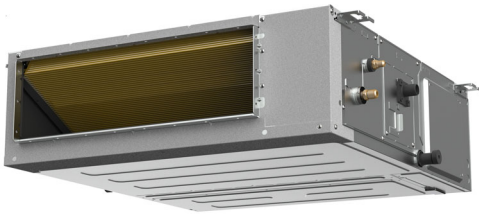


Indoor Unit Model#: ACiQ-12CD-HH-MC

12K Concealed Duct (High Static Pressure) Air Handler (Multi-Zone Systems)

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

Indoor Unit Product Code: 810175551203



INDOOR UNIT SPECIFICATIONS

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	419.1 / 350.2 / 256.0 / 216.0 / 135.4
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	NA / 32.5 / 30.5 / 28.5 / 26
Indoor static pressure range (in.w.g.)	0-0.8
Dimension (W×D×H)	inch 27.56 x 29.53 x 9.65
	mm 700.0 × 750.0 × 245.0
Package (W×D×H)	inch 36.42 x 33.46 x 11.73
	mm 925 × 850 × 298
Net/Gross Weight	lbs 64.15 / 73.85
	kg 29.1 / 33.5

ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
Connection Wiring	14#x4
Indoor Fan Motor RLA	1.5
Indoor Fan Motor W	165
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)
Connection Method	Flared
Refrigerant	R454B

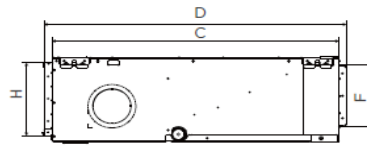
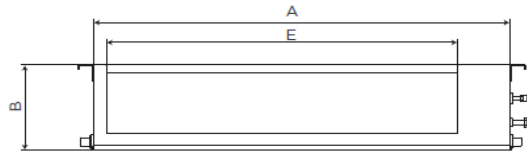
Features

- Compatible with both horizontal and vertical installation
- Static pressure up to 0.8 in.w.g (for all models)
- Static pressure setting stages: 8
- Refrigerant leakage detection sensor
- Constant airflow
- Built-in pump
- i-clean
- Fan speed stages: 1~100%
- WiFi capability: through wired controller with built-in WiFi
- OTA (by using wired controller 120N (X6W))
- 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*

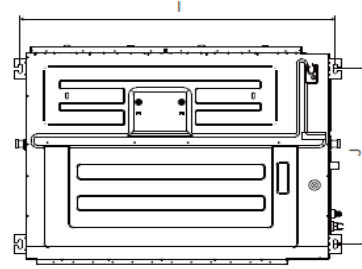
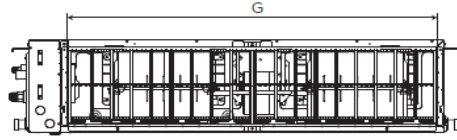
*24V interface is required.

Indoor Unit Dimensions

Air outlet dimensions



Air inlet dimensions



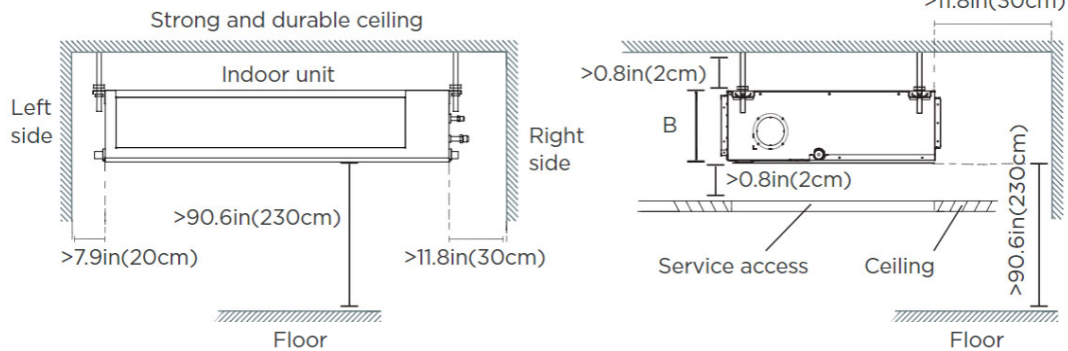
MODEL	OUTLINE DIMENSION				AIR OUTLET OPENING SIZE		AIR RETURN OPENING SIZE		SIZE OF MOUNTED LUG	
	A	B	C	D	E	F	G	H	I	J
9K/12K	27.6/700	9.6/245	29.5/750	31.3/795	20.7/527	7.0/178	23.3/592	8.3/212	29.1/740	25.2/640
18K/24K	39.4/1000	9.6/245	29.5/750	31.3/795	32.6/827	7.0/178	35.1/892	8.3/212	40.9/1040	25.2/640
36K/48K	47.2/1200	11.8/300	29.5/750	31.3/795	40.4/1027	9.2/233	43.0/1092	10.5/267	48.8/1240	25.2/640
55K/60K	55.1/1400	14.9/380	31.5/800	33.3/845	48.1/1223	12.6/320	50.1/1272	13.0/330	56.7/1440	26.3/668

