

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS		4LIV12HP230V1AH / 4LIV12HP230V1AO	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	2388 - 13307
	Capacity @95°F	Btu/h	12000
Heating	Min - Max	Btu/h	2388 - 15013
	Capacity @5°F	Btu/h	
	Capacity @17°F	Btu/h	6800
	Capacity @47°F	W	12000
SEER2			17.5
EER2			8.7
HSPF2			8.5
COP @5°F			
COP @47°F			3.5
Cooling Temperature Range		°F	0 - 115
Heating Temperature Range		°F	-13 - 75
Refrigerant Type			R410A
INDOOR UNIT		4LIV12HP230V1AH	
Air flow (Min-Max)		CFM	182 - 424
Sound Pressure Level (Min - Max)		dB(A)	27 - 47
Dehumidification		pt/hr	2.96
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		4LIV12HP230V1AO	
Compressor Type		GREE G-10 / 2 - STAGE INVERTER	
Sound Pressure Level		dB(A)	52
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	57.3
Gross Weight		lbs	62.8
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	27.5
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 - 230 / 1PH /60Hz	
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	6.7
Rated Current - Heating		A	7.4
MCA		A	11
MOCP		A	15
Suggested Breaker Size		A	15
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

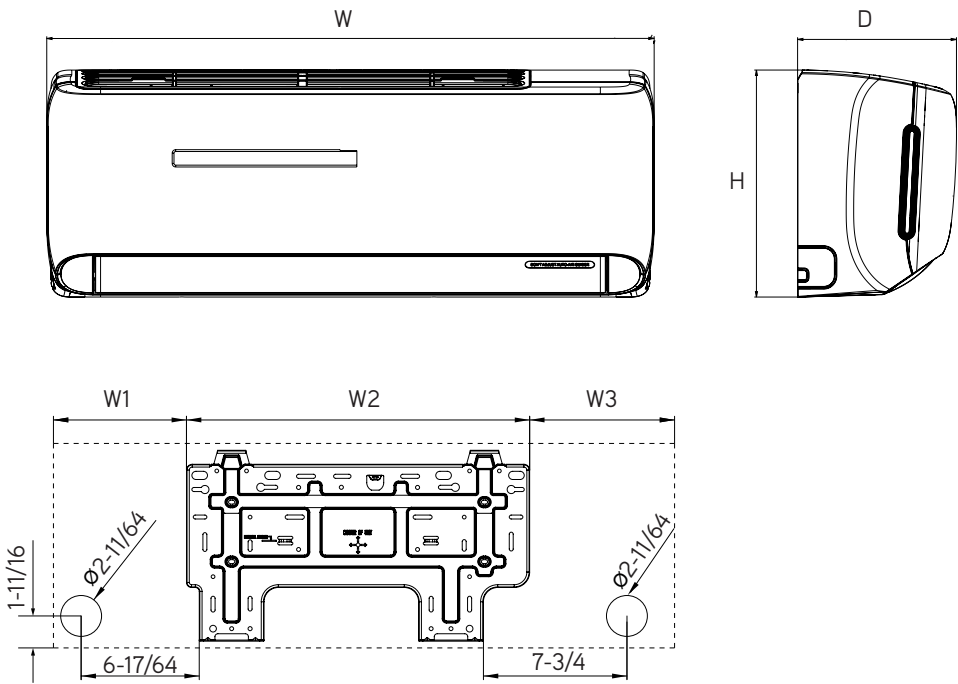
FEATURES & FUNCTIONS SUMMARY	4LIV12HP230V1AH / 4LIV12HP230V1AO
SYSTEM FEATURES	
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type	High Efficiency Rotary
Refrigerant Type	R410A
Basepan With Electric Heater	Yes
Compressor With Electric Heater	Yes
Outdoor 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

