

SUBMITTAL DATA

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

Job Name

Purchaser

Submitted to

Unit Designation

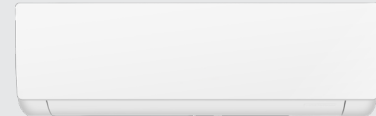
Location

Date

Engineer

For

Schedule No.



VEN12HPJ132IA



VEN12HPJ132OA



YBE1FB1F



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [218385925](#)
- 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

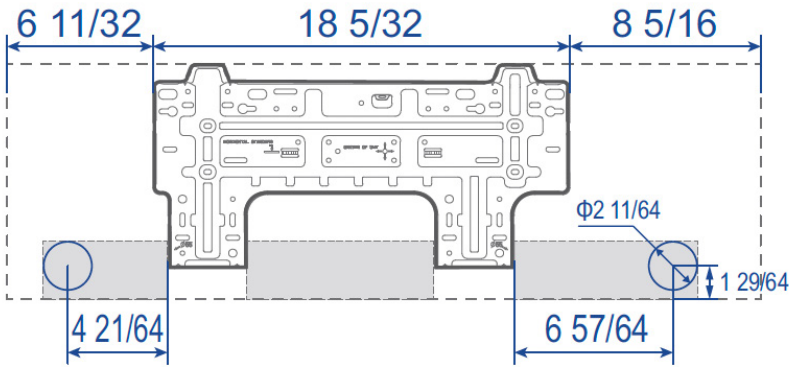
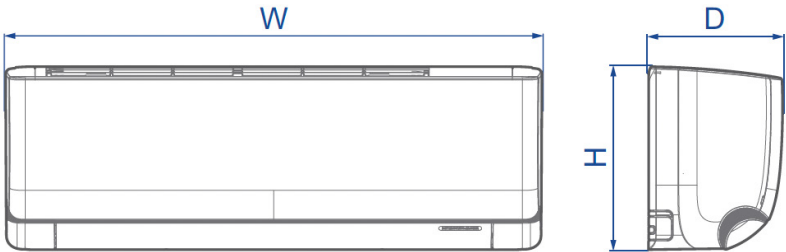
SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY			
Outdoor Model			VEN12HPJ1320A		Inverter Type		G20	
Indoor Model			VEN12HPJ1321A		Ultra Low Frequency Torque Control		Yes	
SYSTEM PERFORMANCE					Power Factor Correction			Yes
Cooling Capacity	Min - Max		Btu/h	2,388 - 12,710		Basepan With Electric Heater		Yes
	Rated Capacity @95°F		Btu/h	12,000		Compressor With Electric Heater		Yes
Heating Capacity	Min - Max		Btu/h	2,217 - 13,477		Outdoor Fin Coating (Color:Blue)		Acrylic-Resin/Anti-Corrosive
	Rated Capacity @47°F		Btu/h	12,000		Intelligent Defrosting		Yes
	Rated Capacity @17°F		Btu/h	9,700		Force Defrosting		Yes
	Rated Capacity @5°F		Btu/h	9,500		Intelligent Preheating		Yes
SEER2			16.0		Low Voltage Startup			Yes
EER2			8.55		Memory/Power Failure Recovery			Yes
HSPF2			8.0		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			VEN12HPJ1321A		Indoor Unit Display			Yes
Air flow (Min - Max)		CFM	159 - 365		Auxiliary Electrical Heater			No
Sound Pressure Level (Min - Max)		dB(A)	22 - 42		Ventilation (Outdoor Air)			No
Dehumidification		pt/hr	2.96		REMOTE CONTROLLER FUNCTIONS			
External Dimensions (W x H x D)		in	32-51/64 x 10-15/64 x 7-9/16		Auto Mode			Yes
Package Dimension (L x W x H)		in	34-23/32 x 13-5/64 x 10-7/16		Auto Fan			Yes
Net Weight		lbs	17.6		Auto Swing (Horizontal Auto Swing)			No
Gross Weight		lbs	20.9		Auto Swing (Vertical Auto Swing)			Yes
OUTDOOR UNIT			VEN12HPJ1320A <td colspan="3">Clock on Remote Controller</td> <td>Yes</td>		Clock on Remote Controller			Yes
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER		Dry Mode			Yes
Sound Pressure Level		dB(A)	52		Dry Anti-Mildew (X-Fan) Mode			Yes
External Dimensions (W x H x D)		in	28-13/16 x 21-27/32 x 12-63/64		Energy Saving Mode			Yes
Package Dimension (L x W x H)		in	31-17/64 x 14-51/64 x 24-7/32		Dirty Filter Alert			No
Net Weight		lbs	56.2		I Feel Function			No
Gross Weight		lbs	61.7		Lock on Remote Controller			Yes
REFRIGERANT PIPING					Quiet Mode			Yes
Refrigerant Charge - R32		oz	22.9		Room Temperature Display			Yes
Additional Charge		oz/ft	0.2		Sleep Mode			Yes
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8		Timer Mode			Yes
Pre-Charge Length		ft	25		Turbo Mode			Yes
Pipe Length (Min - Max)		ft	10 - 66		Display On/Off Control			Yes
Max. Pipe Elevation		ft	39		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	7					
Rated Current - Heating		A	8					
MOCP		A	15					
MCA		A	12					
Main Power Wire Size		AWG	Per Local Code					
Interconnecting Wire Size		AWG	14 / 4					

