Submittal Data Sheet

Indoor Unit Model#: ACiQ-09CC-HH-MC

4-Way Ceiling Cassette Air Handler (Multi-Zone Systems)

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

Indoor Unit Product Code: 810175551111
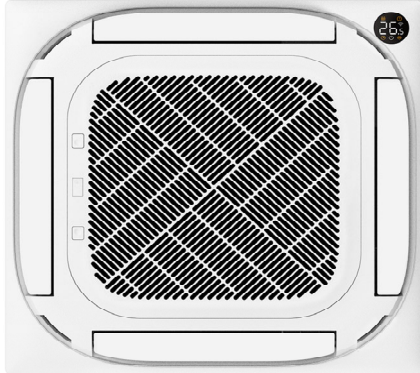
INDOOR UNIT SPECIFICATIONS

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		353.2 / 312.0 / 264.9 / 182.5 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		42.5 / 40.0 / 37.5 / 26.0 / 24.0
Dimension (W×D×H)	inch	22.44 x 22.44 x 9.65
	mm	570.0 × 570.0 × 245.0
Package (W×D×H)	inch	28.15 x 25.20 x 11.61
	mm	715 × 640 × 295
Net/Gross Weight	lbs	35.27 / 41.89
	kg	16 / 19

ELECTRICAL SPECIFICATIONS

Power Supply	208/230V,60Hz,1Ph
Connection Wiring	14#x4
Indoor Fan Motor RLA	0.8
Indoor Fan Motor W	45
RLA: Rated load amps (A)	**W:** Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS

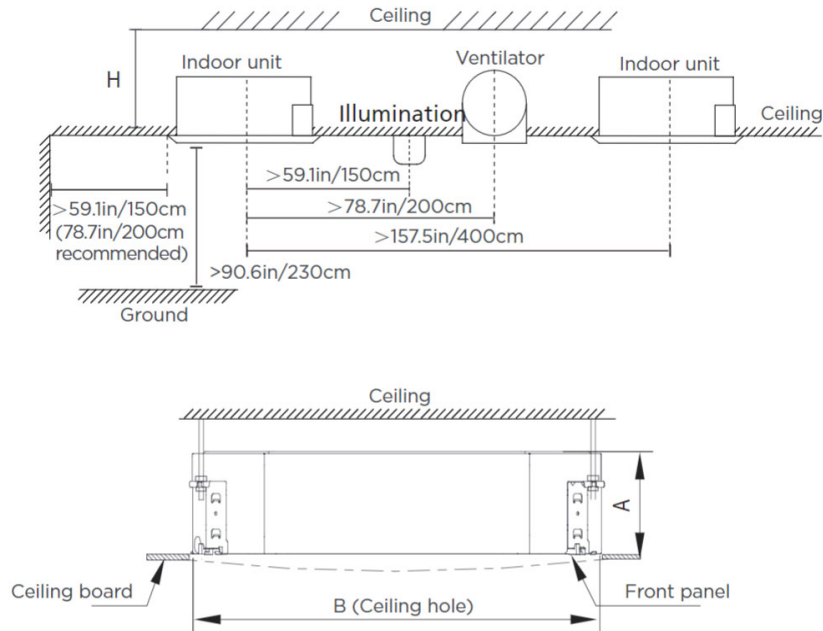|	
Liquid Size	6.35mm (1/4in)
Gas Size	9.52mm (3/8in)
Refrigerant	R454B
Connection Method	Flared

Features

- 360° Air Flow
- Remote on-off and alarm ports
- Refrigerant leakage detection sensor (Optional)
- Humidity sensor
- Built-in pump
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA (by using WiFi dongle)
- 2-pin connector (HA/HB) for programmable wired controller
- Multiple control options available:
  - Two way communication wired controller: 120N (X6)
  - Two way communication wired controller with built-in WiFi: 120N (X6W)
  - Infrared wired controller: 120L
  - Wireless remote controller
  - Third-Party 24V Thermostat*

*24V interface is required.

