

SUBMITTAL DATA

VEN12HPJ132IA / VEN12HPJ132OA
12000 BTU/H Wall Mounted Heat Pump System

Job Name

Purchaser

Submitted to

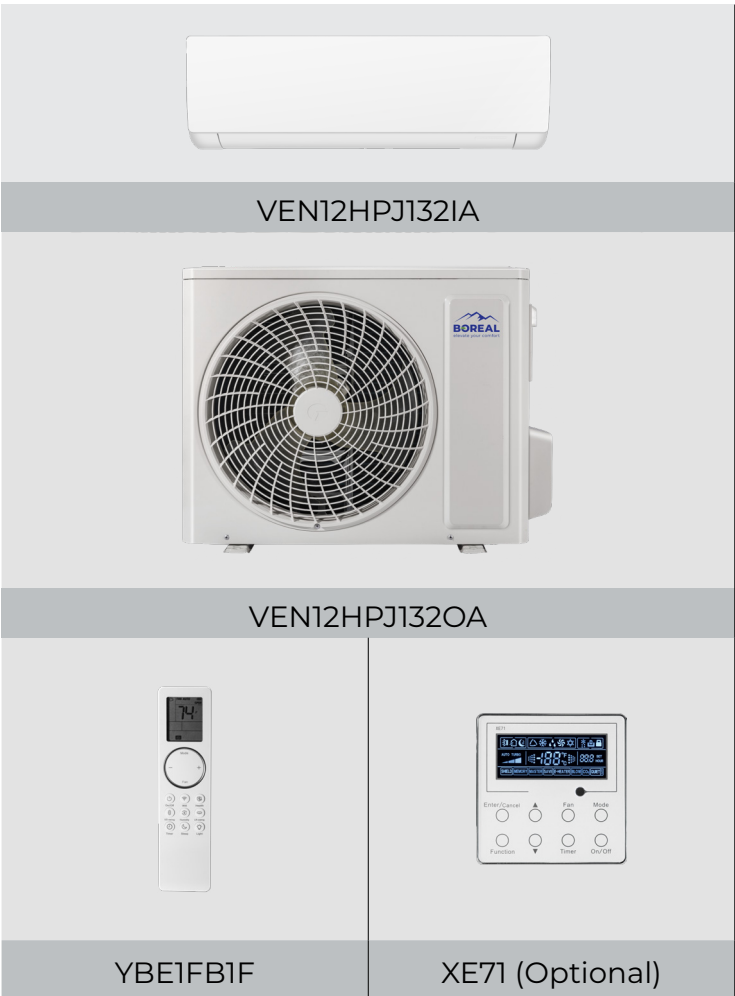
Unit Designation

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

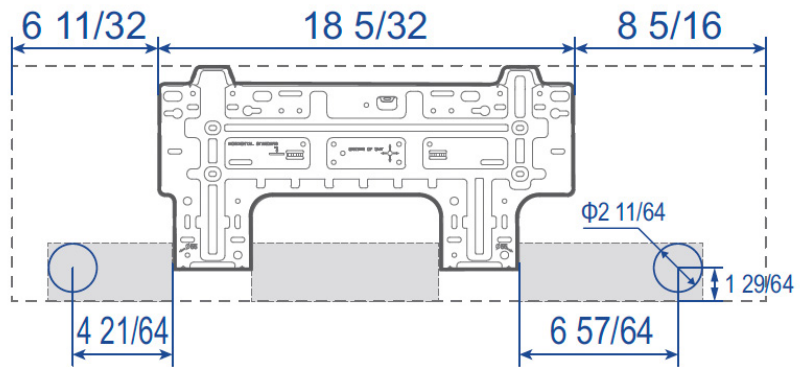
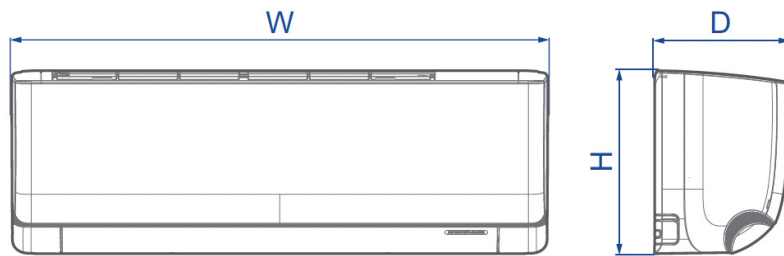
SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			VEN12HPJ1320A		Inverter Type	
Indoor Model			VEN12HPJ1321A		G20	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	2,388 - 12,710		Ultra Low Frequency Torque Control	
	Rated Capacity @95°F	Btu/h	12,000		Yes	
Heating Capacity	Min - Max	Btu/h	2,217 - 13,477		Power Factor Correction	
	Rated Capacity @47°F	Btu/h	12,000		Yes	
	Rated Capacity @17°F	Btu/h	9,700		Basepan With Electric Heater	
	Rated Capacity @5°F	Btu/h	9,500		Yes	
SEER2			16.0		Compressor With Electric Heater	
EER2			8.55		Yes	
HSPF2			8.0		Outdoor Fin Coating (Color:Blue)	
COP @5°F			1.75		Acrylic-Resin/Anti-Corrosive	
Cooling Temperature Range		°F	0 - 118		Intelligent Defrosting	
Heating Temperature Range		°F	-13 - 75		Yes	
Refrigerant Type			R32		Force Defrosting	
					Yes	
INDOOR UNIT			VEN12HPJ1321A		Intelligent Preheating	
Air flow (Min - Max)			CFM		Yes	
Sound Pressure Level (Min - Max)			dB(A)		Low Voltage Startup	
