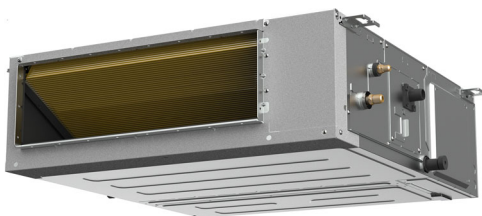


Indoor Unit Model#: ACiQ-18CD-HH-MC

18K 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: 810175551210



INDOOR UNIT SPECIFICATIONS

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	706.3 / 618.0 / 529.7 / 441.4 / NA
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	NA / 36 / 34.0 / 32.0 / 28.0
Indoor static pressure range (in.w.g.)	0-0.8
Dimension (W×D×H)	inch: 39.37 x 29.53 x 9.65 mm: 1000.0 x 750.0 x 245.0
Package (W×D×H)	inch: 48.23 x 33.86 x 11.97 mm: 1225 x 860 x 304
Net/Gross Weight	lbs: 79.81 / 91.27 kg: 36.2 / 41.4

ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
Connection Wiring	14#x4
Indoor Fan Motor RLA	1.8
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	12.7mm (1/2in)
Connection Method	Flared
Refrigerant	R454B

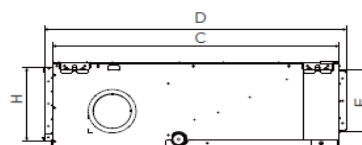
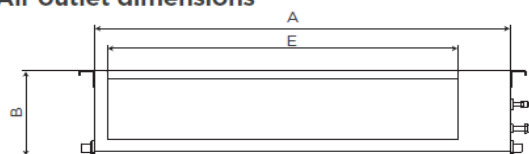
Features

- 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*

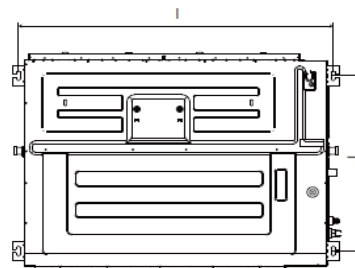
*24V interface is required.

Indoor Unit Dimensions

Air outlet dimensions



Air inlet dimensions



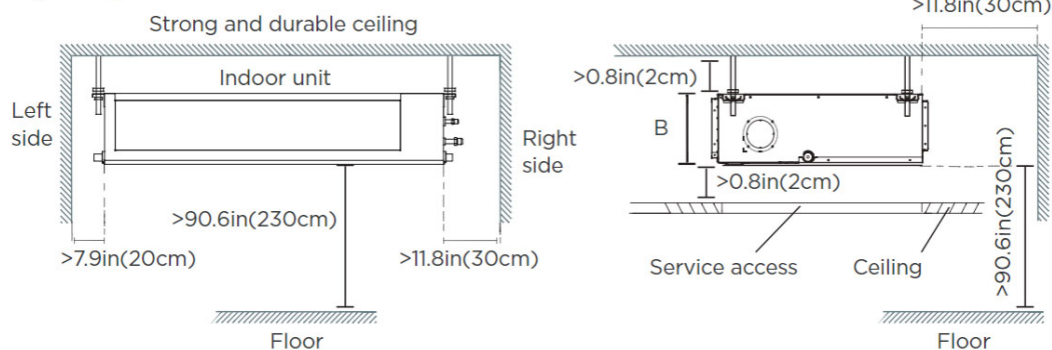
MODEL	OUTLINE DIMENSION				AIR OUTLET OPENING SIZE		AIR RETURN OPENING SIZE		SIZE OF MOUNTED LUG	
	A	B	C	D	E	F	G	H	I	J
9K/12K	27.6/700	9.6/245	29.5/750	31.3/795	20.7/527	7.0/178	23.3/592	8.3/212	29.1/740	25.2/640
18K/24K	39.4/1000	9.6/245	29.5/750	31.3/795	32.6/827	7.0/178	35.1/892	8.3/212	40.9/1040	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

