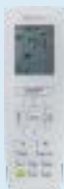


SUBMITTAL DATA

3VIR09HP230V1AH / 3VIR09HP230V1BO
9000 BTU/H Wall Mounted Heat Pump System

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

			
YAP1F7F	3VIR09HP230V1AH	3VIR09HP230V1BO	XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [210278967](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Wireless Remote with LCD Display
- Wired Controller Options
- 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		3VIR09HP230V1AH / 3VIR09HP230V1BO	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	1535 - 10747
	Capacity @95°F	Btu/h	9100
Heating	Min - Max	Btu/h	3412 - 14672
	Capacity @5°F	Btu/h	9100
	Capacity @17°F	Btu/h	7000
	Capacity @47°F	W	10500
SEER2		25.5	
EER2		14.7	
HSPF2		10.2	
COP @5°F		1.9	
COP @47°F		3.9	
Cooling Temperature Range		°F	-20 - 122
Heating Temperature Range		°F	-22 - 86
Refrigerant Type		R410A	
INDOOR UNIT		3VIR09HP230V1AH	
Air flow (Min-Max)		CFM	159 - 353
Sound Pressure Level (Min - Max)		dB(A)	25 - 40
Dehumidification		pt/hr	1.69
External Dimensions (WxHxD)		in	32-1/2 × 11-9/16 × 7-3/4
Package Dimension (W x H x D)		in	34-7/16 × 14-3/8 × 10-9/16
Net Weight		lbs	20.9
Gross Weight		lbs	25.4
OUTDOOR UNIT		3VIR09HP230V1BO	
Compressor Type		GREE G-10 / 2 - STAGE INVERTER	
Sound Pressure Level		dB(A)	52
External Dimensions (WxHxD)		in	31-5/8 × 21-7/8 × 13-13/16
Package Dimension (W x H x D)		in	34-3/8 × 24-7/16 × 15-11/16
Net Weight		lbs	70.6
Gross Weight		lbs	76.1
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	35.3
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 - 49
Max. Pipe Elevation		ft	33
ELECTRICAL			
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	4.7
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

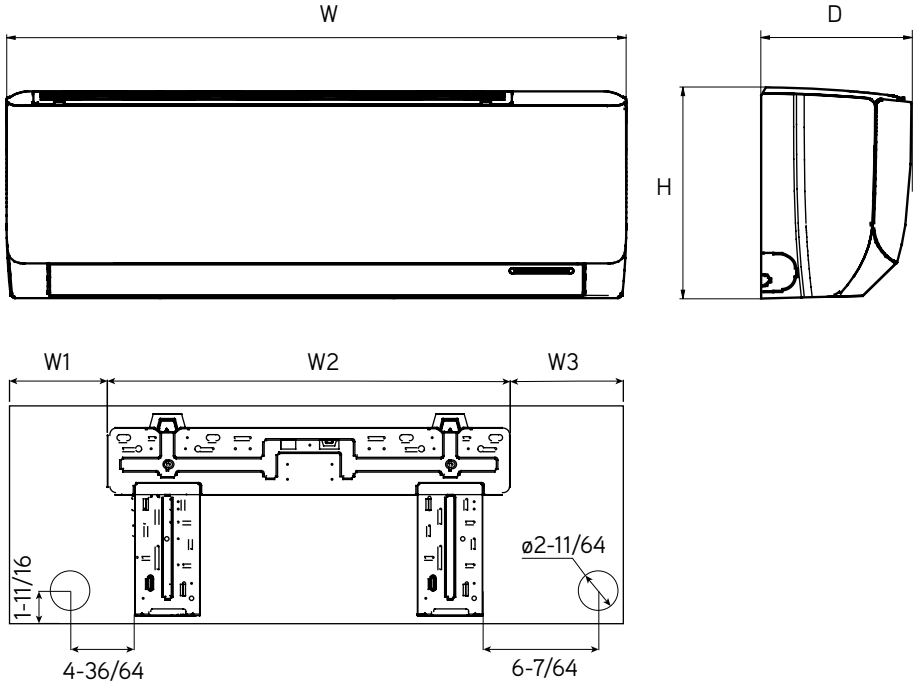
FEATURES & FUNCTIONS SUMMARY	3VIR09HP230V1AH / 3VIR09HP230V1BO
SYSTEM FEATURES	
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface (XE71 or XK76 optional)	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

