
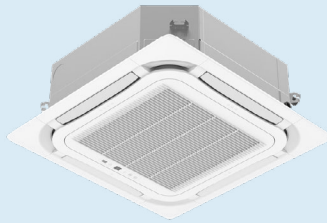



SUBMITTAL DATA

CAS30HP230V1R32AH
30000 BTU/H Cassette Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	
		
YBE1FB5F	CAS30HP230V1R32AH	XE72-44/E

GENERAL FEATURES

- AHRI Certificate: [215413820 \(Livo R32 30Btu/h\)](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- 4 - Way Discharge Air
- Swing Louver Control
- Internal Condensate Drain Pump
- Wireless Remote with LCD Display Included
- XE72-44/E Wired Controller Included
- Low Ambient Cooling and Heating
- (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- New R32 Refrigerant with Refrigerant Sensor

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY	
Indoor Model			CAS30HP230V1R32AH		Inverter Type	
Outdoor Model			LIV30HP230V1R32AO		G20	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	4,780 - 33,440		Ultra Low Frequency Torque Control	
	Rated Capacity @95°F	Btu/h	30,000		Yes	
Heating Capacity	Min - Max	Btu/h	5,730 - 35,140		Power Factor Correction	
	Rated Capacity @47°F	Btu/h	30,000		Yes	
	Rated Capacity @17°F	Btu/h	24,000		Compressor Type - Inverter	
	Rated Capacity @5°F	Btu/h	21,000		High Efficiency Rotary	
SEER2			22.50		Basepan With Electric Heater	
EER2			11.25		Yes	
HSPF2			8.5		Indoor & Outdoor Fin Coating (Blue Fin)	
COP @5°F			1.80		Yes	
Cooling Temperature Range		°F	-4 - 122		Intelligent Defrosting	
Heating Temperature Range		°F	-13 - 75		Yes	
Refrigerant Type			R32		Intelligent Preheating	
					Yes	
					Low Voltage Startup	
					Yes	
					Memory/Power Failure Recovery	
					Yes	
					Self Diagnosis	
					Yes	
					Wired Controller Interface	
					Yes	
					WiFi Included	
					No	
					Indoor Fan Type	
					Centrifugal	
					Multi Fan Speeds	
					7 Speeds	
					Indoor Unit Display	
					Yes	
					Auxiliary Electrical Heater	
					No	
					Ventilation (Outdoor Air)	
					No	
INDOOR UNIT			CAS30HP230V1R32AH		REMOTE CONTROLLER FUNCTIONS	
Air flow (Min-Max)			CFM		Auto Mode	
			647 - 1000		Yes	
Sound Pressure Level (Min - Max)			dB(A)		Auto Fan	
			38 - 51		Yes	
Dehumidification			pt/hr		Auto Swing (Horizontal Auto Swing)	
			7.40		No	
External Dimensions (L x D x H)			in		Auto Swing - 180° (Vertical Auto Swing)	
			33-5/64 x 33-5/64 x 9-29/64		Yes	
Package Dimension (L x W x H)			in		Clock	
			36-47/64 x 35-35/64 x 10-45/64		Yes	
Net Weight			lbs		Dry Mode	
			49.6		Yes	
Gross Weight			lbs		Dry Anti-Mildew (X-Fan) Mode	
			62.8		Yes	
CASSETTE GRILLE (REQUIRED)			GREETFO6		Energy Saving Mode	
Grille Dimension (L x D x H)			in		Yes	
			37-13/32 x 37-13/32 x 2-3/64		Dirty Filter Alert	
Package Dimension (L x W x H)			in		No	
			40-43/64 x 40-55/64 x 4-13/32		Fan Speed Control (7 Speeds)	
Weight (Net / Gross)			lbs		Yes	
			13.23 / 20.948		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	
OUTDOOR UNIT			LIV30HP230V1R32AO			
Sound Pressure Level			dB(A)			
			62			
External Dimensions (L x D x H)			in			
			39-3/8 x 15-13/16 x 29-3/8			
Package Dimension (L x W x H)			in			
			42-33/64 x 19-1/64 x 31-57/64			
Net Weight			lbs			
			116.8			
Gross Weight			lbs			
			127.9			
REFRIGERANT PIPING						
Refrigerant Charge - R32			oz			
			56.4			
Additional Charge			oz/ft			
			0.4			
Indoor Piping Connection (Liquid - Gas)*			in			
			1/4 - 5/8			
Outdoor Piping Connection (Liquid - Gas)			in			
			1/4 - 5/8			
Pre-Charge Length			ft			
			25			
Pipe Length (Min - Max)			ft			
			10 - 131			
Max. Pipe Elevation			ft			
			82			
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)			VAC			
			187 - 253			
Rated Current - Cooling			A			
			18			
Rated Current - Heating			A			
			19.7			
MOCP			A			
			30			
MCA			A			
			27			
Main Power Wire Size			AWG		Per Local Code	
Interconnecting Wire Size			AWG		14 / 4	

