

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)
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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

SPECIFICATIONS	VIR09HP230V1R32AH / VIR09HP230V1R32AO		
System Type	HEAT PUMP		
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	2,730 - 12,966
	Capacity @95°F	Btu/h	9,100
Heating	Min - Max	Btu/h	2,388 - 15,013
	Capacity @47°F	Btu/h	10,500
	Capacity @17°F	Btu/h	
	Capacity Max @5°F	Btu/h	
SEER2			26.0
EER2			15.0
HSPF2			10.4
COP @5°F			
COP @47°F			3.9
Cooling Temperature Range		°F	-20 - 122
Heating Temperature Range		°F	-22 - 86
Refrigerant Type			R32
INDOOR UNIT		VIR09HP230V1R32AH	
Air flow (Min - Max)		CFM	159 - 353
Sound Pressure Level (Min - Max)		dB(A)	25 - 40
Dehumidification		pt/hr	1.69
External Dimensions (W x H x D)		in	32-1/2 x 11-9/16 x 7-3/4
Package Dimension (W x H x D)		in	34-7/16 x 14-3/8 x 10-9/16
Net Weight		lbs	20.9
Gross Weight		lbs	25.4
OUTDOOR UNIT		VIR09HP230V1R32AO	
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		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

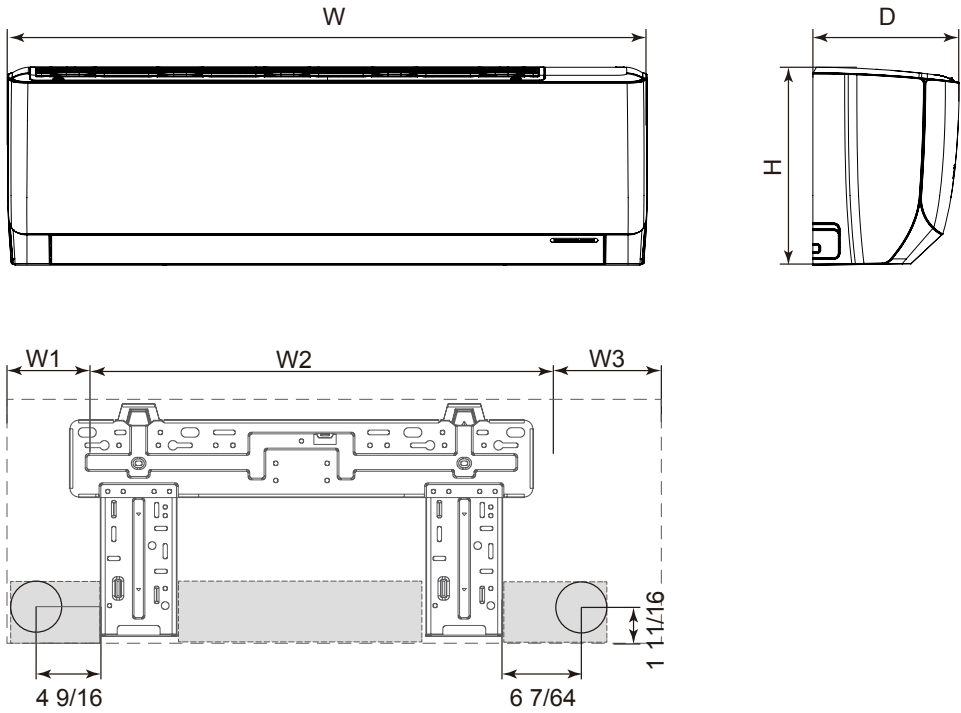
FEATURES & FUNCTIONS SUMMARY	VIR09HP230V1R32AH / VIR09HP230V1R32AO	
SYSTEM FEATURES		
Inverter Type	G10	
Ultra Low Frequency Torque Control	Yes	
Power Factor Correction	Yes	
Compressor Type - Inverter	High Efficiency Rotary	
Basepan With Electric Heater	Yes	
Indoor & Outdoor Fin Coating (Blue Fin)	Yes	
Intelligent Defrosting	Yes	
Intelligent Preheating	Yes	
Low Voltage Startup	Yes	
Memory/Power Failure Recovery	Yes	
Self Diagnosis	Yes	
Wired Controller Interface	Yes	
WiFi Included	Yes	
NEW! Easy Service Access	Yes	
Indoor Fan Type	Crossflow	
Multi Fan Speeds	7 Speeds	
Indoor Unit Display	Yes	
Auxiliary Electrical Heater	No	
Ventilation (Outdoor Air)	No	
REMOTE CONTROLLER FUNCTIONS		
NEW! Auto Clean	Yes	
Auto Mode	Yes	
Auto Fan	Yes	
Auto Swing (Horizontal Auto Swing)	Yes	
Auto Swing - 180° (Vertical Auto Swing)	Yes	
Clock	Yes	
Dry Mode	Yes	
Dry Anti-Mildew (X-Fan) Mode	Yes	
Energy Saving Mode	Yes	
Dirty Filter Alert	No	
Fan Speed Control (7 Speeds)	Yes	
I Feel Function	Yes	
Privacy Lock	Yes	
Quiet Mode	Yes	
Room Temperature Display	No	
Sleep Mode	Yes	
3 Sleep Mode Options	Yes	
Timer Mode	Yes	
Turbo Mode	Yes	
Display On/Off Control	Yes	
Freeze Guard Mode	Yes	
Power Failure Mode	Yes	
Humidity Control	Yes	