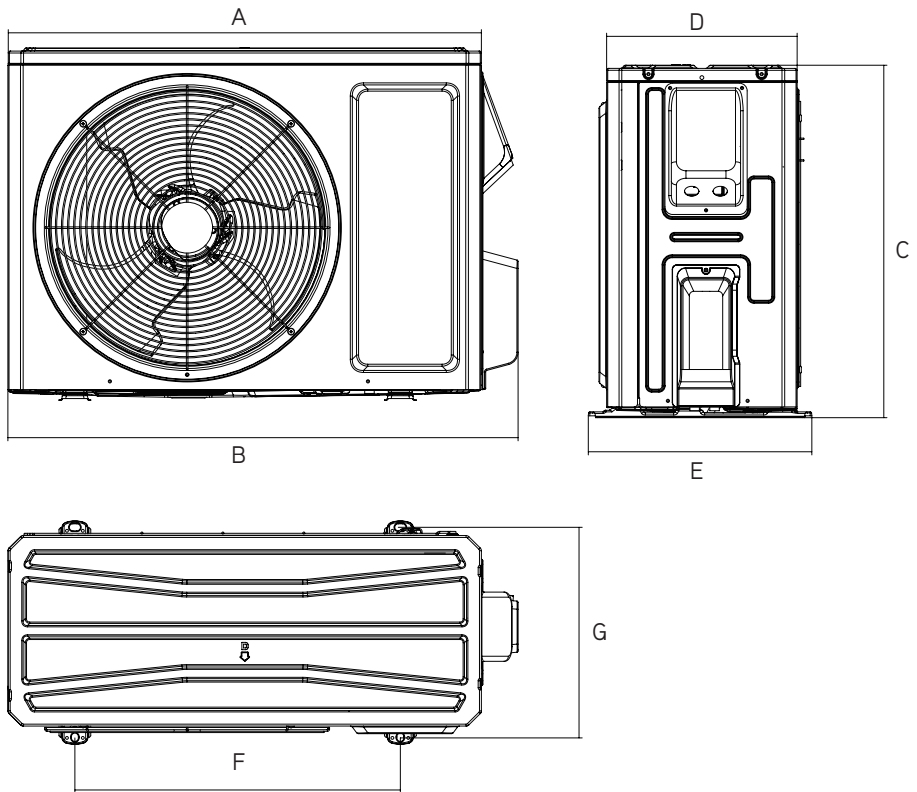
4LIV12HP230V1AH	
DIMENSIONS	
W	32-7/8
H	10-7/8
D	7-7/8
W1	7-3/64
W2	18-5/32
W3	7-11/16



OUTDOOR UNIT

Unit: inch

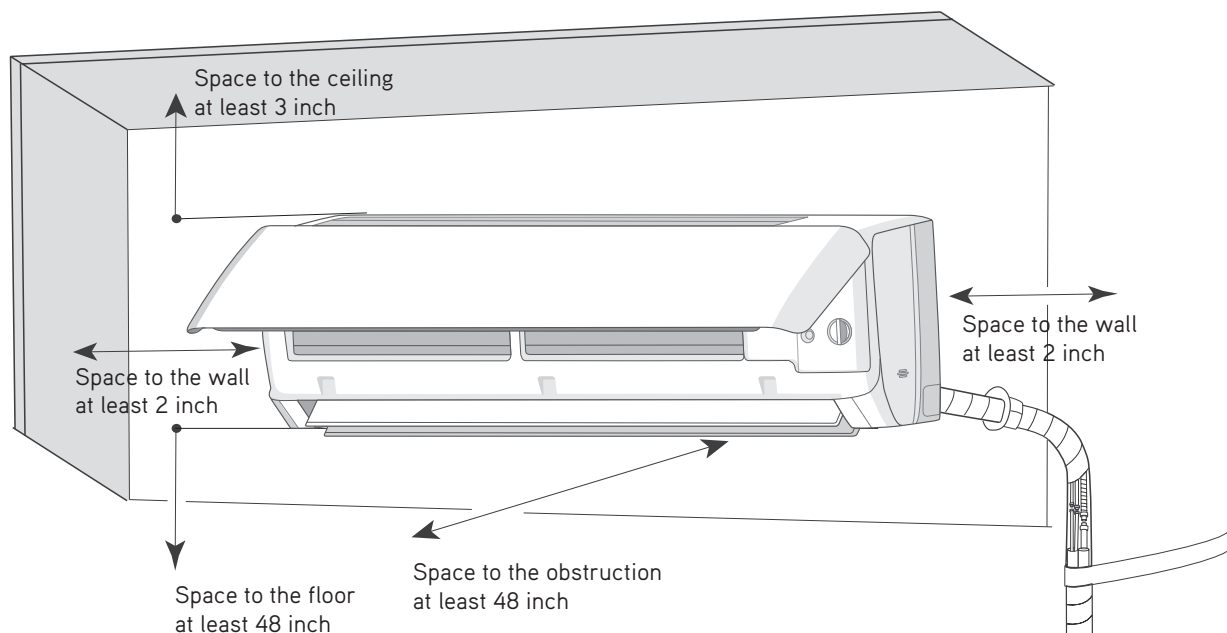
4LIV12HP230V1AO	
DIMENSIONS	
A	26-37/64
B	28-13/16
C	21-7/8
D	11-7/32
E	13
F	17-29/32
G	12-13/64



