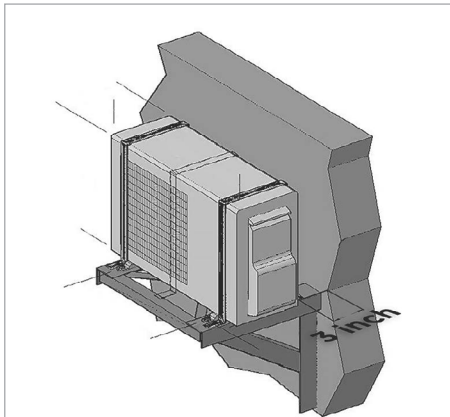


CLEARANCES

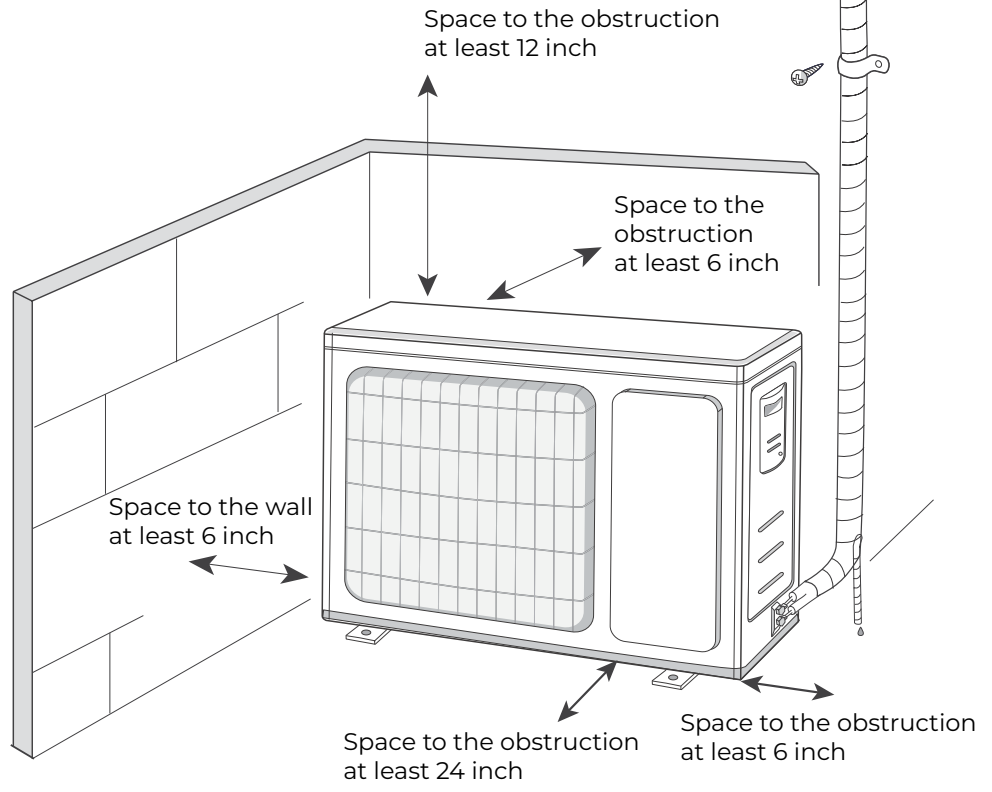
INDOOR UNIT Minimum clearance



OUTDOOR UNIT Minimum clearance



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.



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