DIMENSIONS

INDOOR UNIT

Unit: inch

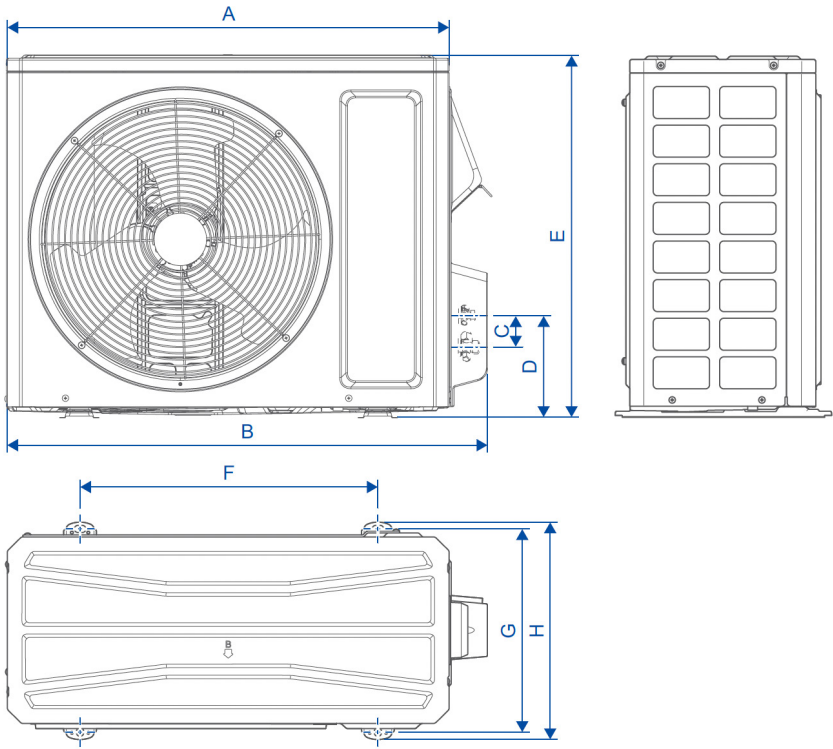
VEN12HPJ1321A	
DIMENSIONS	
W	32 51/64
H	10 15/64
D	7 9/16