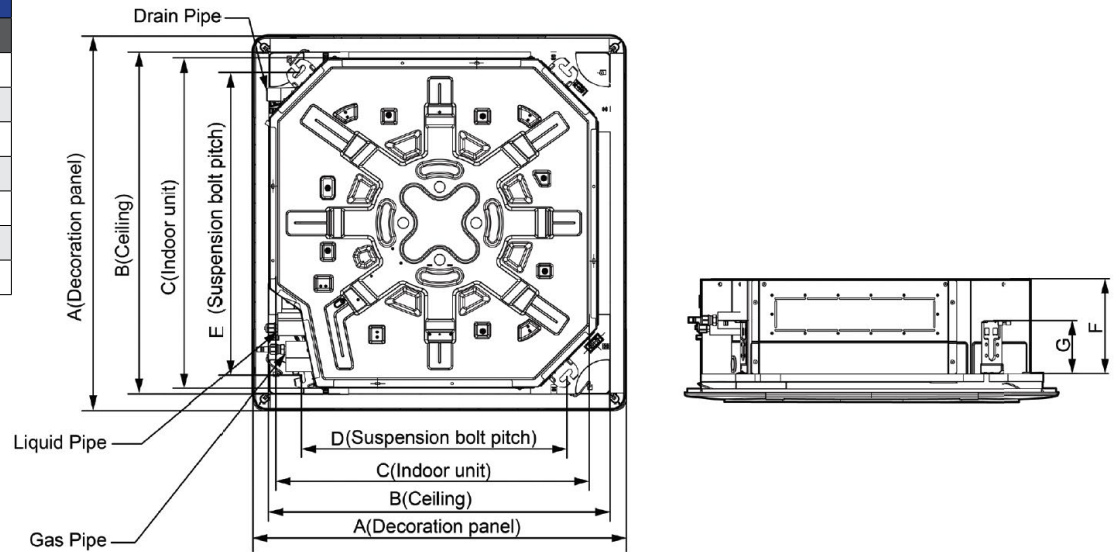
* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

