
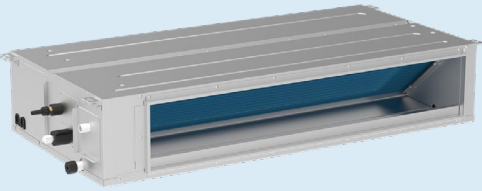



SUBMITTAL DATA

DUC36HP230V1R32AH
36000 BTU/H Slim Duct (HS) Heat Pump System

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

		
YBE1FB5F	DUC36HP230V1R32AH	XE72-44/E

GENERAL FEATURES

- AHRI Certificate: [215415559 \(Livo R32 36Btu/h\)](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Slim Line Construction
- High Static E.S.P Capability -Adjustible
- Internal Condensate Drain Pump
- Flexible Return Air From Bottom Or Rear
- Wireless Remote with LCD Display Included
- XE72-44/E Wi-Fi Wired Controller Included
- Low Ambient Cooling and Heating
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- New R32 Refrigerant with Refrigerant Sensor

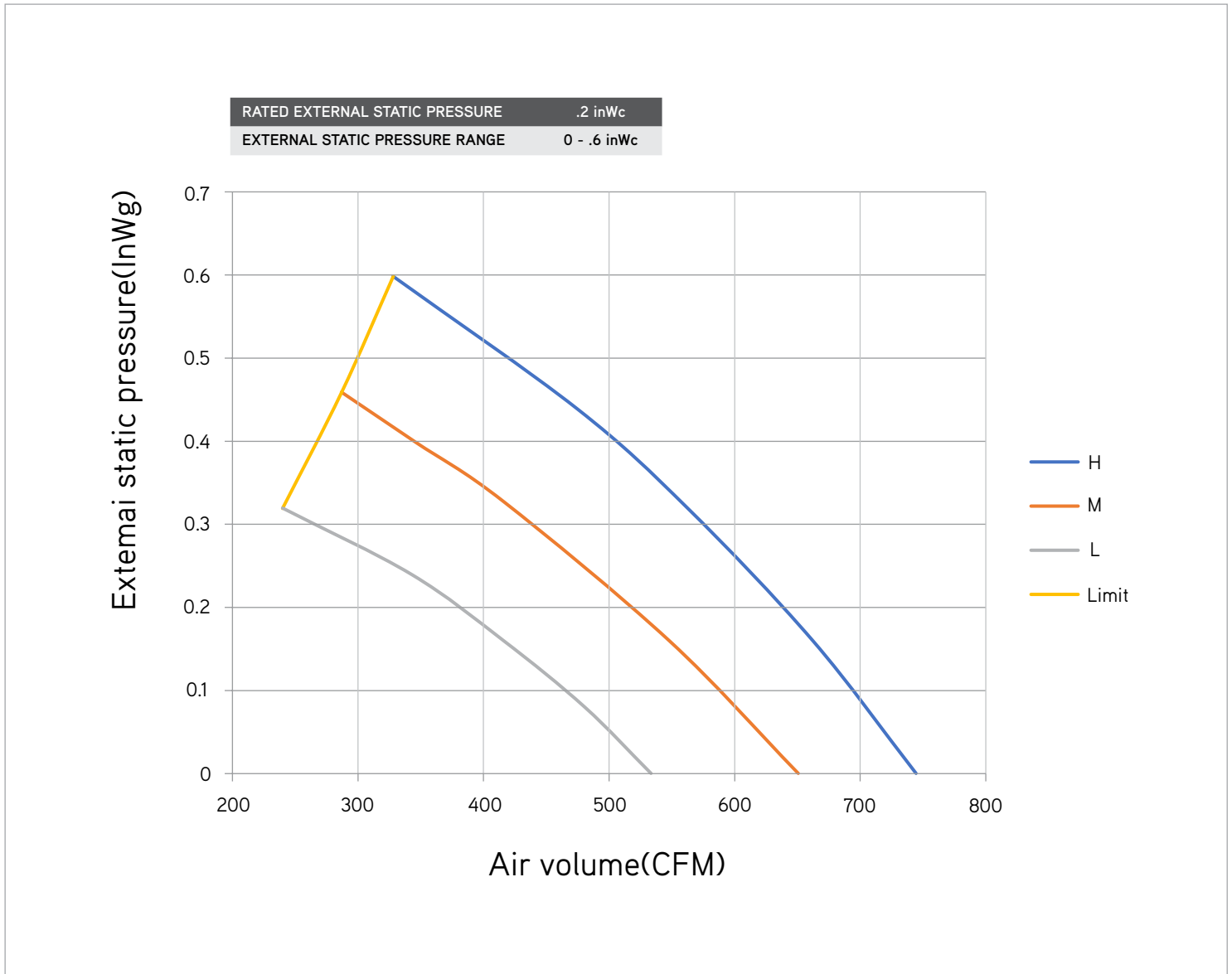
SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SYSTEM TYPE		
Indoor Model		DUC36HP230V1R32AH
Outdoor Model		LIV36HP230V1R32AO
SYSTEM PERFORMANCE		
Cooling Capacity	Min - Max	Btu/h 10,800 - 42,900
	Rated Capacity @95°F	Btu/h 33,600
Heating Capacity	Min - Max	Btu/h 13,600 - 39,200
	Rated Capacity @47°F	Btu/h 34,000
	Rated Capacity @17°F	Btu/h 27,200
	Rated Capacity @5°F	Btu/h 23,600
SEER2		20.0
EER2		11.95
HSPF2		8.5
COP @5°F		1.90
Cooling Temperature Range		°F -4 - 122
Heating Temperature Range		°F -13 - 75
Refrigerant Type		R32
INDOOR UNIT		DUC36HP230V1R32AH
Air flow (Min-Max)		CFM 853 - 1324
External Static Pressure (Max)		In W.c. 0.8
Sound Pressure Level (Min - Max)		dB(A) 39 - 45
Dehumidification		pt/hr 7.82
External Dimensions (L x D x H)		in 52-3/4 x 25-25/32 x 10-15/64
Package Dimension (L x W x H)		in 61-47/64 x 30-5/16 x 12-23/32
Net Weight		lbs 94.8
Gross Weight		lbs 108.0
OUTDOOR UNIT		LIV36HP230V1R32AO
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 122.4
Gross Weight		lbs 133.4
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 20
Rated Current - Heating		A 20
MOCP		A 35
MCA		A 24
Main Power Wire Size		AWG Per Local Code
Interconnecting Wire Size		AWG 14 / 4

