

SUBMITTAL DATA

ENV24HP230V1R32AH / ENV24HP230V1R32AO
24000 BTU/H Wall Mounted Heat Pump System

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

			
YBE1FBF	ENV24HP230V1R32AH	ENV24HP230V1R32AO	XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [214779345](#)
- 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

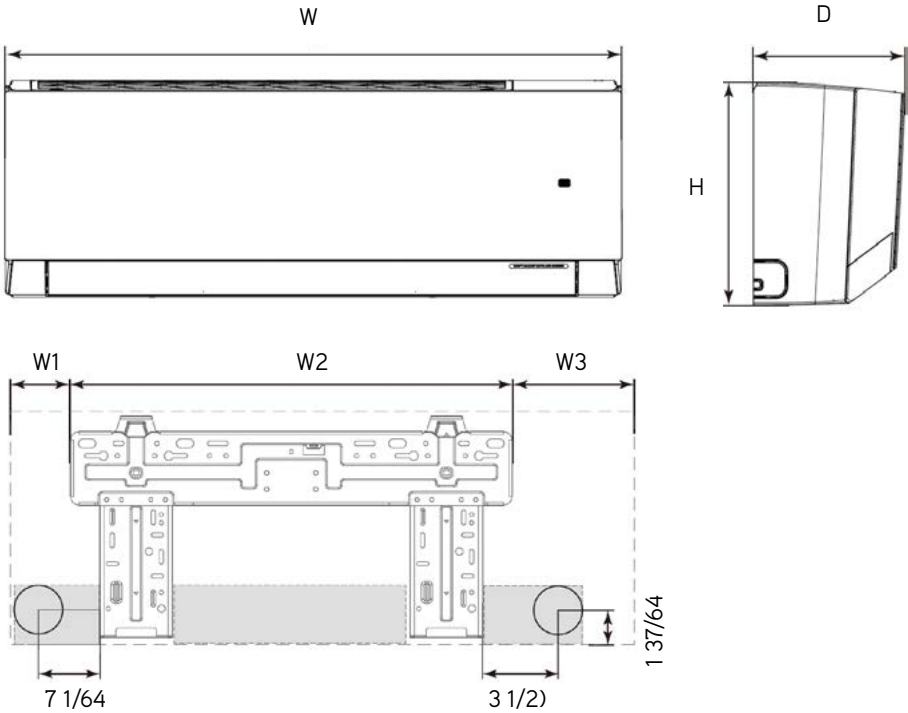
SYSTEM TYPE			HEAT PUMP	FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			ENV24HP230V1R32AO	Inverter Type	G20
Indoor Model			ENV24HP230V1R32AH	Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE				Power Factor Correction	Yes
Cooling Capacity	Min - Max	Btu/h	17,180 - 29,659	Basepan With Electric Heater	Yes
	Capacity @95°F	Btu/h	22,000	Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Heating Capacity	Min - Max	Btu/h	12,810 - 31,586	Intelligent Defrosting	Yes
	Capacity @47°F	Btu/h	24,000	Intelligent Preheating	Yes
	Capacity @17°F	Btu/h	20,000	Low Voltage Startup	Yes
	Capacity @5°F	Btu/h	22,000	Memory/Power Failure Recovery	Yes
SEER2			24.0	Self Diagnosis	Yes
EER2			13.1	Wired Controller Interface	Yes
HSPF2			9.0	WiFi Included	Yes
COP @5°F			1.75	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			ENV24HP230V1R32AH	Auxiliary Electrical Heater	No
Air flow (Min - Max)		CFM	235 - 559	Ventilation (Outdoor Air)	Yes
Sound Pressure Level (Min - Max)		dB(A)	30 - 48	REMOTE CONTROLLER FUNCTIONS	
Dehumidification		pt/hr	5.07	Humidity Control	Yes
External Dimensions (W x H x D)		in	39 3/32 x 12 1/4 x 8 47/64	Two-way Ventilation	Yes
Package Dimension (W x H x D)		in	41 17/32 x 15 5/32 x 11 47/64	Auto Clean	Yes
Net Weight		lbs	29.8	Auto Mode	Yes
Gross Weight		lbs	35.3	Auto Fan	Yes
OUTDOOR UNIT			ENV24HP230V1R32AO	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)	61	Clock	Yes
External Dimensions (W x H x D)		in	39 3/8 x 29 3/8 x 16 13/16	Dry Mode	Yes
Package Dimension (W x H x D)		in	42 33/64 x 31 57/64 x 19 1/64	Dry Anti-Mildew (X-Fan) Mode	Yes
Net Weight		lbs	103.6	Energy Saving Mode	Yes
Gross Weight		lbs	114.7	Dirty Filter Alert	Yes
REFRIGERANT PIPING				Fan Speed Control (7 Speeds)	Yes
Refrigerant Charge - R32		oz	49.4	I Feel Function	Yes
Additional Charge		oz/ft	0.4	Child Lock	Yes
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 5/8	Quiet Mode	Yes
Pre-Charge Length		ft	25	Room Temperature Display	Yes
Pipe Length (Min - Max)		ft	10 - 131	Sleep Mode	Yes
Max. Pipe Elevation		ft	82	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	13.5	Display On/Off Control	Yes
Rated Current - Heating		A	17.2	Freeze Guard Mode	Yes
MCA		A	23	Power Failure Mode	Yes
MOCP		A	25		
Suggested Breaker Size		A	25		
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		