Indoor Unit Dimensions

9-5/8in (245mm)

Liquid side Gas side

Body

3in(⌀75mm)
Fresh air intake

22-1/2in (570mm)

20-7/8in (531mm)
21in (534mm)
22-1/2in (570mm)

20-7/8in (531mm)

1in(⌀25mm)Drain pipe

Wiring connection port

Panel

24-3/8in (620mm)

24-3/8in (620mm)

2in(50 mm)
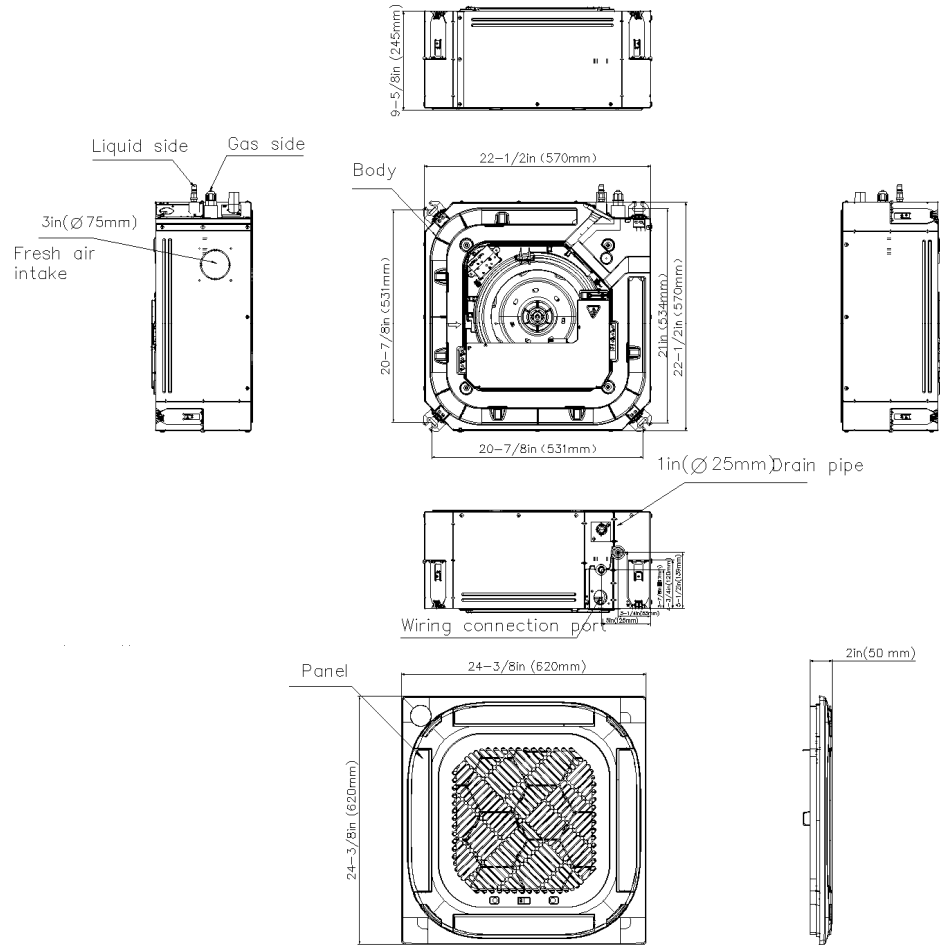
Installation Instructions

Ceiling

Indoor unit   Ventilator   Indoor unit

H   Illumination   Ceiling

>59.1in/150cm
(78.7in/200cm recommended)

>59.1in/150cm

>78.7in/200cm

>157.5in/400cm

>90.6in/230cm

Ground

Ceiling

A

Ceiling board   B (Ceiling hole)   Front panel

Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9.6in (245mm)	>10.8in (275mm)	23.6in (600mm)
24K	8.03in (205mm)	9.06in (230mm)	35.4in (900mm)
36K	9.65in (245mm)	10.7in (271mm)	
48K	11.3in (287mm)	12.3in (313mm)	