DIMENSIONS

INDOOR UNIT

Unit: inch

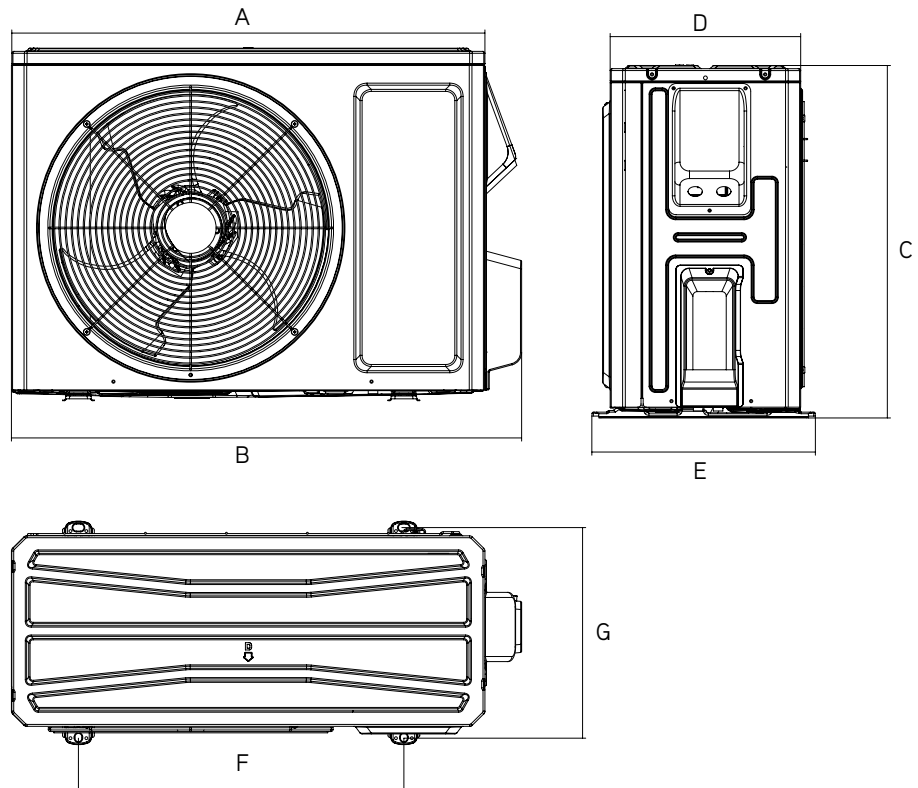
CAS30HP230V1R32AH	
DIMENSIONS	
A	37 13/32
B	35 3/64
C	33 5/64
D	26 49/64
E	30 45/64
F	9 29/64
G	5 5/16



OUTDOOR UNIT

Unit: inch

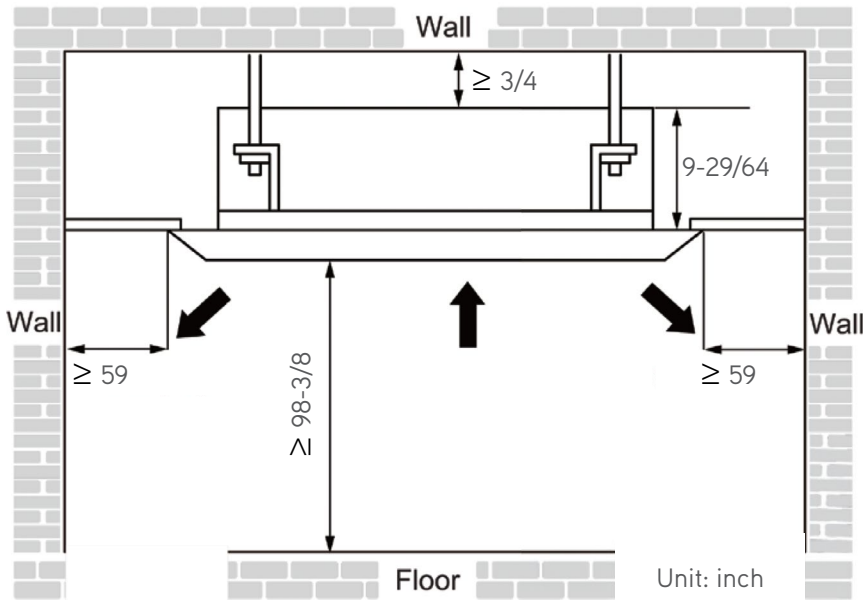
LIV30HP230V1R32AO	
DIMENSIONS	
A	36 11/32
B	39 3/8
C	29 3/8
D	14 17/32
E	16 13/16
F	24 1/64
G	15 35/64