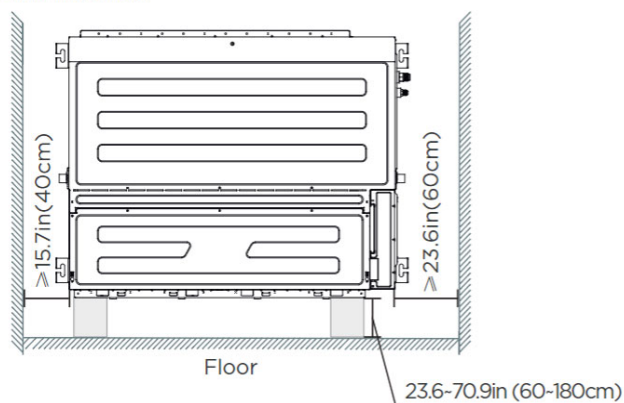
Installation place

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

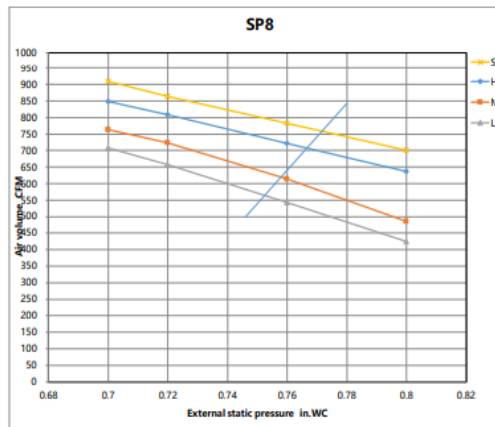
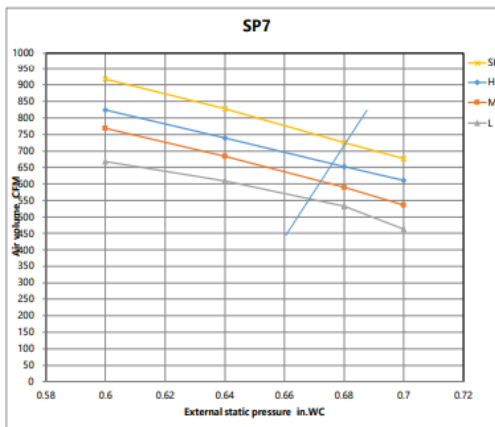
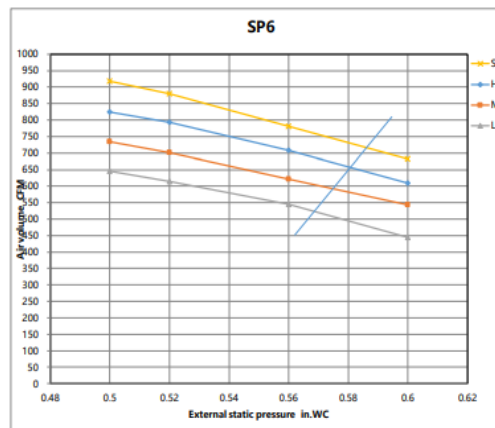
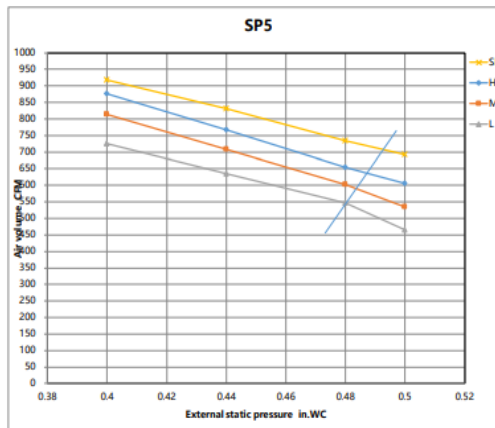
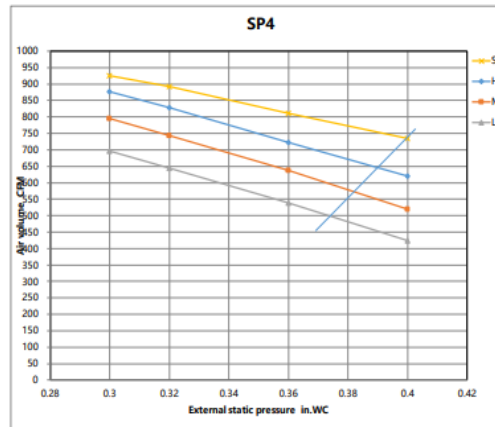
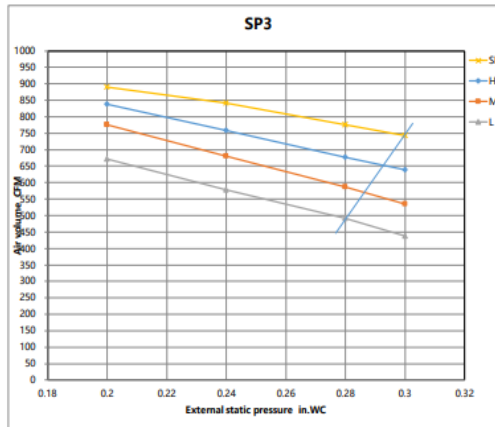
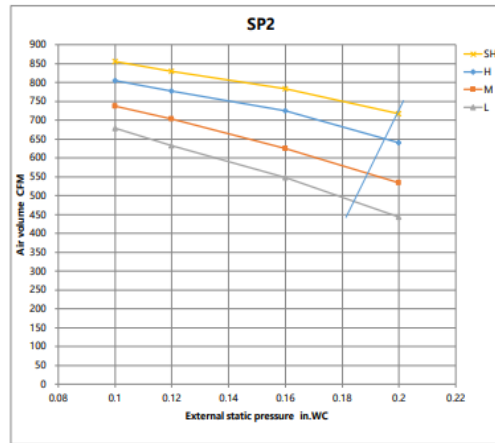
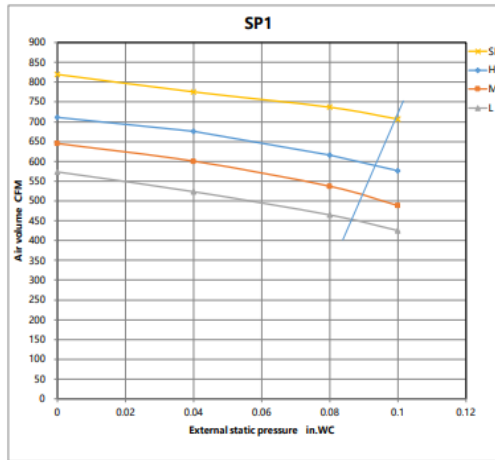
1) Ceiling-mounted



2) Wall-mounted



Indoor Unit Fan Performance



Constant air volume