Dehumidification			pt/hr		Yes	
External Dimensions (W x H x D)			in		Memory/Power Failure Recovery	
Package Dimension (L x W x H)			in		Yes	
Net Weight			lbs		Self Diagnosis	
Gross Weight			lbs		Yes	
OUTDOOR UNIT			VEN12HPJ1320A		Wired Controller Interface	
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER		Yes	
Sound Pressure Level			dB(A)		WiFi Included	
External Dimensions (W x H x D)			in		Yes	
Package Dimension (L x W x H)			in		Indoor Fan Type	
Net Weight			lbs		Crossflow	
Gross Weight			lbs		Multi Fan Speeds	
REFRIGERANT PIPING					7 Speeds	
Refrigerant Charge - R32			oz		Indoor Unit Display	
Additional Charge			oz/ft		Yes	
Line Set Size (Liquid - Gas) - Flared Connections			in		Auxiliary Electrical Heater	
Pre-Charge Length			ft		No	
Pipe Length (Min - Max)			ft		Ventilation (Outdoor Air)	
Max. Pipe Elevation			ft		No	
ELECTRICAL					REMOTE CONTROLLER FUNCTIONS	
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		Auto Mode	
Voltage Range (Min - Max)			VAC		Yes	
Rated Current - Cooling			A		Auto Fan	
Rated Current - Heating			A		Yes	
MOCP			A		Auto Swing (Horizontal Auto Swing)	
MCA			A		No	
Main Power Wire Size			AWG		Auto Swing (Vertical Auto Swing)	
Interconnecting Wire Size			AWG		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

