XP CLIMATE CONTROL LLC
3299 Bamboo Rd. Boone NC 28607
PO Box 432 Blowing Rock N.C. 28605
828-266-2006/866-292-7506
info@xpclimate.com
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SUBMITTAL DATA

EP-MS12HP-1-2-X-(IE)-216-1Z
Explosion Proof Single Zone Mini Split System Heat Pump
Interior/Exterior: Class 1 Division 2 Groups C,D
208-230 Volt, 1 Phase, 60 hertz ~ 12,000 BTU/H



YBE1FB1F



Evaporator Section



Condenser Section

GENERAL FEATURES

- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Composite Drain Pan
- Owners & Maintenance Manuals Included
- Explosion Proof Motor and Overload Protection Installed
- Certificate of Conformance to NEC Codes Issued
- Low Ambient Cooling and Heating
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- Wall-Mounted Evaporator Section
- Refrigerant Type: R32

1-866-292-7506



SPECIALIZED EXPLOSION PROOF SYSTEMS

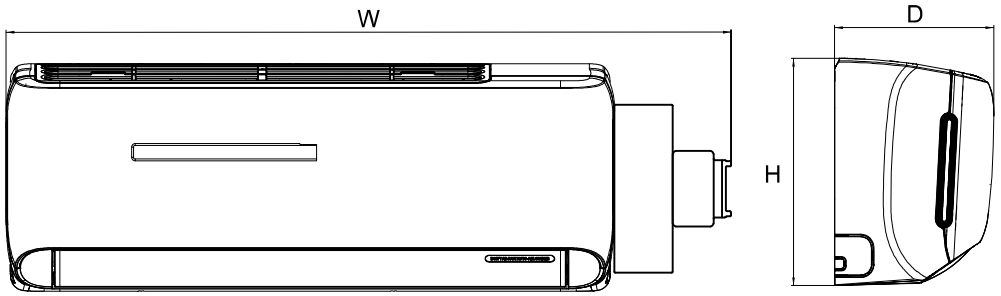
SYSTEM TYPE			HEAT PUMP
Outdoor Model			
Indoor Model			
SYSTEM PERFORMANCE			
Cooling Capacity	Min - Max	Btu/h	3,070 - 13,300
	Rated Capacity @95°F	Btu/h	12,000
Heating Capacity	Min - Max	Btu/h	3,070 - 14,600
	Rated Capacity @47°F	Btu/h	12,000
	Rated Capacity @17°F	Btu/h	9,700
	Rated Capacity @5°F	Btu/h	9,100
SEER2			19.0
EER2			9.75
HSPF2			8.5
COP @5°F			1.75
Cooling Temperature Range		°F	0 - 118
Heating Temperature Range		°F	-13 - 75
Refrigerant Type			R32
INDOOR UNIT			
Air flow (Min - Max)		CFM	182 - 424
Sound Pressure Level (Min - Max)		dB(A)	27 - 47
Dehumidification		pt/hr	2.96
External Dimensions (W x H x D)		in	40 × 10-53/64 × 7-7/8
Net Weight		lbs	31.8
Gross Weight		lbs	36.3
OUTDOOR UNIT			
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER
Sound Pressure Level		dB(A)	52
External Dimensions (W x H x D)		in	28-13/16 x 31 x 16-27/32
Net Weight		lbs	134.2
Gross Weight		lbs	139.7
REFRIGERANT PIPING			
Refrigerant Charge - R32		oz	17.6
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			208-230V / 1PH / 60Hz Powered by the Outdoor Unit)
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	7.02
Rated Current - Heating		A	7.47
MOCP		A	15
MCA		A	12
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

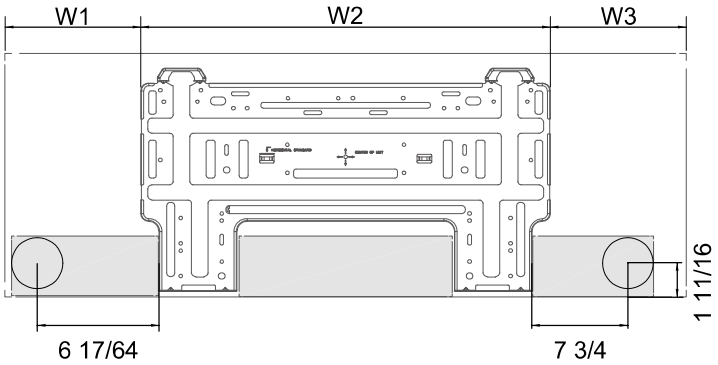
FEATURES & FUNCTIONS SUMMARY	
Inverter Type	G20
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Basepan With Electric Heater	Yes
Compressor With Electric Heater	Yes
Outdoor Fin Coating (Color:Blue)	Acrylic-Resin/Anti-Corrosive
Intelligent Defrosting	Yes
Force Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface	Yes
WiFi Included	Yes
Indoor Fan Type	Crossflow
Multi Fan Speeds	6 Speeds
Indoor Unit Display	Yes
Auxilary Electrical Heater	No
Ventilation (Outdoor Air)	No
A2L Leak Detection Sensor (Indoor)	Factory Installed
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	Yes
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