DIMENSIONS

INDOOR UNIT

Unit: inch

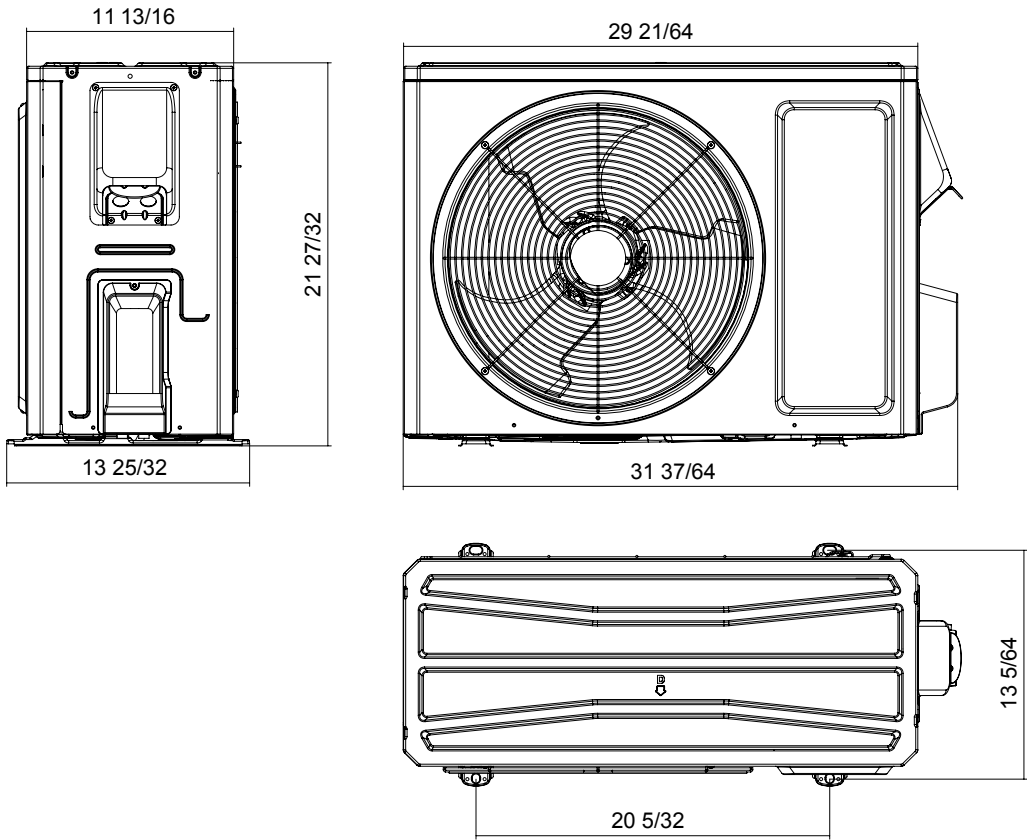
VIR09HP230V1R32AH	
DIMENSIONS	
W	32 31/64
H	11 17/32
D	7 23/32
W1	4 29/64
W2	21 11/32
W3	6 11/16



OUTDOOR UNIT

Unit: inch

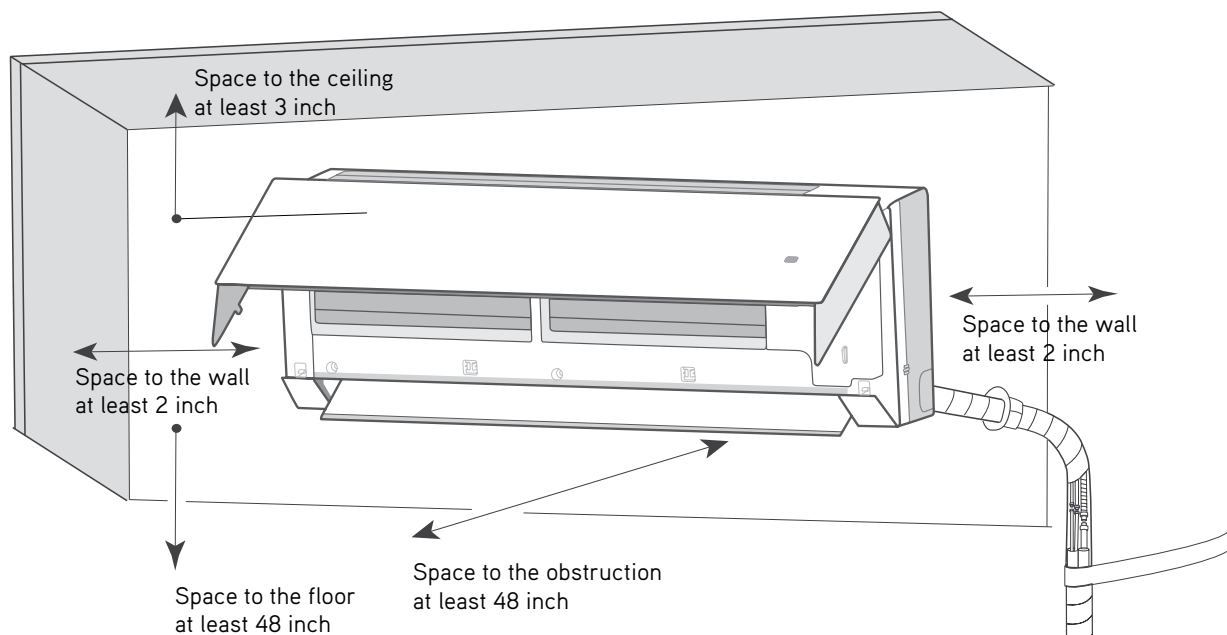
VIR09HP230V1R32AO	
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CLEARANCES