DIMENSIONS

INDOOR UNIT

Unit: inch

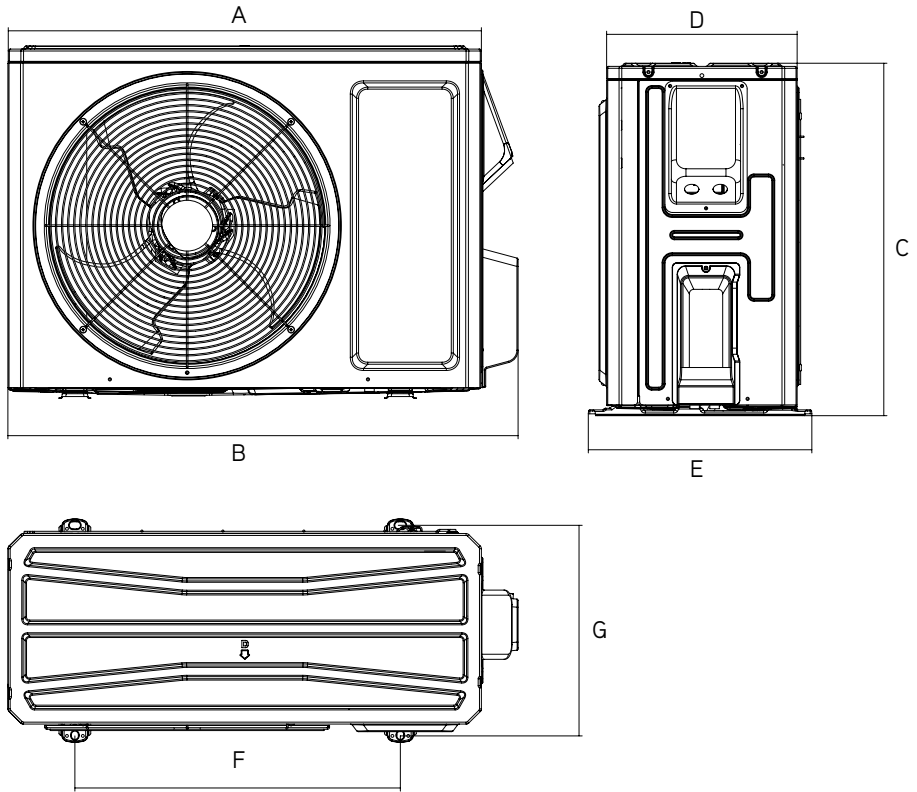
3VIR09HP230V1AH	
DIMENSIONS	
W	32-1/2
H	11-9/16
D	7-3/4
W1	4-29/64
W2	21-11/32
W3	6-11/16



OUTDOOR UNIT

Unit: inch

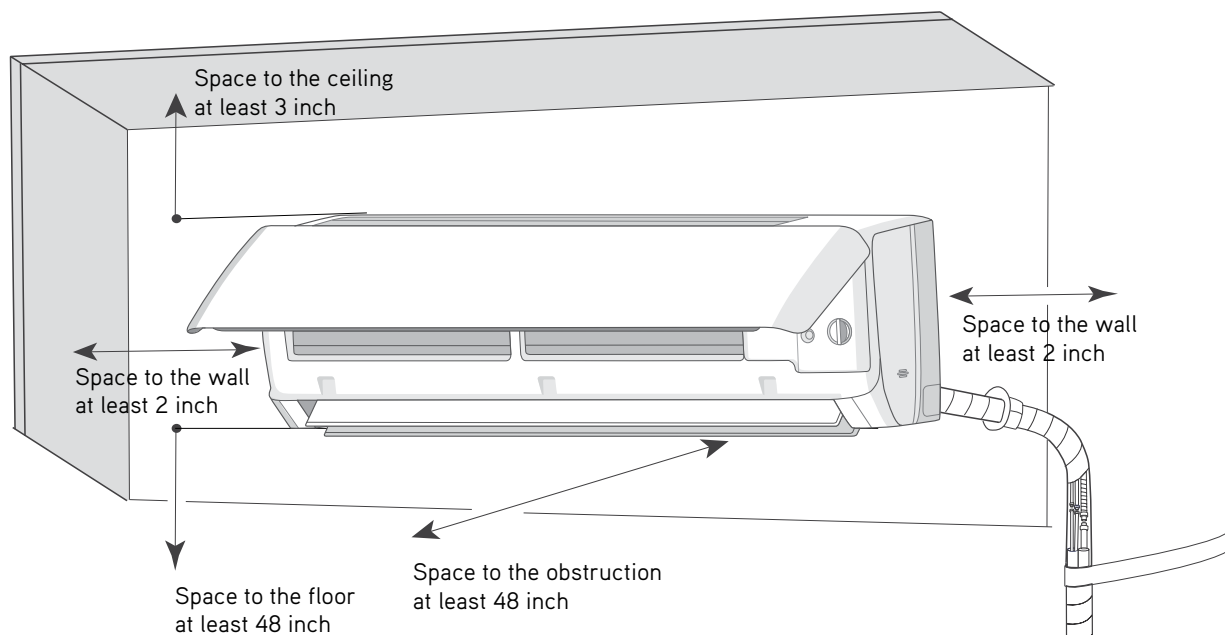
3VIR09HP230V1B0	
DIMENSIONS	
A	29-21/64
B	31-5/8
C	21-7/8
D	11-13/16
E	13-13/16
F	20-5/32
G	13-5/64



