

SUBMITTAL DATA

4LIV09HP115V1AH / 4LIV09HP115V1AO
9000 BTU/H Wall Mounted Heat Pump System

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



YAP1F7F



4LIV09HP115V1AH



4LIV09HP115V1AO



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [210278964](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- Composite Drain Pan
- Wi-Fi Included
- Low Ambient Cooling down to 0°F (Range 0°F to 115°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

SPECIFICATIONS		4LIV09HP115V1AH / 4LIV09HP115V1AO	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	3000 - 11000
	Capacity @95°F	Btu/h	9100
Heating	Min - Max	Btu/h	10000 (2200 - 13000)
	Capacity @5°F	Btu/h	
	Capacity @17°F	Btu/h	6000
	Capacity @47°F	W	10000
SEER2		19.5	
EER2		11.3	
HSPF2		8.6	
COP @5°F			
COP @47°F		3.6	
Cooling Temperature Range		°F	0 - 115
Heating Temperature Range		°F	-13 - 75
Refrigerant Type		R410A	
INDOOR UNIT		4LIV09HP115V1AH	
Air flow (Min-Max)		CFM	159 - 353
Sound Pressure Level (Min - Max)		dB(A)	26 - 41
Dehumidification		pt/hr	1.69
External Dimensions (WxHxD)		in	32-7/8 x 10-7/8 x 7-7/8
Package Dimension (W x H x D)		in	35-1/4 x 13-5/8 x 10-11/16
Net Weight		lbs	19.8
Gross Weight		lbs	24.3
OUTDOOR UNIT		4LIV09HP115V1AO	
Compressor Type		GREE G-10 / 2 - STAGE INVERTER	
Sound Pressure Level		dB(A)	51
External Dimensions (W x H x D)		in	28-13/16 x 21-7/8 x 13
Package Dimension (W x H x D)		in	31-5/16 x 24-3/4 x 14-13/16
Net Weight		lbs	59.5
Gross Weight		lbs	65.0
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	24.4
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	39
ELECTRICAL			
Power Supply		115V / 1Ph /60Hz	
Voltage Range (Min - Max)		VAC	103 - 127
Rated Current - Cooling		A	17.5
Rated Current - Heating		A	18
MCA		A	16
MOCP		A	20
Suggested Breaker Size		A	20
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

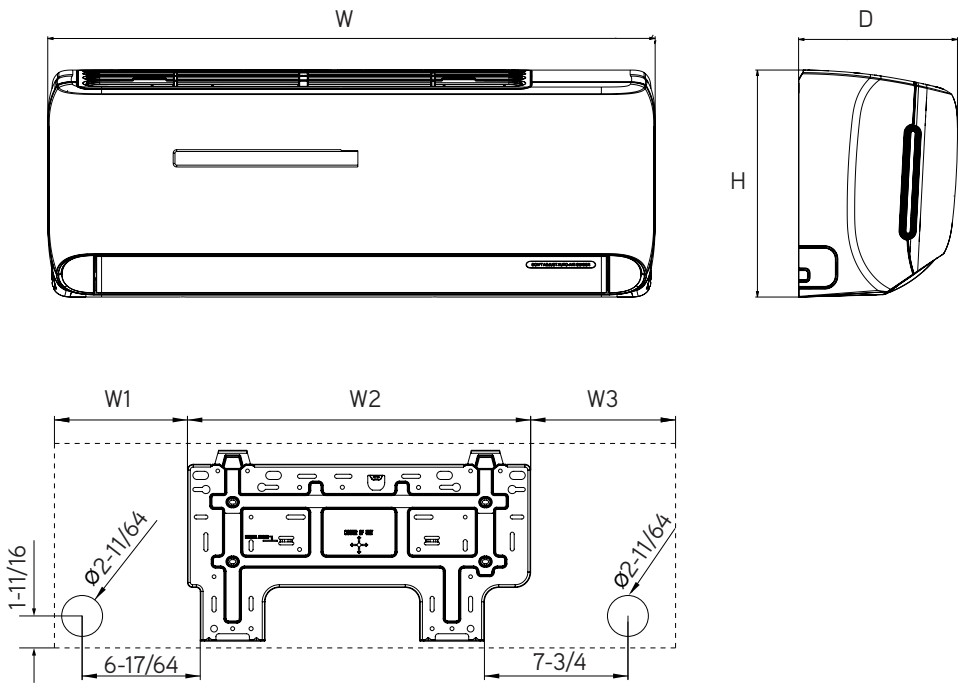
FEATURES & FUNCTIONS SUMMARY	4LIV09HP115V1AH / 4LIV09HP115V1AO	
SYSTEM FEATURES		
Inverter Type	G10	
Ultra Low Frequency Torque Control	Yes	
Power Factor Correction	Yes	
Compressor Type	High Efficiency Rotary	
Refrigerant Type	R410A	
Basepan With Electric Heater	Yes	
Compressor With Electric Heater	Yes	
Outdoor Fin Coating (Color:Blue)	Acrylic-Resin/Anti-Corrosive	
Intelligent Defrosting	Yes	
Force Defrosting	Yes	
Intelligent Preheating	Yes	
Low Voltage Startup	Yes	
Memory/Power Failure Recovery	Yes	
Self Diagnosis	Yes	
Wired Controller Interface (XE71)	Yes	
WiFi Included	Yes	
Indoor Fan Type	Crossflow	
Multi Fan Speeds	4 Speeds	
Indoor Unit Display	Yes	
Auxiliary Electrical Heater	No	
Ventilation (Outdoor Air)	No	
REMOTE CONTROLLER FUNCTIONS		
Auto Mode	Yes	
Auto Fan	Yes	
Manual Horizontal Swing	Yes	
Auto Swing (Vertical Auto Swing)	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	Yes	
Lock on Remote Controller	Yes	
Quiet Mode	No	
Room Temperature Display	Yes	
Sleep Mode	Yes	
Timer Mode	Yes	
Turbo Mode	Yes	
Display On/Off Control	Yes	
Freeze Guard Mode (46°F)	Yes	
Display On/Off Control	Yes	