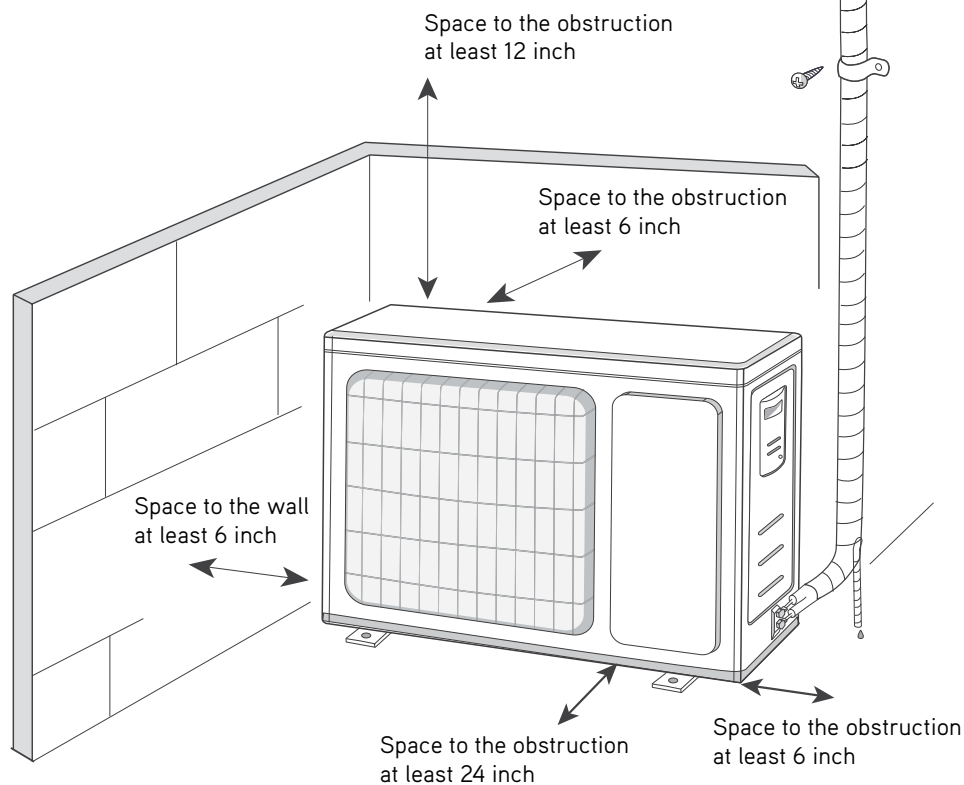
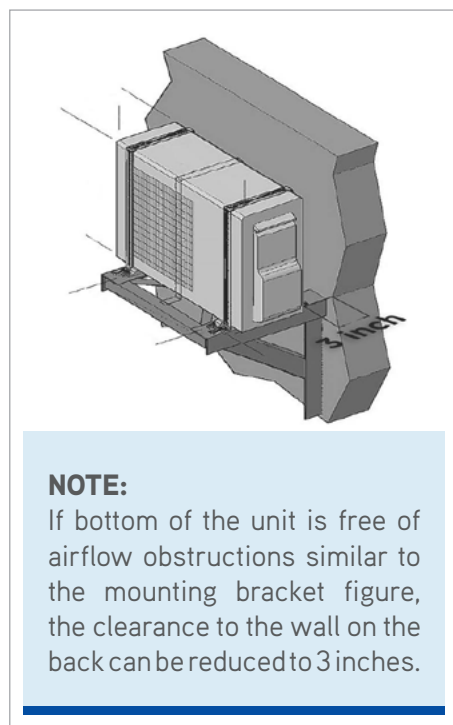
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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