

SUBMITTAL DATA

ENV12HP230V1R32AH / ENV12HP230V1R32AO
12000 BTU/H Wall Mounted Heat Pump System

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

			
YBE1FBF	ENV12HP230V1R32AH	ENV12HP230V1R32AO	XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [214779344](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Swing Louver Control
- Self-diagnosis
- New R32 Refrigerant
- Wi-Fi Included (Factory Installed)
- Wireless Remote with LCD Display
- Wired Controller Options
- 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
- Fresh Air Kit - TL204000100 is offered as an accessory, needs to be ordered separately.

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

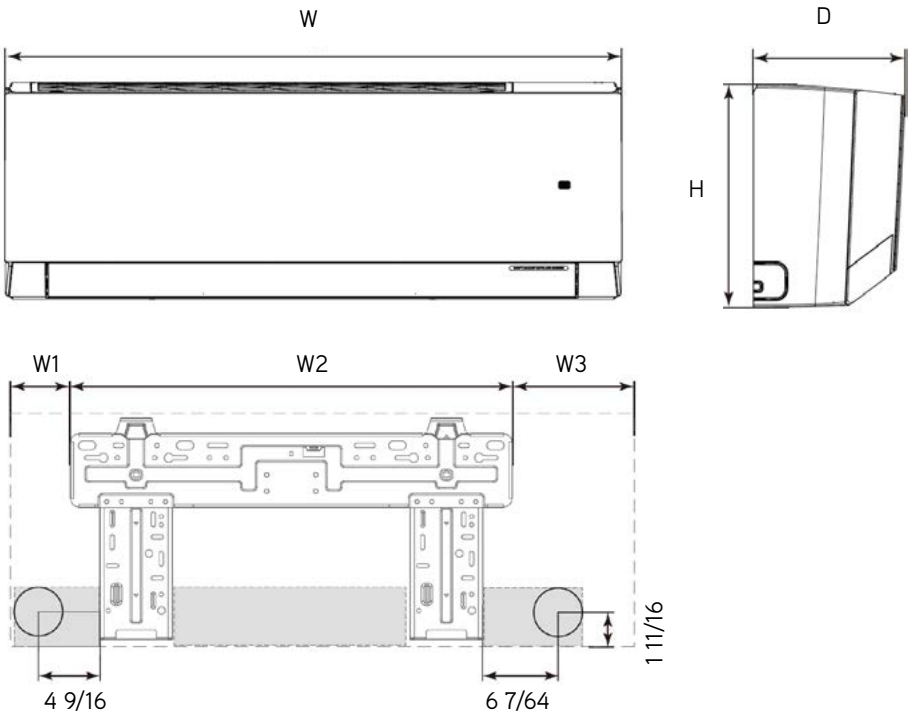
SYSTEM TYPE			HEAT PUMP	FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			ENV12HP230V1R32AO	Inverter Type	G20
Indoor Model			ENV12HP230V1R32AH	Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE				Power Factor Correction	Yes
Cooling Capacity	Min - Max	Btu/h	8,528 - 17,056	Basepan With Electric Heater	Yes
	Capacity @95°F	Btu/h	12,000	Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Heating Capacity	Min - Max	Btu/h	7,691 - 15,695	Intelligent Defrosting	Yes
	Capacity @47°F	Btu/h	12,000	Intelligent Preheating	Yes
	Capacity @17°F	Btu/h	10,000	Low Voltage Startup	Yes
	Capacity @5°F	Btu/h	11,000	Memory/Power Failure Recovery	Yes
SEER2			24.5	Self Diagnosis	Yes
EER2			13.0	Wired Controller Interface	Yes
HSPF2			9.5	WiFi Included	Yes
COP @5°F			1.95	NEW! Easy Service Access	Yes
Cooling Temperature Range		*F	-20 - 122	Indoor Fan Type	Crossflow
Heating Temperature Range		*F	-22 - 86	Multi Fan Speeds	7 Speeds
Refrigerant Type			R32	Indoor Unit Display	Yes
INDOOR UNIT			ENV12HP230V1R32AH	Auxiliary Electrical Heater	No
Air flow (Min - Max)		CFM	212 - 400	Ventilation (Outdoor Air)	Yes
Sound Pressure Level (Min - Max)		dB(A)	20 - 43	REMOTE CONTROLLER FUNCTIONS	
Dehumidification		pt/hr	2.96	Humidity Control	Yes
External Dimensions (W x H x D)		in	32 61/64 x 11 17/32 x 7 7/8	Two-way Ventilation	Yes
Package Dimension (W x H x D)		in	35 18/64 x 14 44/64 x 10 45/64	Auto Clean	Yes
Net Weight		lbs	20.9	Auto Mode	Yes
Gross Weight		lbs	25.4	Auto Fan	Yes
OUTDOOR UNIT			ENV12HP230V1R32AO	Auto Swing (Horizontal Auto Swing)	Yes
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER	Auto Swing - 180° (Vertical Auto Swing)	Yes
Sound Pressure Level		dB(A)	52	Clock	Yes
External Dimensions (W x H x D)		in	31 37/64 x 21 27/32 x 13 25/32	Dry Mode	Yes
Package Dimension (W x H x D)		in	34 21/64 x 24 13/32 x 15 43/64	Dry Anti-Mildew (X-Fan) Mode	Yes
Net Weight		lbs	70.6	Energy Saving Mode	Yes
Gross Weight		lbs	76.1	Dirty Filter Alert	Yes
REFRIGERANT PIPING				Fan Speed Control (7 Speeds)	Yes
Refrigerant Charge - R32		oz	28.2	I Feel Function	Yes
Additional Charge		oz/ft	0.2	Child Lock	Yes
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2	Quiet Mode	Yes
Pre-Charge Length		ft	25	Room Temperature Display	Yes
Pipe Length (Min - Max)		ft	10 - 66	Sleep Mode	Yes
Max. Pipe Elevation		ft	40	Turbo Mode	Yes
ELECTRICAL				3 Sleep Mode Options	Yes
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	Timer Mode	Yes
Voltage Range (Min - Max)		VAC	187 - 253	Turbo Mode	Yes
Rated Current - Cooling		A	6.64	Display On/Off Control	Yes
Rated Current - Heating		A	6.41	Freeze Guard Mode	Yes
MCA		A	10	Power Failure Mode	Yes
MOCP		A	15		
Suggested Breaker Size		A	10		
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		