DIMENSIONS

INDOOR UNIT

Unit: inch

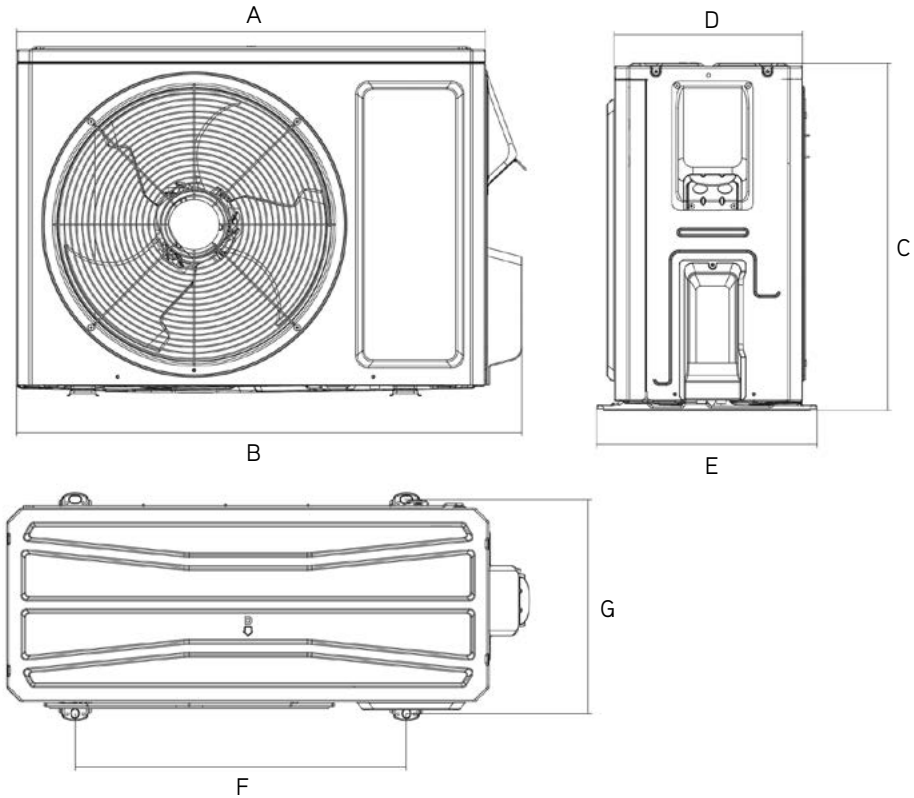
ENV24HP230V1R32AH	
DIMENSIONS	
W	39 3/32
H	12 1/4
D	8 47/64
W1	5 3/64
W2	27 55/64
W3	6 13/64



OUTDOOR UNIT

Unit: inch

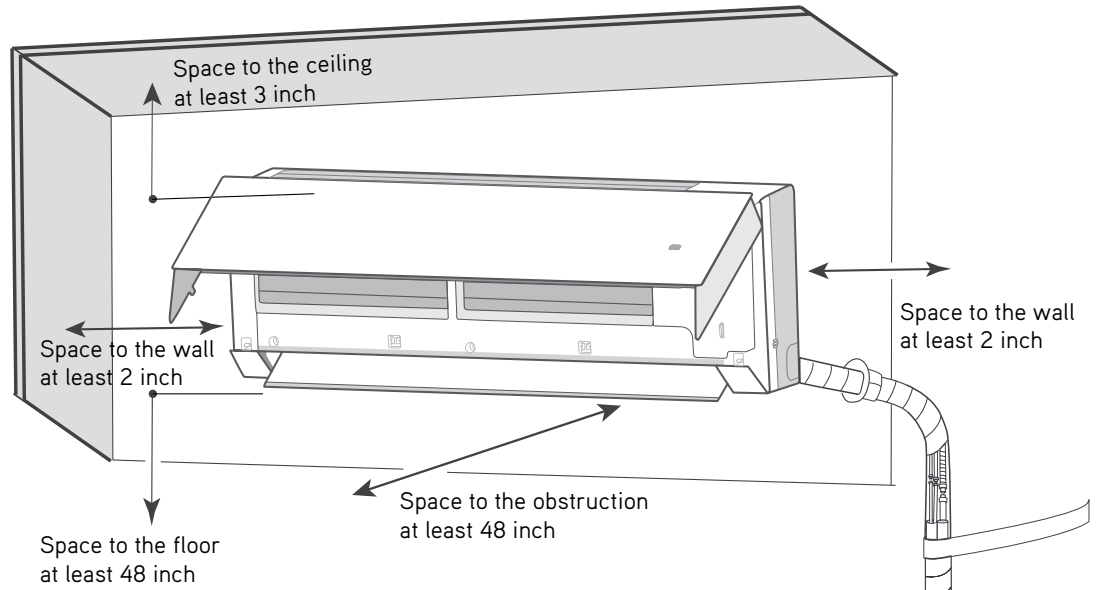
ENV24HP230V1R32AO	
DIMENSIONS	
A	36 11/32
B	39 3/8
C	29 3/8
D	14 17/32
E	16 13/16
F	24 1/64
G	15 35/64