CLEARANCES

INDOOR UNIT

Minimum clearance

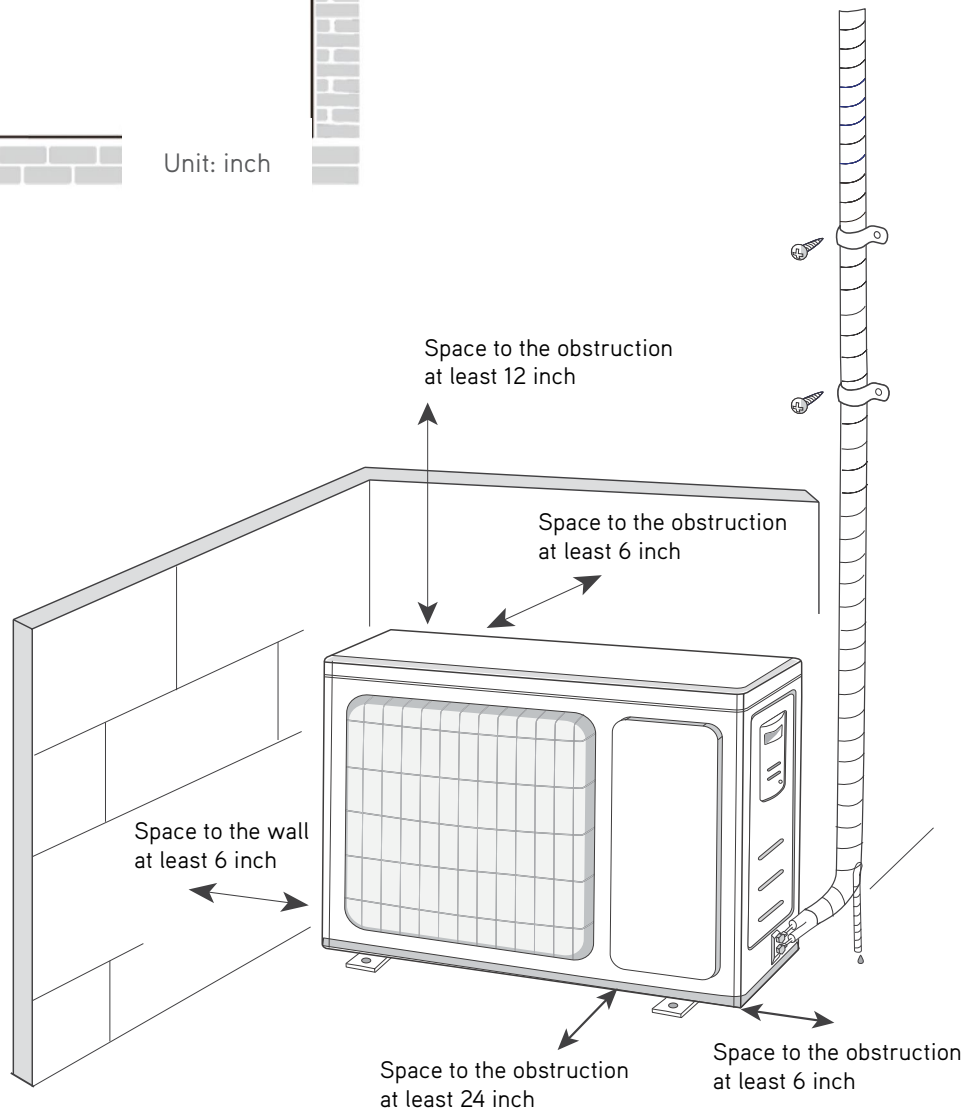


OUTDOOR UNIT

Minimum clearance

A 3D perspective diagram of a mounting bracket attached to a wall. A dimension line indicates a clearance of 3 inches from the bottom of the bracket to the wall.

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.



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