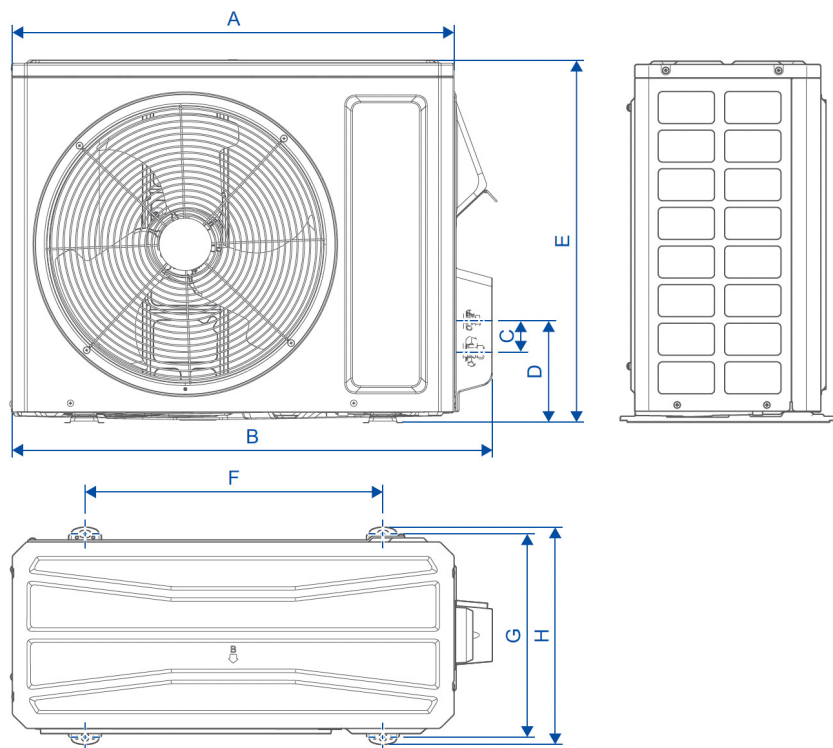
VEN12HPJ1321A	
DIMENSIONS	
W	32 51/64
H	10 15/64
D	7 9/16



