

Indoor Unit Model#: ACiQ-12W-E-M

12K R32 Wall Mounted Air Handler (For Multi-Zone Systems)

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Indoor Unit Product Code: 810175553542



INDOOR UNIT SPECIFICATIONS

Indoor Fan Motor Output Power (W)	13
Indoor Fan Airflow Volume (Turbo / Hi / Med / Lo)	Cooling Mode (CFM) 353 / 324 / 271 / 247 Heating Mode (CFM) 353 / 335 / 282 / 247
Indoor Fan Speed (Turbo / Hi / Med / Lo)	Cooling Mode (rpm) 1130 / 980 / 920 / 850 Heating Mode (rpm) 1130 / 1030 / 940 / 850
Indoor Noise Level (Turbo / Hi / Med / Lo)	Sound Pressure dB(A) 42 / 39 / 37 / 35
Dimension (WxDxH)	inch 30.24 x 7.87 x 11.77 mm 768 x 200 x 299
Package (WxDxH)	inch 32.72 x 11.10 x 14.61 mm 831 x 282 x 371
Net/Gross Weight	lbs 16.53 / 22.05 kg 7.50 / 10.00

COOLING PERFORMANCE

Cooling (Btu/hr)	
Cooling Capacity*	12000
Moisture Removal (L/hr)	1.0
Indoor Temp. Operating Range °F(°C)	60.8°F ~ 89.6°F (16°C ~ 32°C)

ELECTRICAL SPECIFICATIONS

Power Supply (V, Hz, Ph)	208/230V, 60 Hz, 1 Ph
Input Current (A)	0.20
Recommended Connection Wiring (AWG)	4 x 18

HEATING PERFORMANCE

Heating (Btu/hr)	
Heating Capacity*	12300
Indoor Temp. Operating Range °F(°C)	50°F ~ 89.6°F (10°C ~ 32°C)

REFRIGERANT & PIPING SPECIFICATIONS

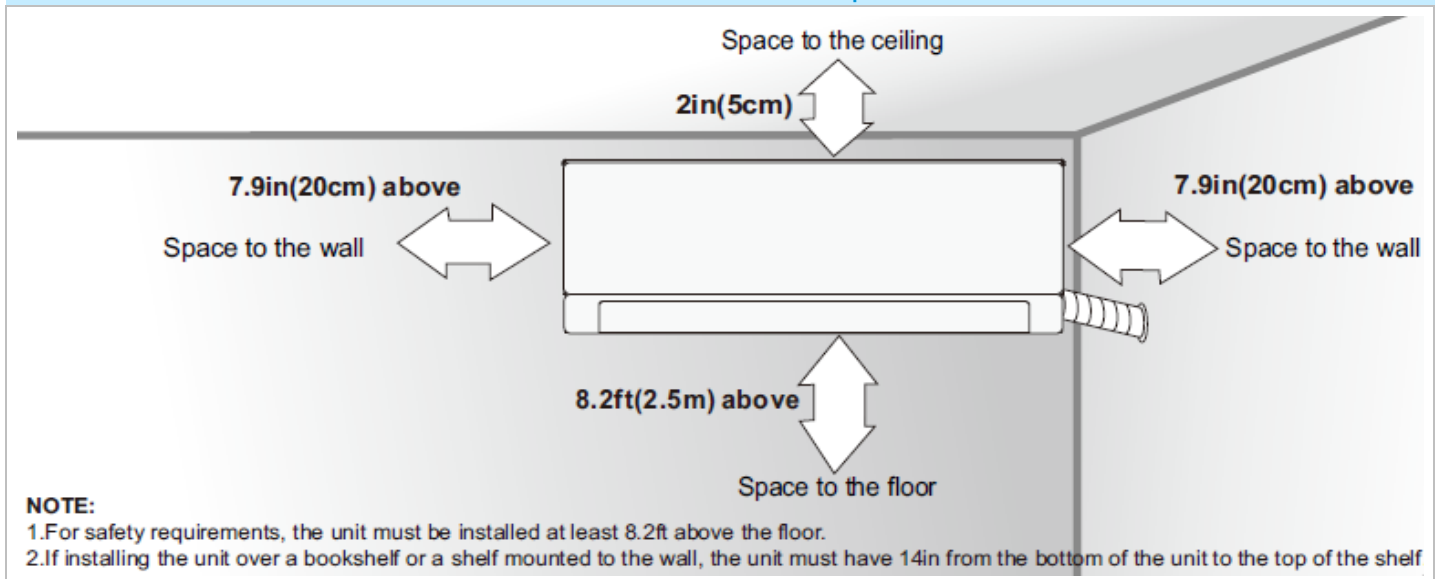
Refrigerant Type	R32
Liquid Side Pipe Diameter	1/4" (6.35 mm)
Gas Side Pipe Diameter	3/8" (9.52 mm)
Drainage Pipe Diameter	2/3" (16.90 mm)
Connection Method	Flared

*Air handler is capable of performance figures & efficiency ratings listed above, actual performance is dependent on the efficiency of the condenser the air handler is paired with and the application/system it is install in.