CLEARANCES

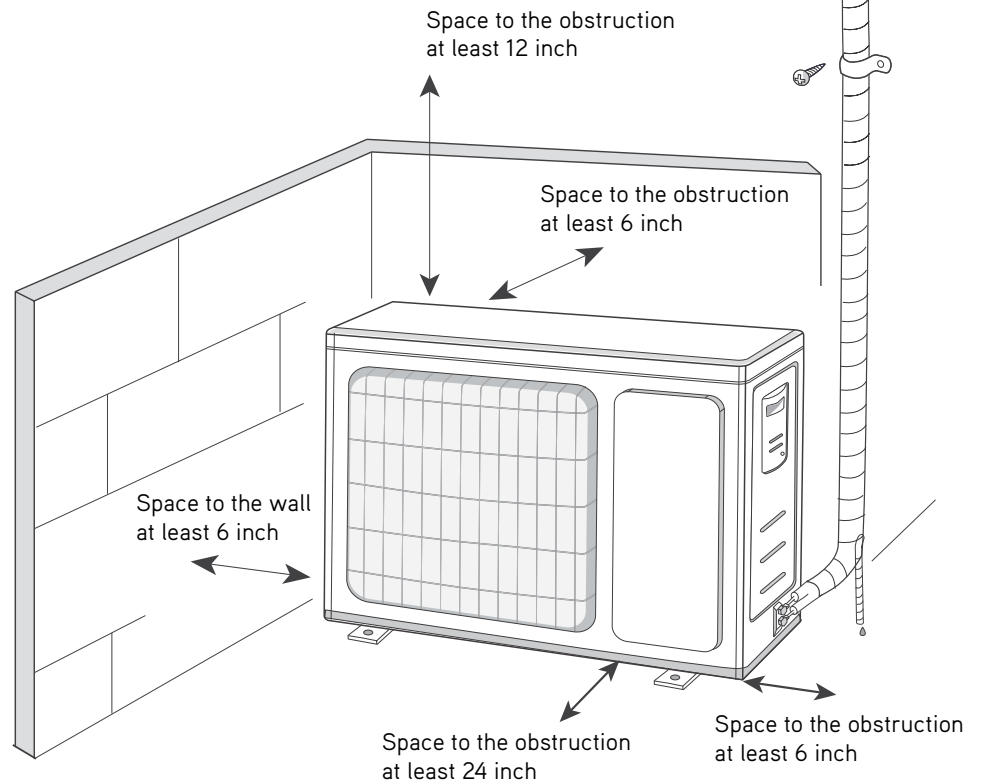
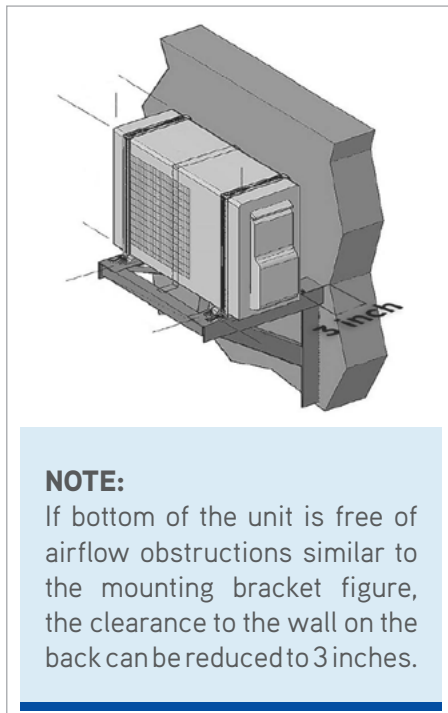
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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