Installation Instructions

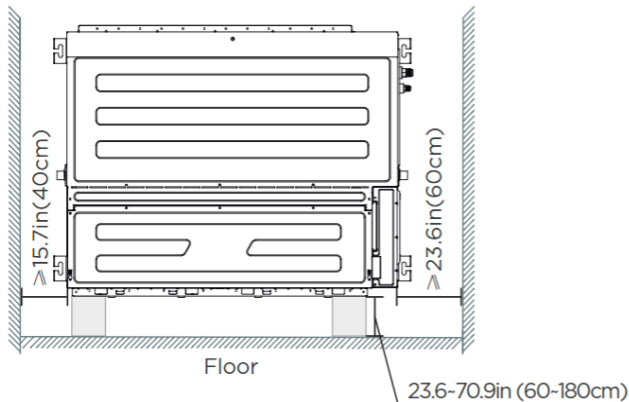
Installation place

The distance between the mounted indoor unit should meet the specifications illustrated in the following diagram.

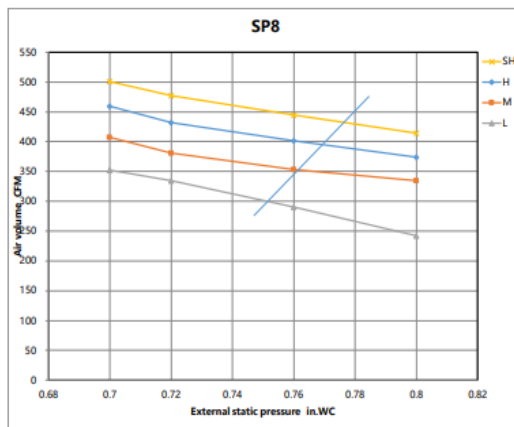
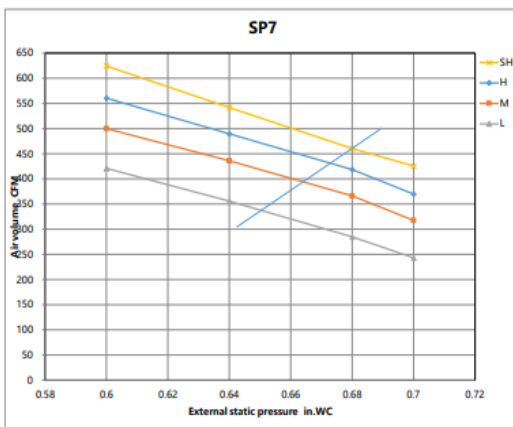
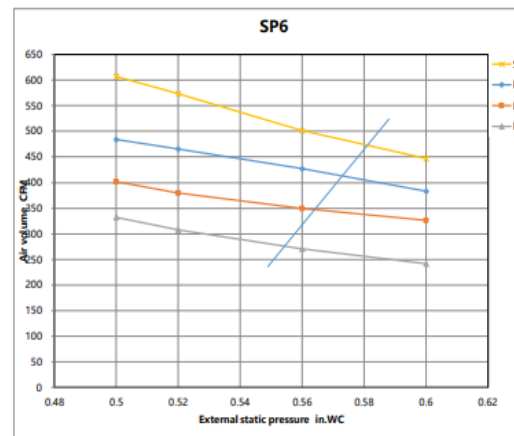