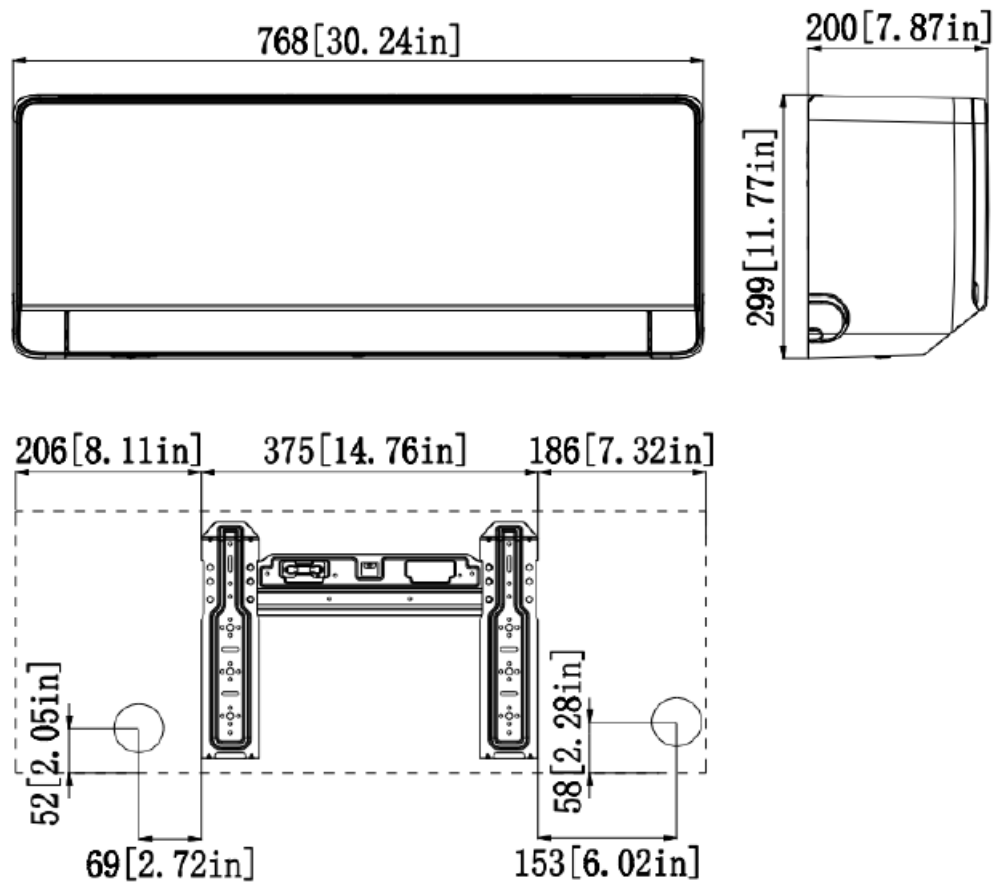
Features

- Detachable lower panel and plate support to provide additional clearance during installation process
- New design allows for PCB to be easily access and does not requirer disassembly of the unit frame
- Unit equipped with a dust detection system that alerts user when the filter screen needs to cleaned
- Equipped with a strengthened mounting plate that includes a level to ensure accurate positioning and installation of the unit to the wall
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi

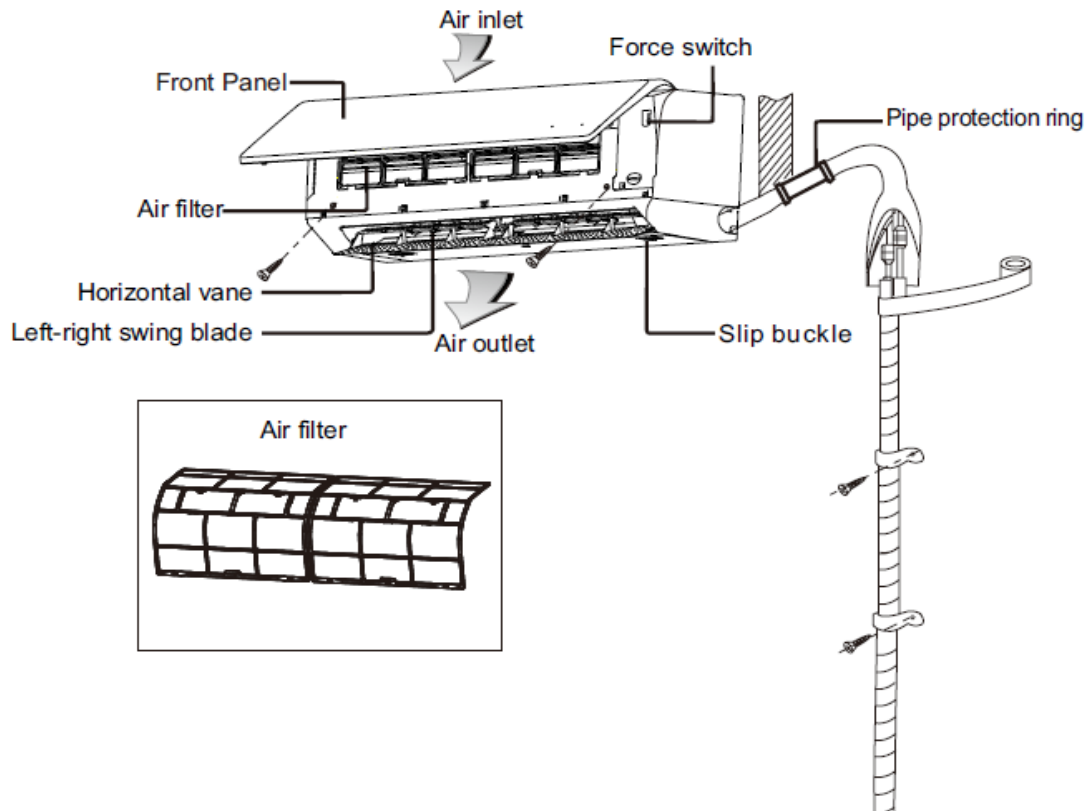
Indoor Unit Installation Clearance Requirements



Indoor Unit Dimensions



Indoor Unit Parts Diagram



Note:

- 1.All the illustrations in this manual are for explanation purpose only.
- 2.Your air conditioner may be slightly different. The actual shape may vary.
- 3.They are subject to change without notice for future improvement.