CLEARANCES

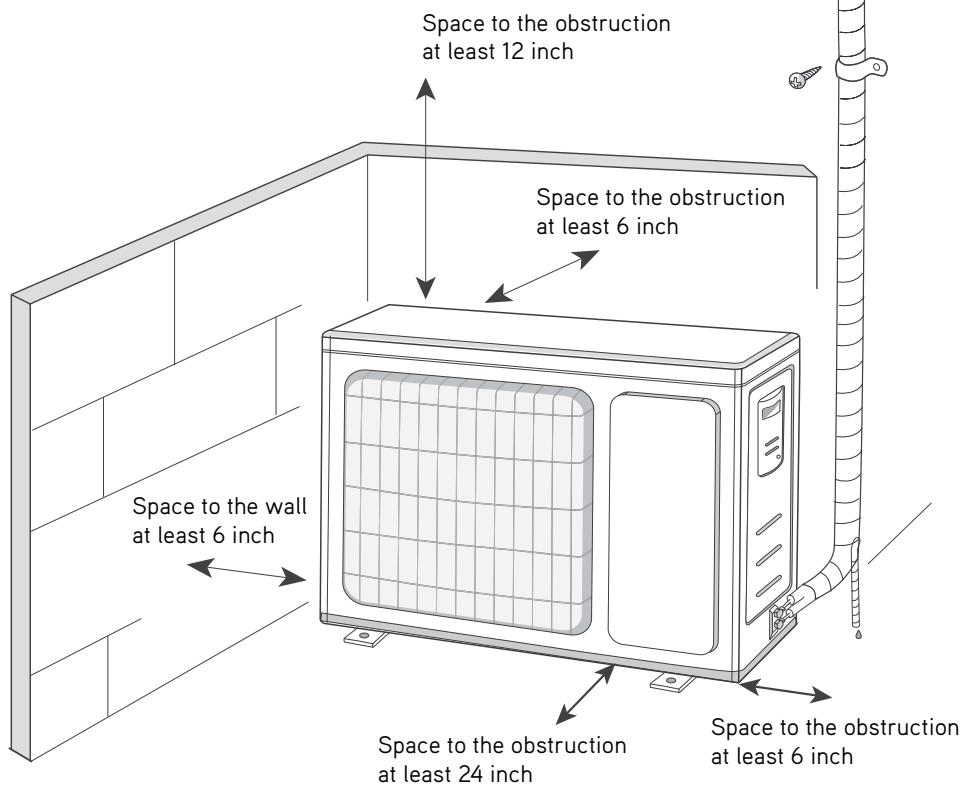
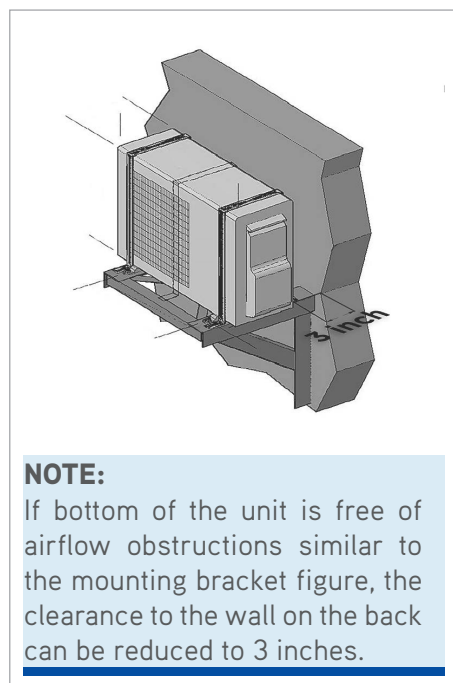
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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