

SUBMITTAL DATA

VIR09HP230V1R32AH / VIR09HP230V1R32AO
9000 BTU/H Wall Mounted Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	

			
YBE1FBF	VIR09HP230V1R32AH	VIR09HP230V1R32AO	XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [214779340](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Wireless Remote with LCD Display
- Wired Controller Options
- New R32 Refrigerant
- Composite Drain Pan
- Wi-Fi Included (Factory Installed)
- Low Ambient Cooling down to -20°F (Range -20°F to 122°F)
- Low Ambient Heating down to -22°F (Range -22°F to 86°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

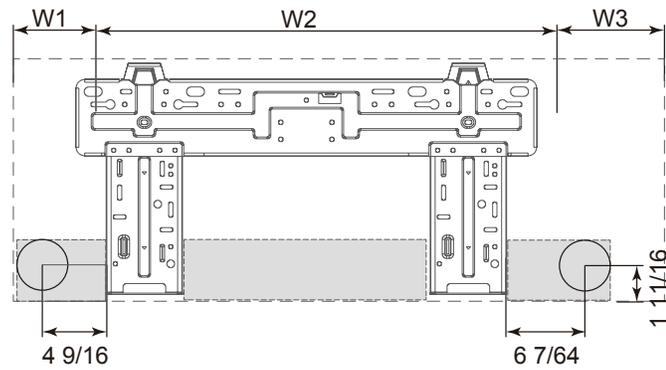
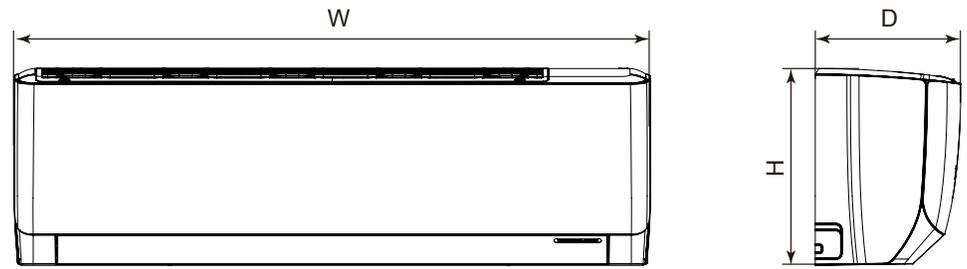
SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			VIR09HP230V1R32AO		Inverter Type	
Indoor Model			VIR09HP230V1R32AH		Ultra Low Frequency Torque Control	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	7,261 - 14,522			
	Capacity @95°F	Btu/h	9,100			
Heating Capacity	Min - Max	Btu/h	6,356 - 15,013			
	Capacity @47°F	Btu/h	10,500			
	Capacity @17°F	Btu/h	8,800			
	Capacity @5°F	Btu/h	9,500			
SEER2			26.0		Memory/Power Failure Recovery	
EER2			15.0		Self Diagnosis	
HSPF2			10.4		Wired Controller Interface	
COP @5°F			1.88		WiFi Included	
Cooling Temperature Range		°F	-20 - 122			
Heating Temperature Range		°F	-22 - 86			
Refrigerant Type			R32		NEW! Easy Service Access	
INDOOR UNIT			VIR09HP230V1R32AH		Indoor Fan Type	
Air flow (Min - Max)		CFM	194 - 353			
Sound Pressure Level (Min - Max)		dB(A)	20 - 41			
Dehumidification		pt/hr	1.69			
External Dimensions (W x H x D)		in	32-31/64 x 11-17/32 x 7-23/32			
Package Dimension (W x H x D)		in	34-29/64 x 14-3/8 x 10-35/64			
Net Weight		lbs	20.9			
Gross Weight		lbs	25.4			
OUTDOOR UNIT			VIR09HP230V1R32AO		Multi Fan Speeds	
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	52			
External Dimensions (W x H x D)		in	31-37/64 x 21-27/32 x 13-25/32			
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64			
Net Weight		lbs	70.6			
Gross Weight		lbs	76.1			
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	30			
Additional Charge		oz/ft	0.2			
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8			
Pre-Charge Length		ft	25			
Pipe Length (Min - Max)		ft	10 - 66			
Max. Pipe Elevation		ft	40			
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)		VAC	187 - 253			
Rated Current - Cooling		A	4.73			
Rated Current - Heating		A	6			
MCA		A	10			
MOCP		A	15			
Suggested Breaker Size		A	10			
Main Power Wire Size		AWG	Per Local Code			
Interconnecting Wire Size		AWG	14 / 4			
					Indoor Unit Display	
					Auxiliary Electrical Heater	
					Ventilation (Outdoor Air)	
REMOTE CONTROLLER FUNCTIONS						
					NEW! Auto Clean	
					Auto Mode	
					Auto Fan	
					Auto Swing (Horizontal Auto Swing)	
					Auto Swing - 180° (Vertical Auto Swing)	
					Clock	
					Dry Mode	
					Dry Anti-Mildew (X-Fan) Mode	
					Energy Saving Mode	
					Dirty Filter Alert	
					Fan Speed Control	
					I Feel Function	
					Privacy Lock	
					Quiet Mode	
					Room Temperature Display	
					Sleep Mode	
					3 Sleep Mode Options	
					Timer Mode	
					Turbo Mode	
					Display On/Off Control	
					Freeze Guard Mode	
					Power Failure Mode	
					Humidity Control	