DIMENSIONS

INDOOR UNIT

Unit: inch

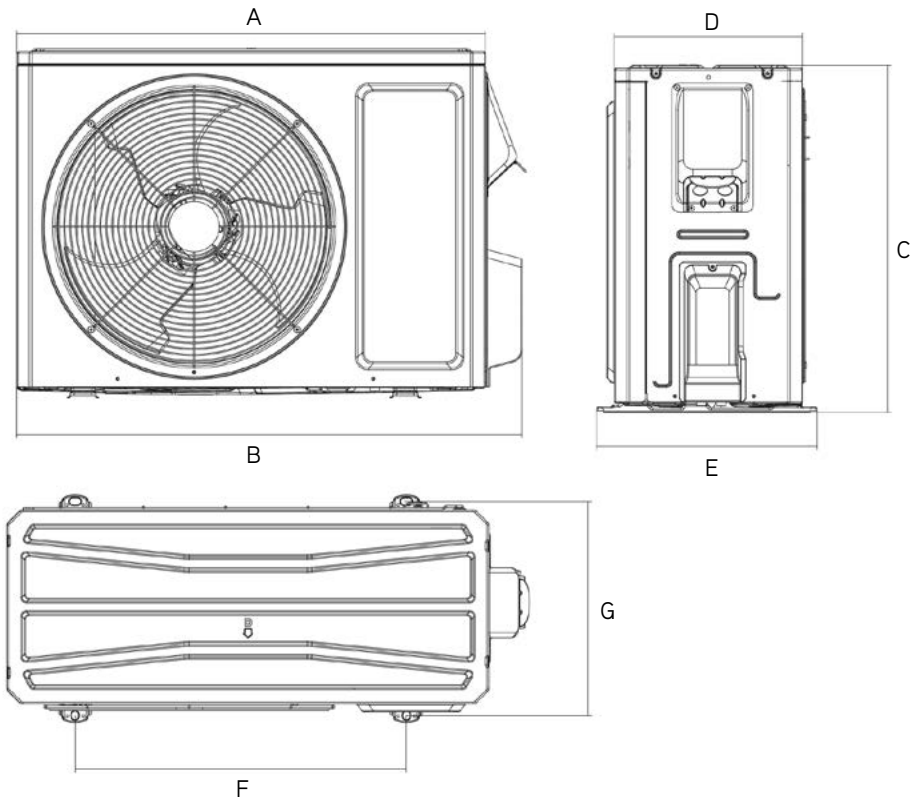
ENV12HP230V1R32AH	
DIMENSIONS	
W	32 61/64
H	11 17/32
D	7 7/8
W1	4 11/16
W2	21 11/32
W3	6 59/64