OUTDOOR UNIT

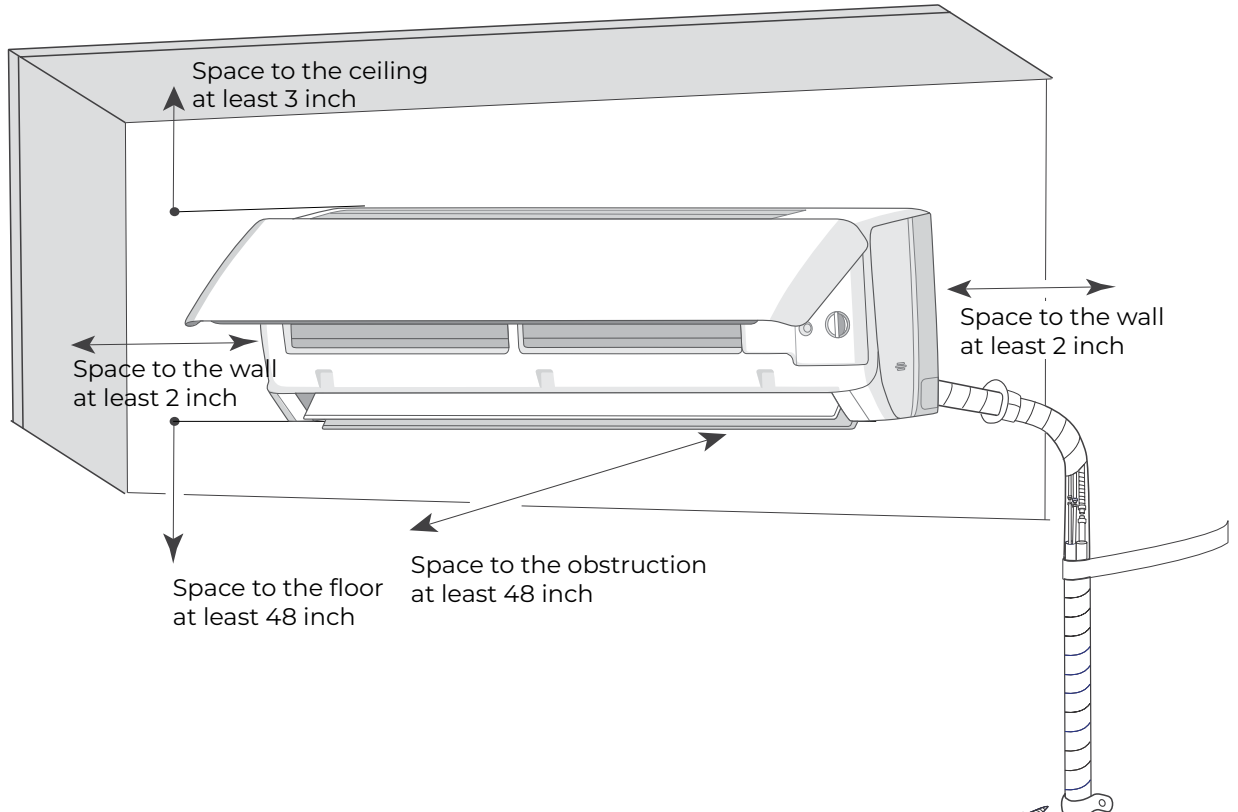
Unit: inch

VEN12HPJ1320A	
DIMENSIONS	
A	26 37/64
B	28 13/16
C	2 9/16
D	6 27/64
E	21 27/32
F	17 29/32
G	12 13/64
H	12 63/64

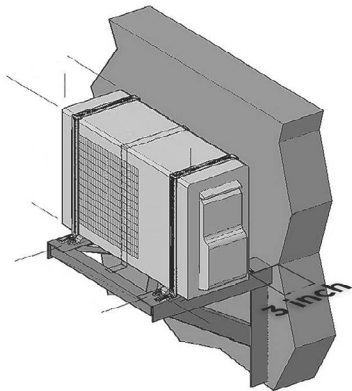


CLEARANCES

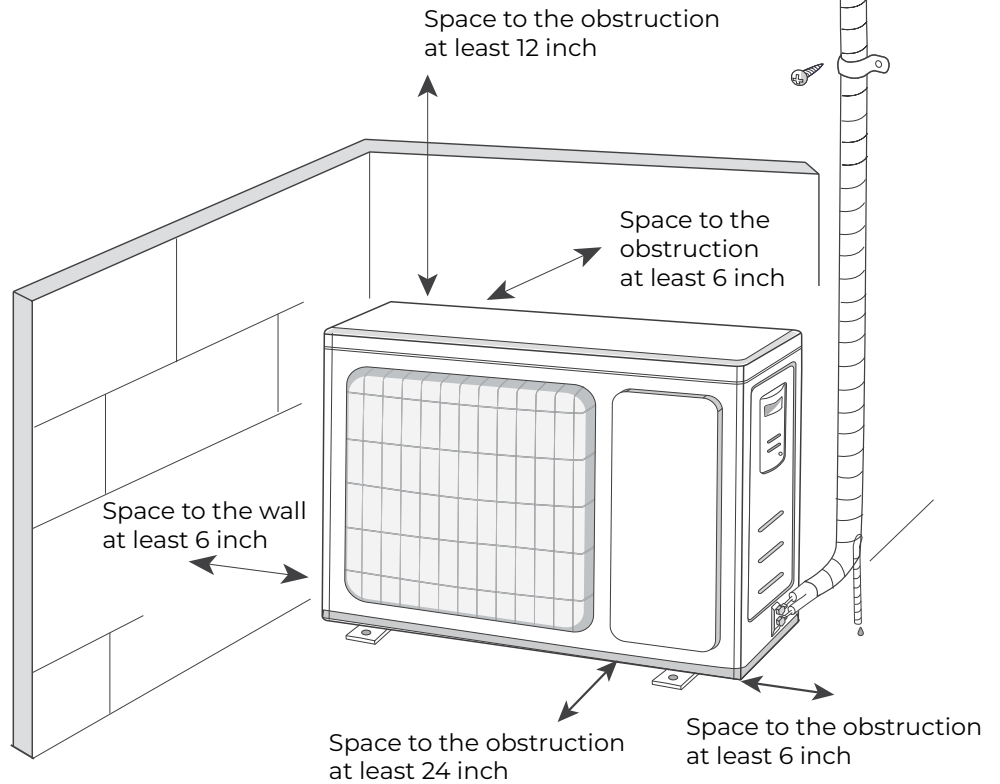
INDOOR UNIT Minimum clearance



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.



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