INDOOR UNIT

Unit: inch

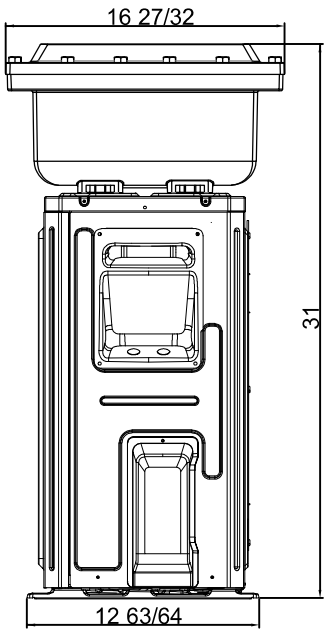
DIMENSIONS	
W	40
H	10 53/64
D	7 7/8
W1	7 1/64
W2	18 3/16
W3	7 43/64

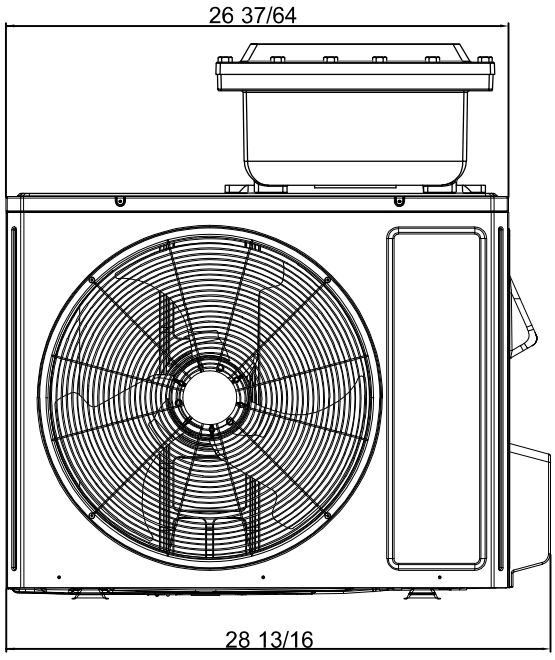


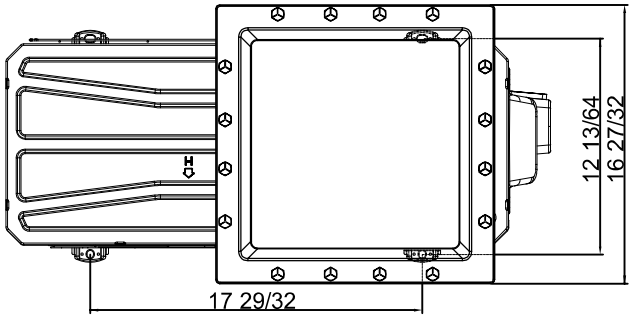


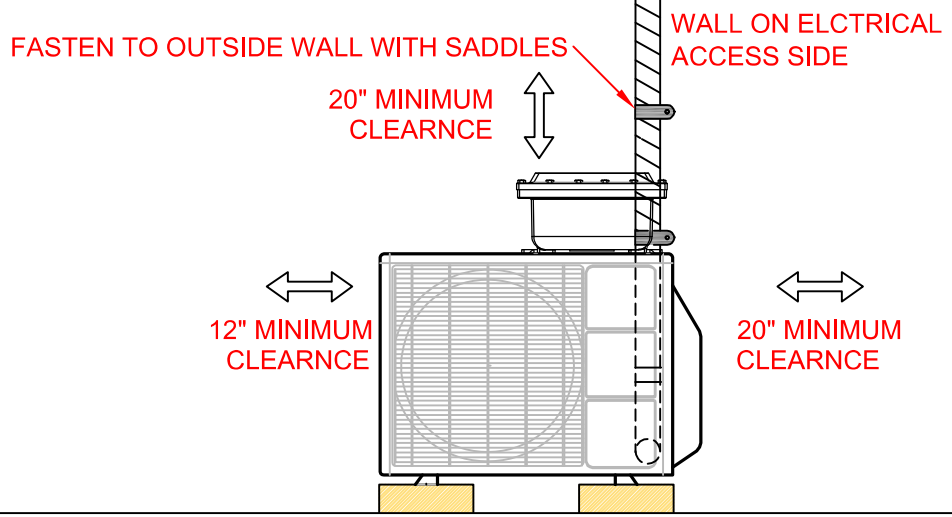
OUTDOOR UNIT

Unit: inch

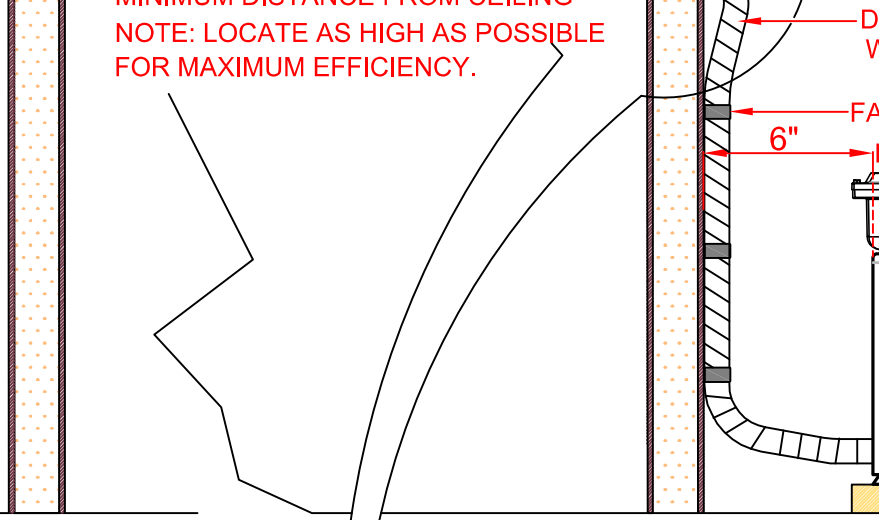








VIEW "A"



SECTIONAL SIDE