FEATURES & FUNCTIONS SUMMARY	
Inverter Type	G20
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
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	4 Speeds
Indoor Unit Display	No
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	No
REMOTE CONTROLLER FUNCTIONS	
Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	No
Auto Swing - 180° (Vertical Auto Swing)	No
Clock	Yes
Dry Mode	Yes
Dry Anti-Mildew (X-Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	No
Room Temperature Display	No
Sleep Mode	Yes
3 Sleep Mode Options	No
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	No
Freeze Guard Mode	Yes
Power Failure Mode	Yes

* 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.

FAN PERFORMANCE



NOTE:

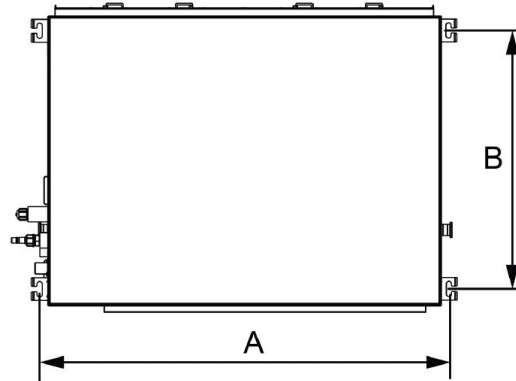
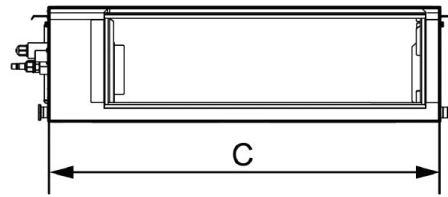
The static pressure is adjusted using the wired controller. Refer to the wired controller instruction manual for more information.