OUTDOOR UNIT

Unit: inch

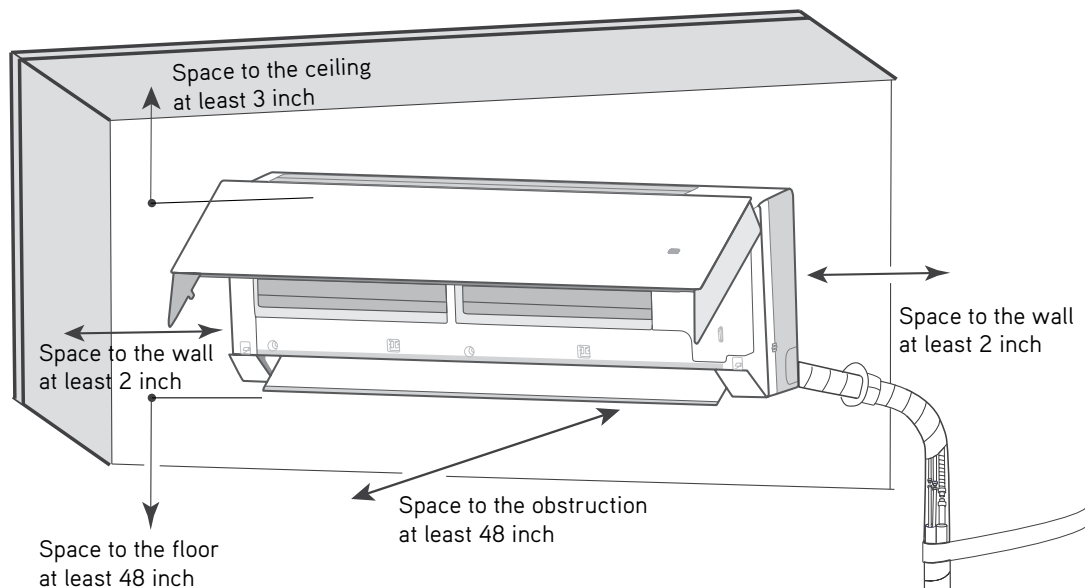
ENV12HP230V1R32AO	
DIMENSIONS	
A	29 21/64
B	31 37/64
C	21 27/32
D	11 13/16
E	13 25/32
F	20 5/32
G	13 5/64



CLEARANCES

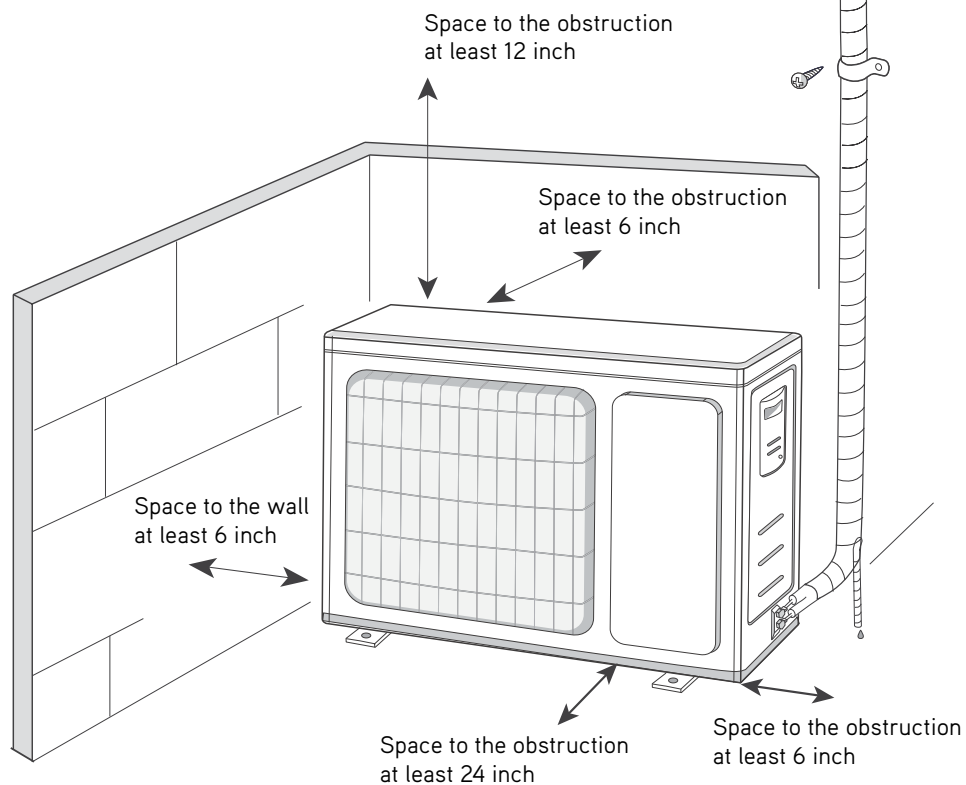
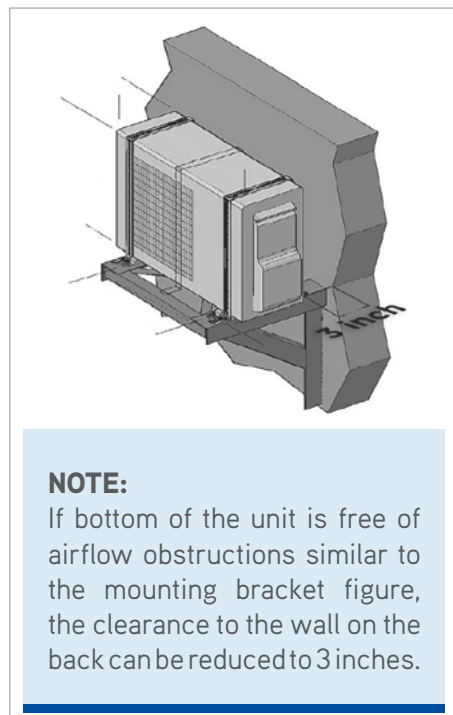
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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