DIMENSIONS

INDOOR UNIT

Unit: inch

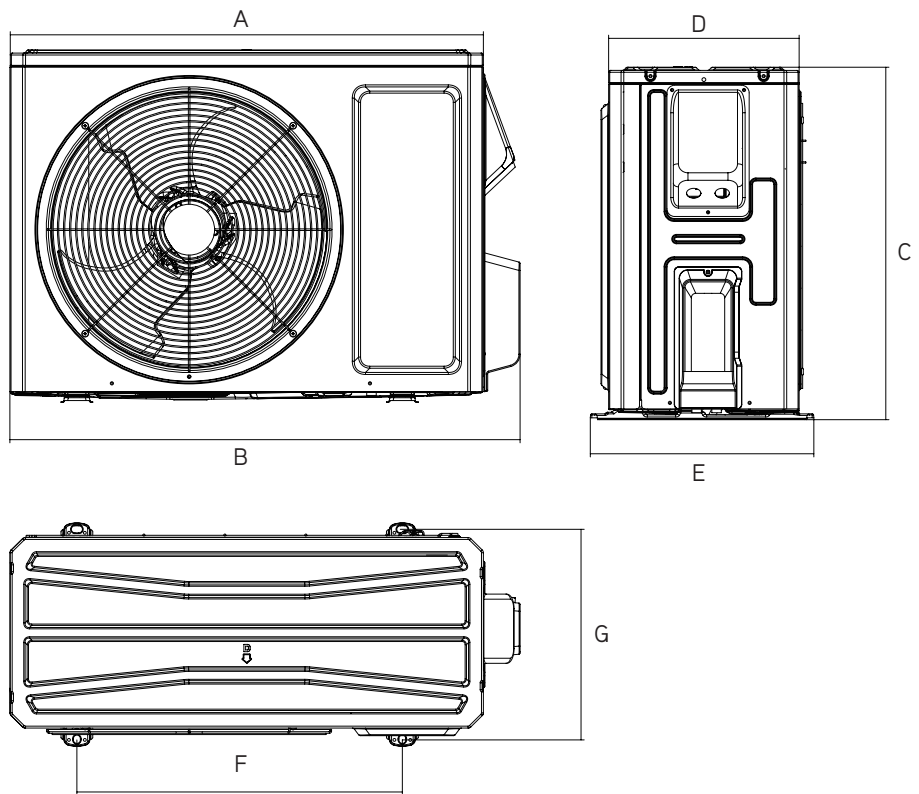
4LIV09HP115V1AH	
DIMENSIONS	
W	32-7/8
H	10-7/8
D	7-7/8
W1	7-3/64
W2	18-5/32
W3	7-11/16