CLEARANCES

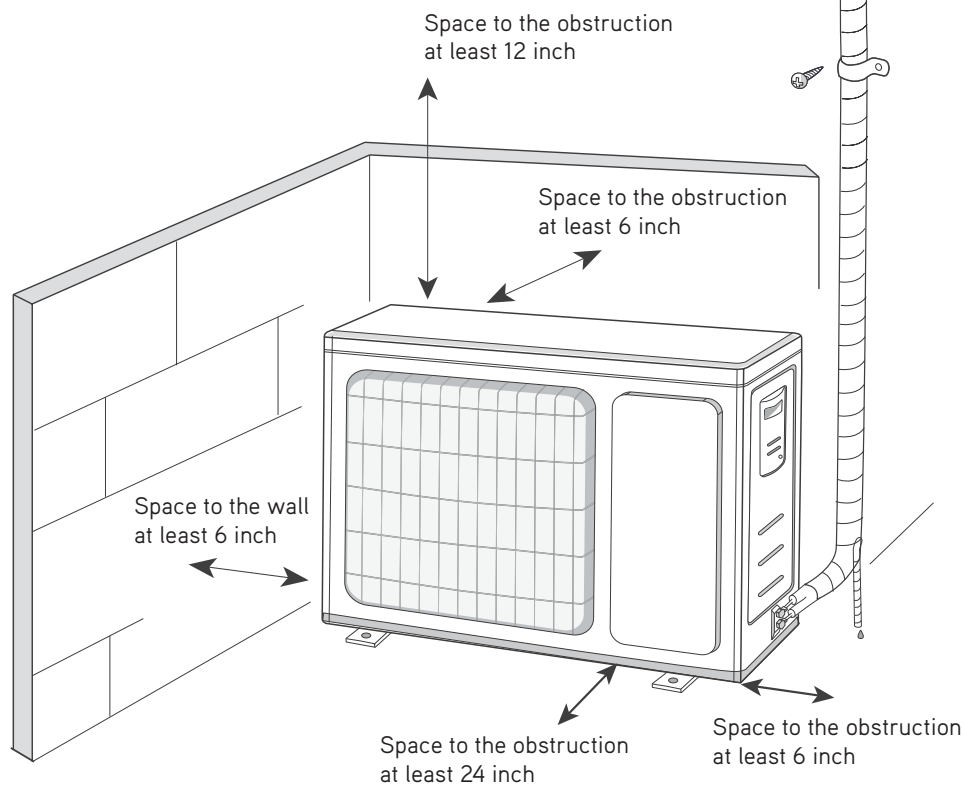
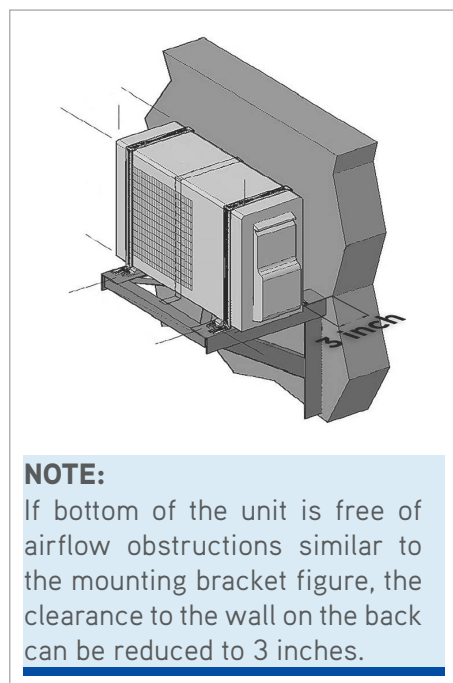
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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