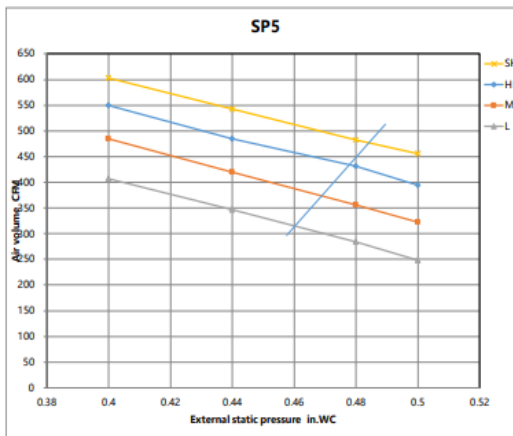
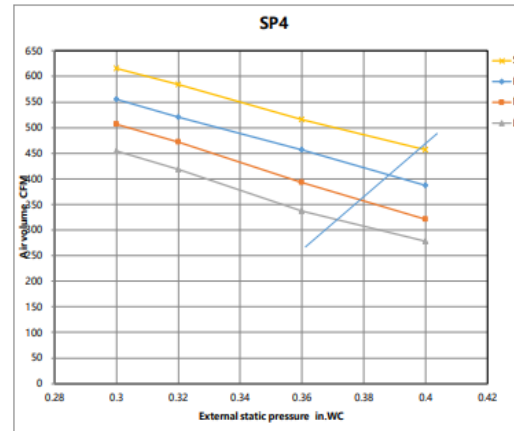
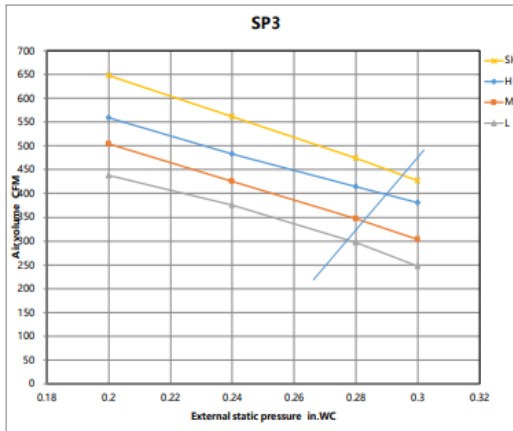
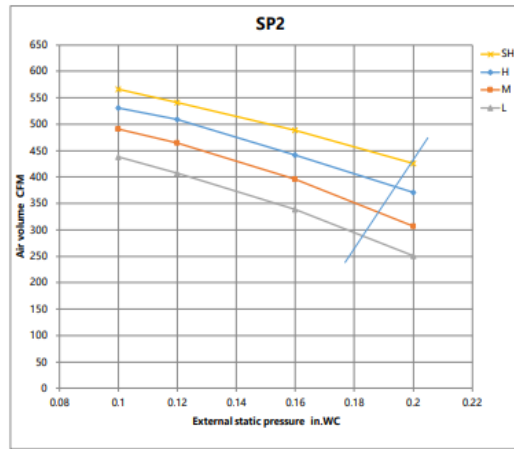
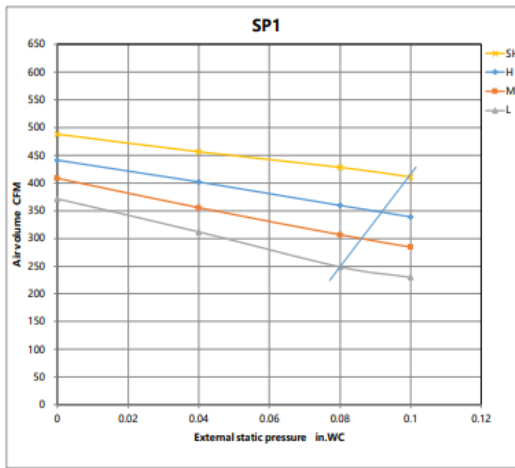
1) Ceiling-mounted



2) Wall-mounted



Indoor Unit Fan Performance



Constant air volume