OUTDOOR UNIT

Unit: inch

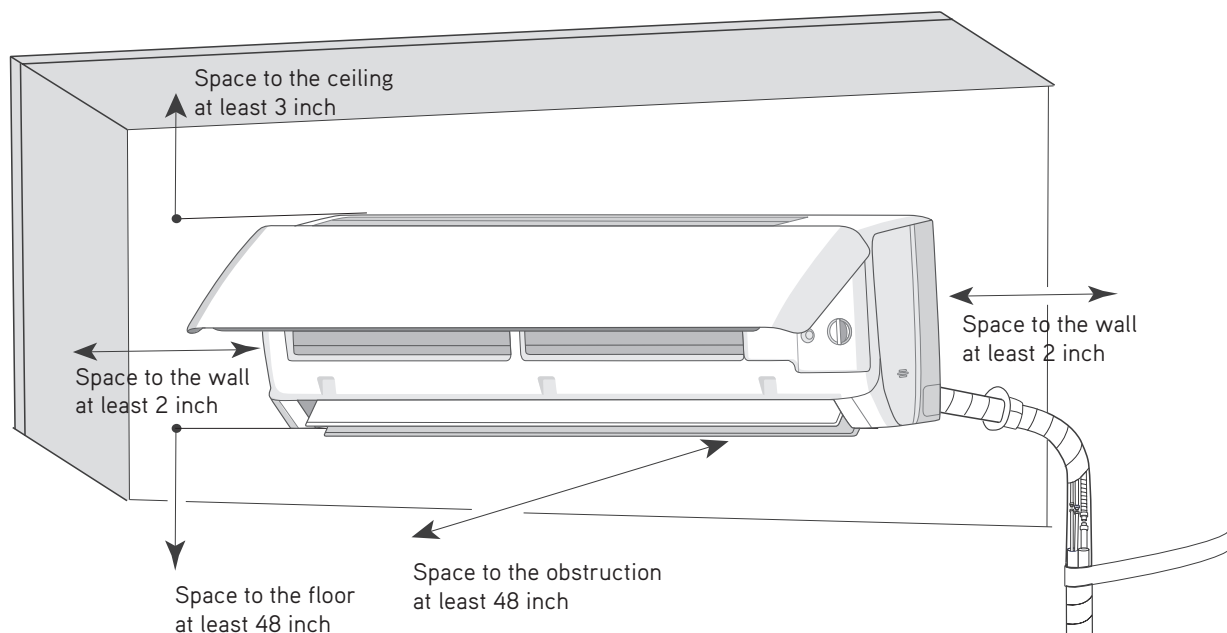
4LIV09HP115V1AO	
DIMENSIONS	
A	26-37/64
B	28-13/16
C	21-7/8
D	11-7/32
E	13
F	17-29/32
G	12-13/64



CLEARANCES

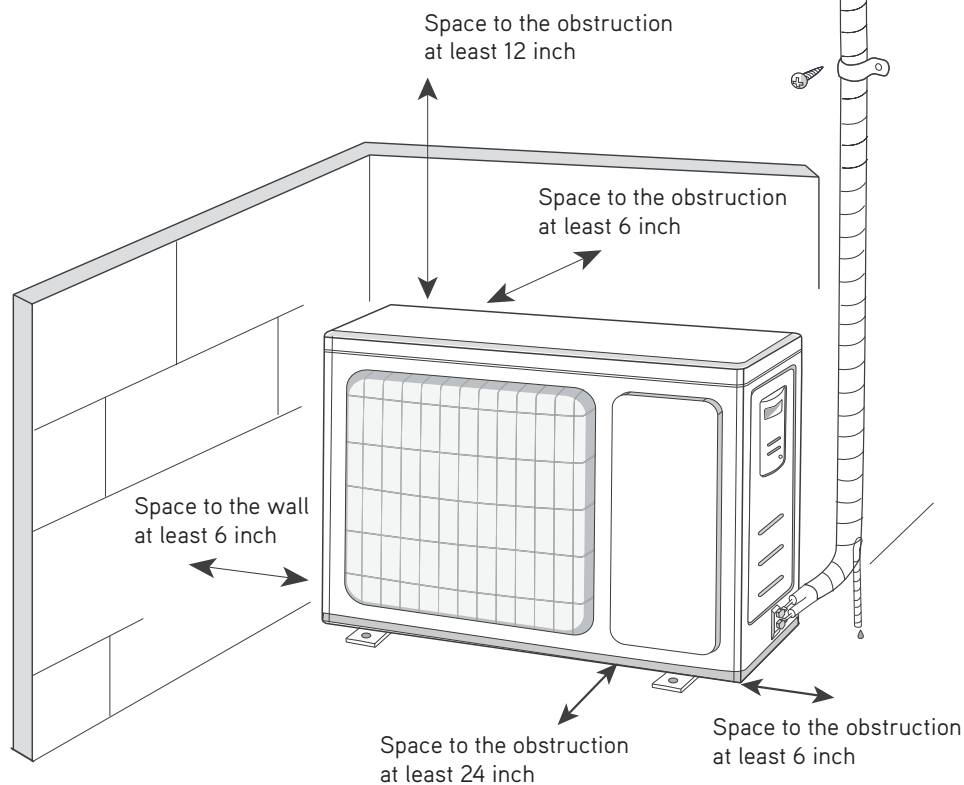
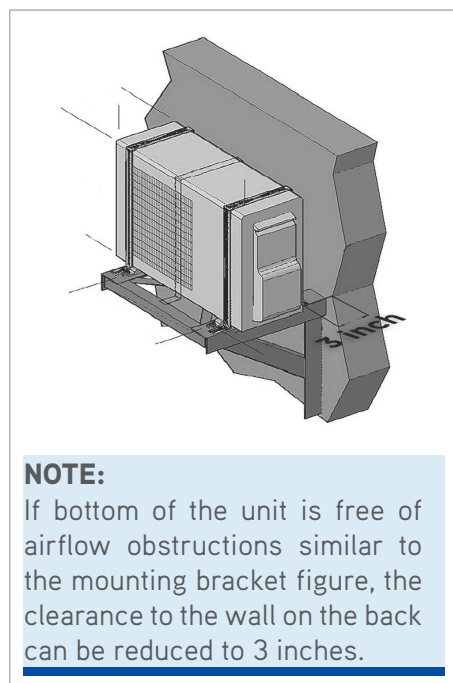
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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