DIMENSIONS

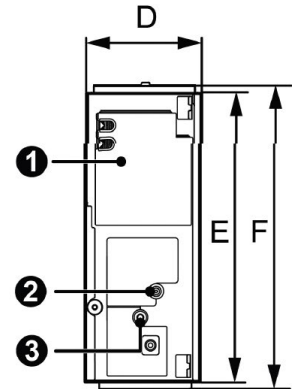
INDOOR UNIT

Unit: inch

DUC36HP230V1R32AH	
DIMENSIONS	
A	54 3/8
B	23 1/32
C	52 3/4
D	10 15/64
E	25 25/32
F	27 7/16



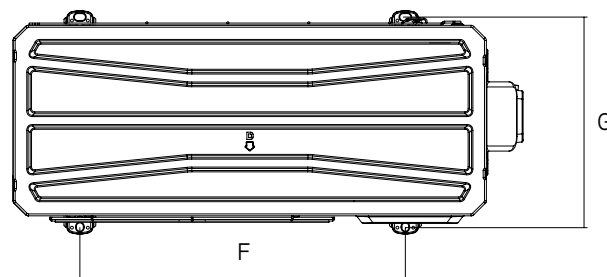
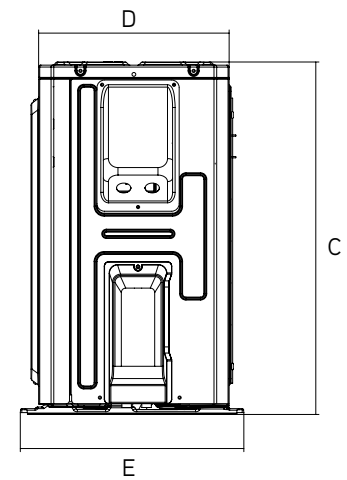
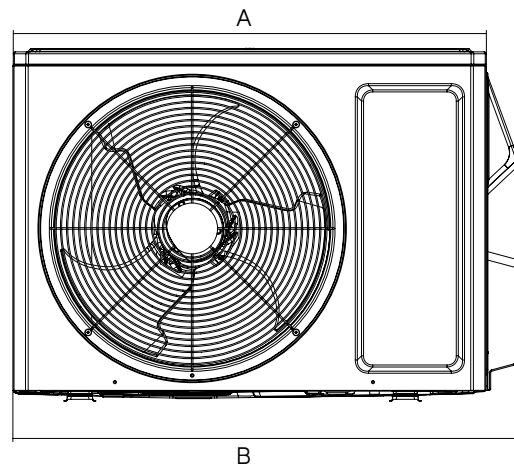
- ① Electric Box
- ② Gas pipe
- ③ Liquid pipe



OUTDOOR UNIT

Unit: inch

LIV36HP230V1R32AO	
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

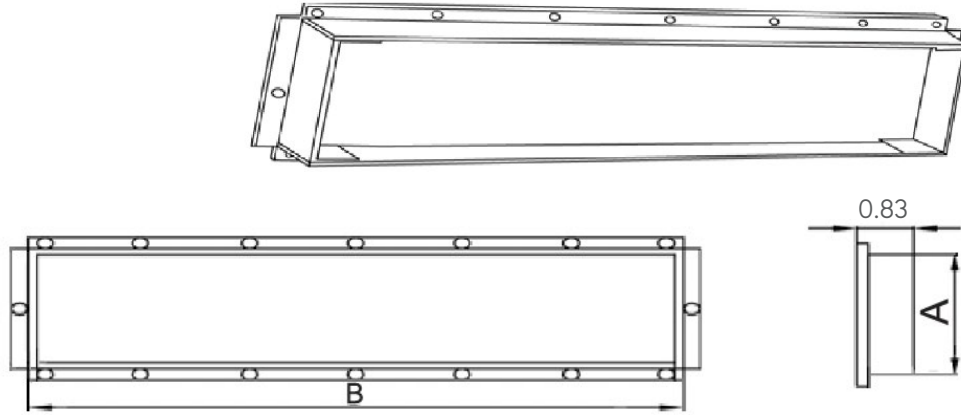


SUPPLY AND RETURN AIR OPENING DIMENSIONS

SUPPLY AIR OUTLET

Unit: inch

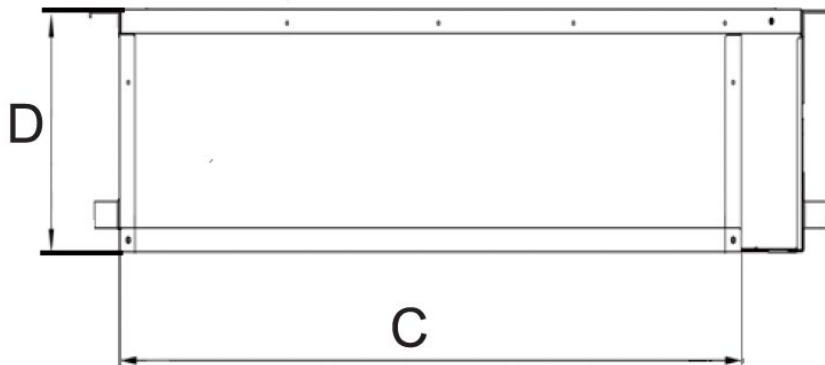
DUC36HP230V1R32AH	
DIMENSIONS	
A	8-30/64
B	45-25/64