DIMENSIONS

INDOOR UNIT

Unit: inch

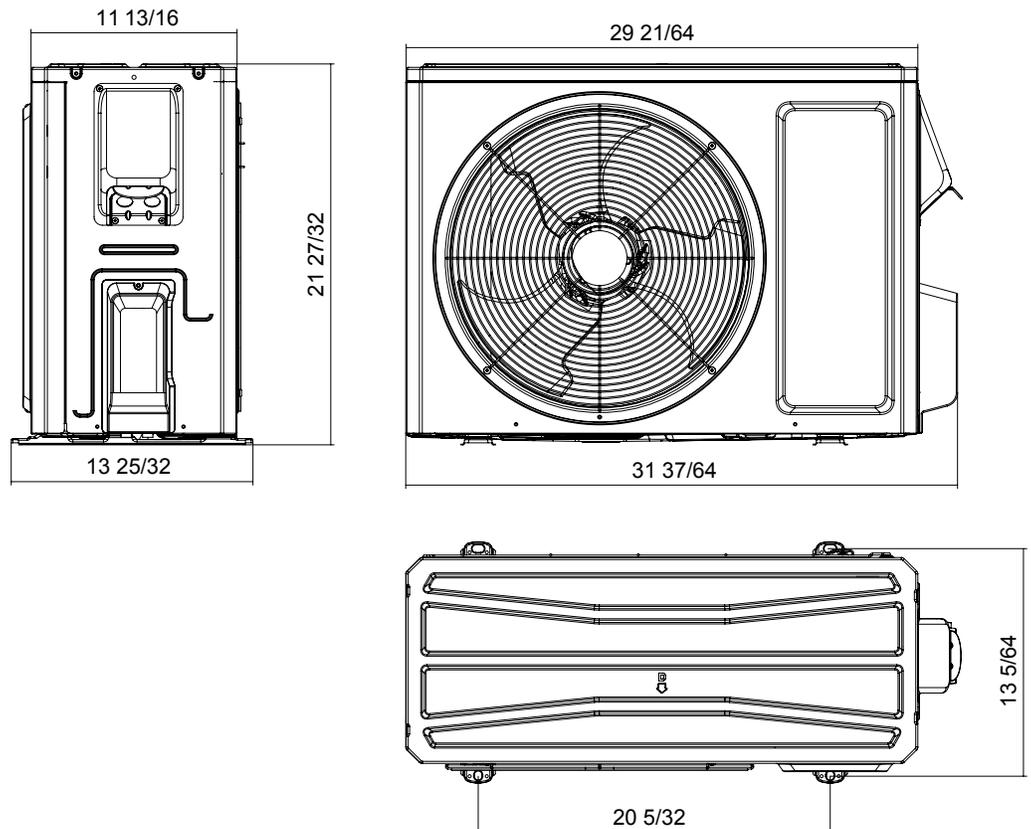
VIR09HP230V1R32AH	
DIMENSIONS	
W	32 31/64
H	11 17/32
D	7 23/32
W1	4 29/64
W2	21 11/32
W3	6 11/16