OUTDOOR UNIT

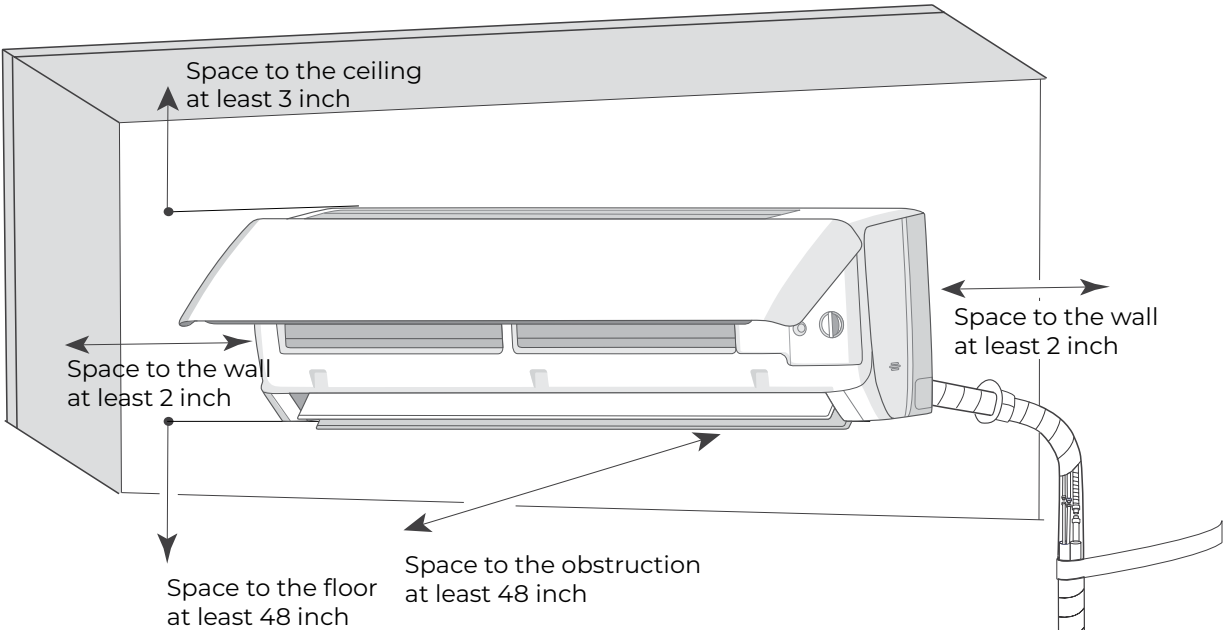
Unit: inch

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

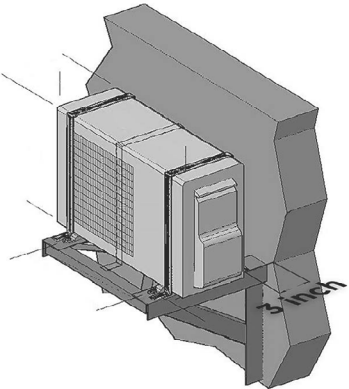


CLEARANCES

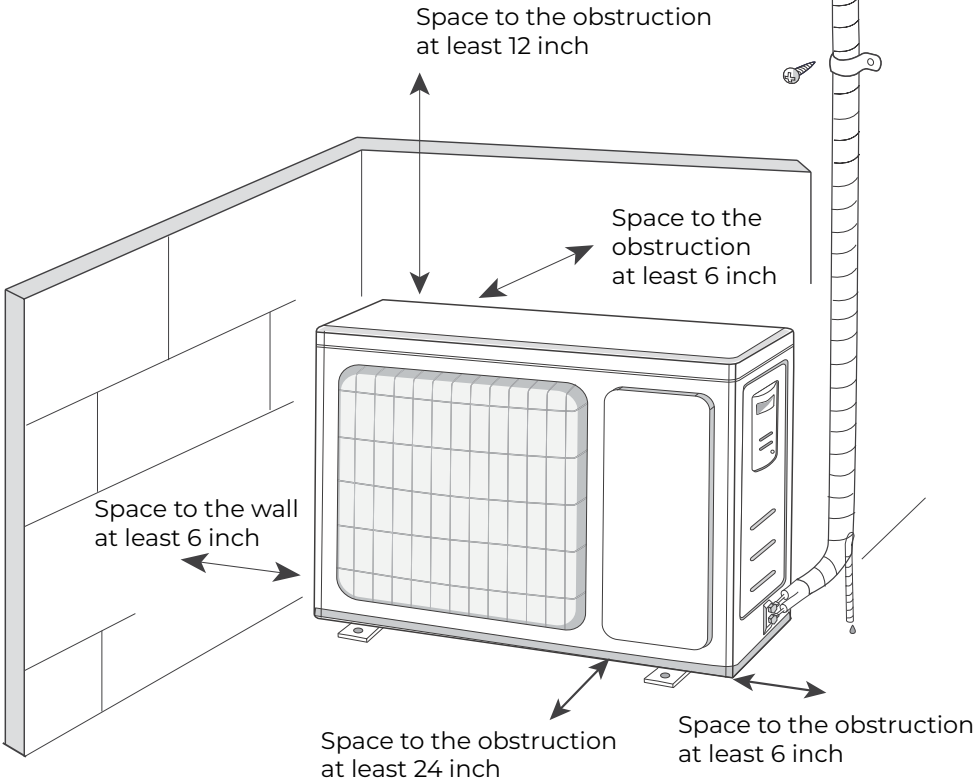
INDOOR UNIT
Minimum
clearance



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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