RETURN AIR INLET

Unit: inch

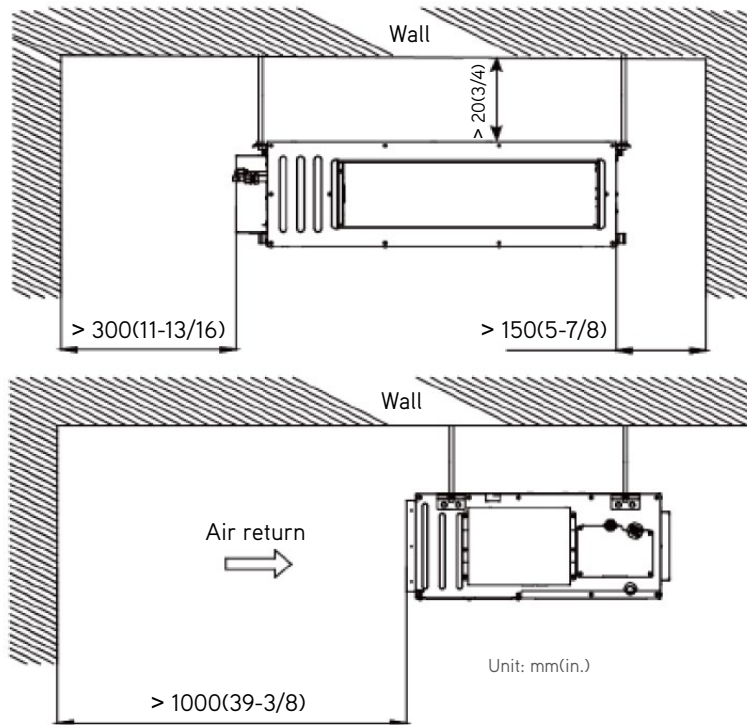
DUC36HP230V1R32AH	
DIMENSIONS	
C	46-49/64
D	8-21/32



CLEARANCES

INDOOR UNIT

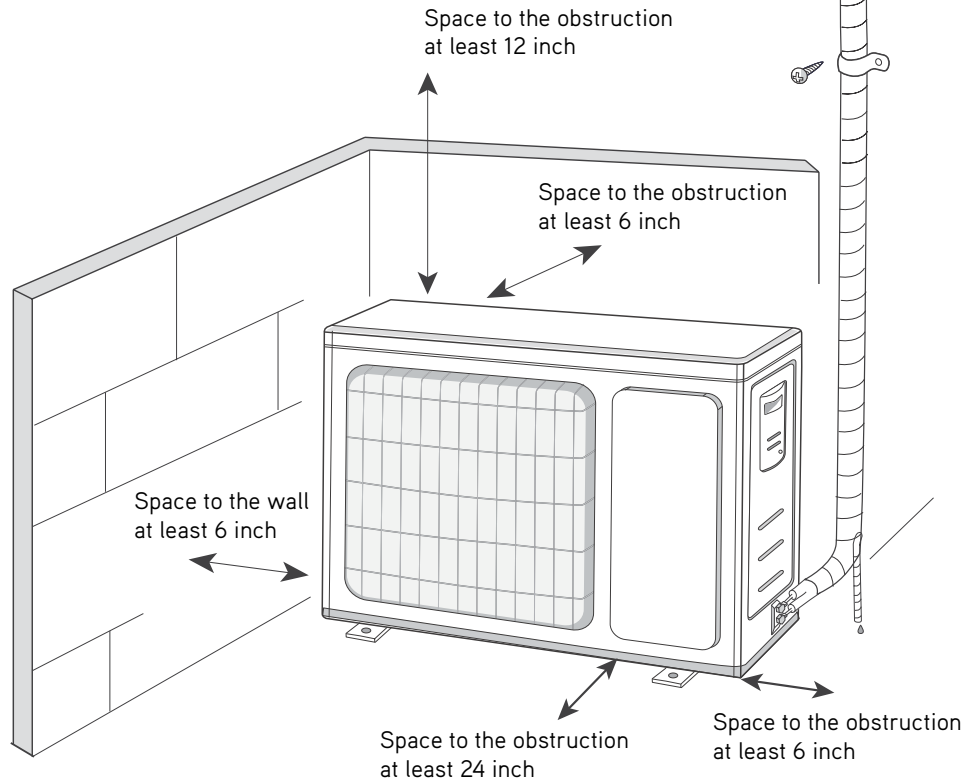
Minimum clearance



OUTDOOR UNIT

Minimum clearance

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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