OUTDOOR UNIT

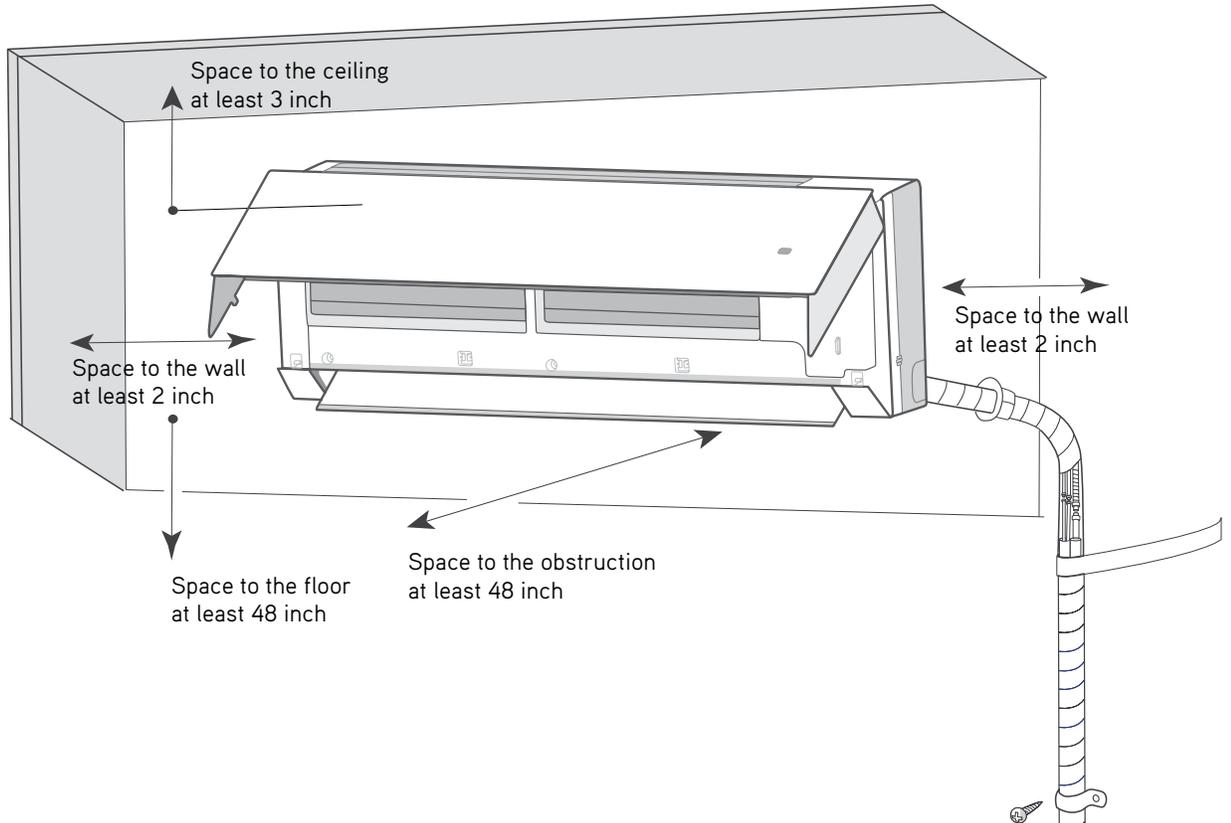
Unit: inch

VIR09HP230V1R32AO

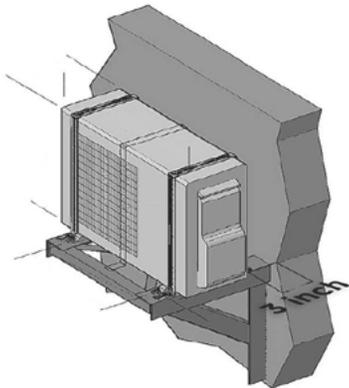


CLEARANCES

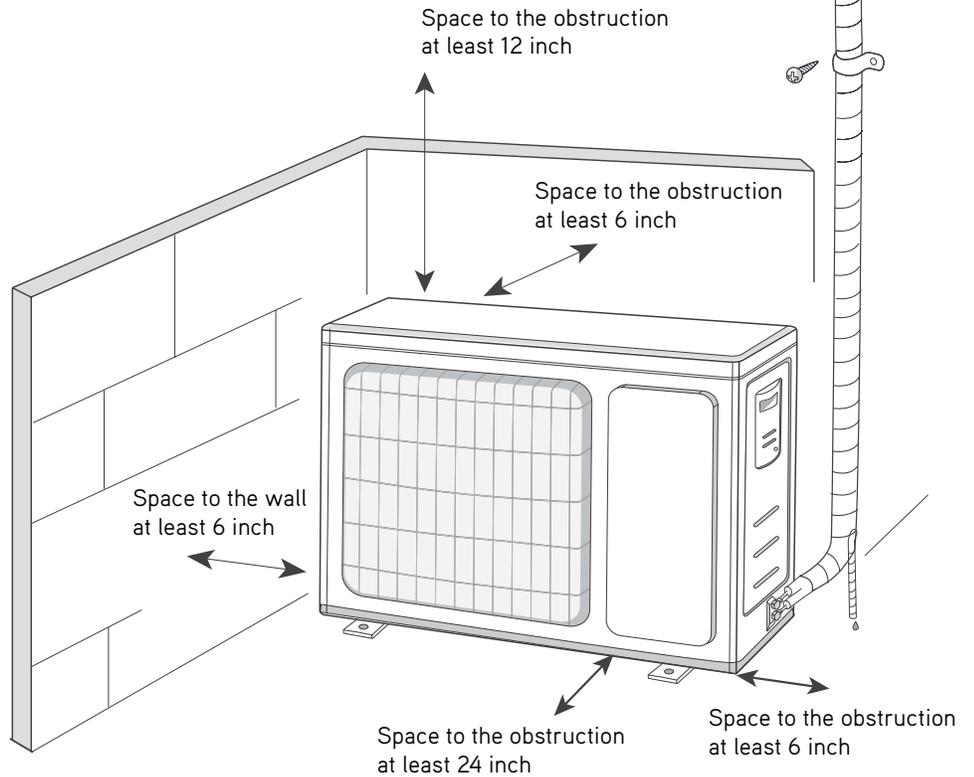
INDOOR UNIT Minimum clearance



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.



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.