



Submittal Data Sheet

Indoor Unit Model#: SCC-0609-HH-MB

Outdoor Unit Model#: ACiQ-09ZPL-HP230C

Slim Ceiling Cassette Heat Pump System

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



EFFICIENCY RATINGS			
Cooling		Heating	
SEER2	24.0	HSPF2-4	12.1
EER2	14.6	COP	3.71

COOLING PERFORMANCE	
Cooling (Btu/hr)	
Rated Capacity	9000
Min/Max Capacity	4000~12900
Moisture Removal (L/h)	0.98
Standard Operating Range (°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

HEATING PERFORMANCE	
Heating (Btu/hr)	
1. @ 47°F Rated	10900
1. @ 47°F Min/Max Capacity	3800~13900
2. @ 17°F Rated	9000
3. @ 5°F Rated: Capacity / COP	10600 / 1.83
3. @ 5°F Max: Capacity	10600
Standard Operating Range (°F/°C)	-22~75 (-30~24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

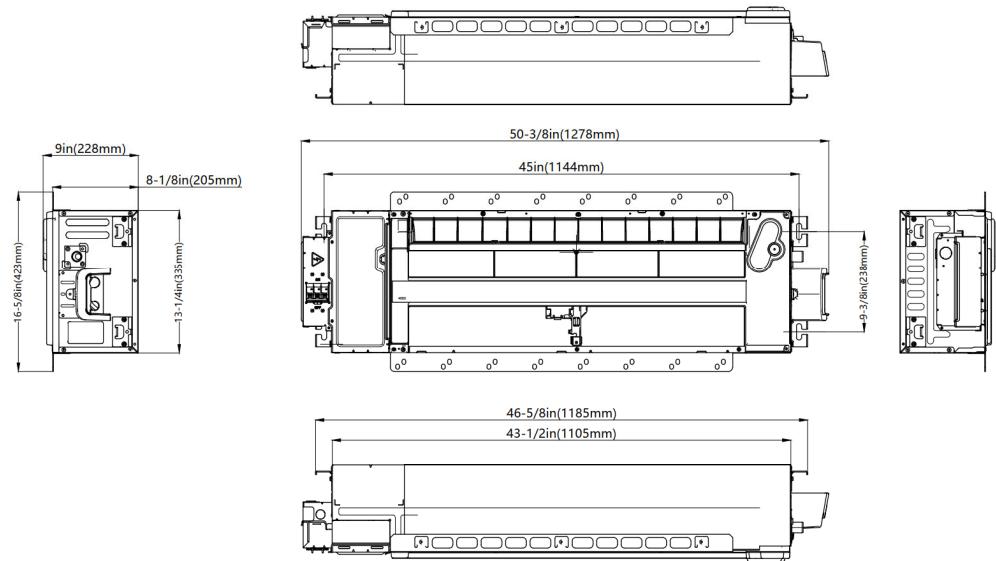
INDOOR UNIT SPECIFICATIONS		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	353.2 / 312.0 / 282.5 / 247.2 / 176.6	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	NA / 38 / 36 / 33 / 24	
Dimension (WxDxH)	inch	50.31 x 13.19 x 8.98
	mm	1278.0 x 335.0 x 228.0
Package (WxDxH)	inch	57.60 x 22.48 x 22.64
	mm	1463 x 571 x 575
Net/Gross	lbs	45.19 / 82.45
Weight	kg	20.5 / 37.4

OUTDOOR UNIT SPECIFICATIONS		
Compressor Type	ROTARY	
Compressor Model	KTN110D42UFZ	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	350	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	1471.5	
Outdoor Noise Level (dBA)	54.5	
Dimension (WxDxH)	inch	31.69 x 12.99 x 21.81
	mm	805.0 x 330.0 x 554.0
Package (WxDxH)	inch	36.02 x 14.57 x 24.21
	mm	915 x 370 x 615
Net/Gross	lbs	72.75 / 78.70
Weight	kg	33 / 35.7

ELECTRICAL SPECIFICATIONS	
Power Supply	208/230V,60Hz,1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOP	15
Compressor RLA	10.4
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	610 (147 ~ 1150)
System Power Input @ Heating (W)	860 (300 ~ 1350)
MCA: Min. circuit amps (A)	MOP: Max. overcurrent protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS	
Throttle type (Indoor)	N/A
Throttle type (Outdoor)	EXV
Liquid Size	6.35mm (1/4in)
Gas Size	9.52mm (3/8in)
Max. Piping Length (ft/m)	82.02 (25)
Max. Height Difference (ft/m)	49.21 (15)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/kg)	35.27 (1.00)
Additional Charge of Refrigerant ((oz/ft)/(g/m))	0.16 (15)
Connection Method	Flared

Indoor Unit Dimensions

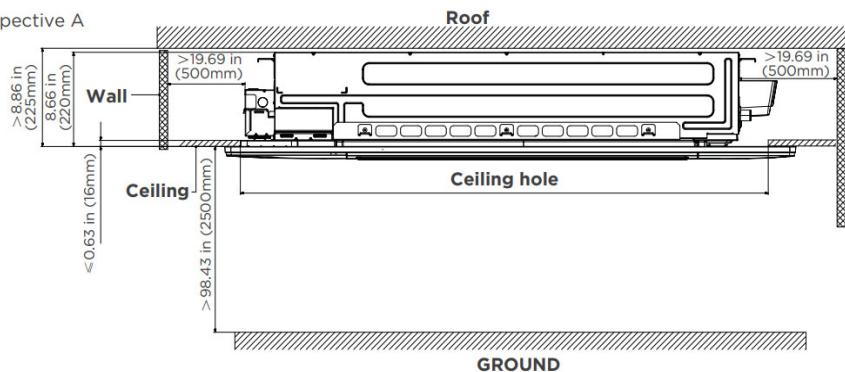


Indoor Unit Installation Instructions

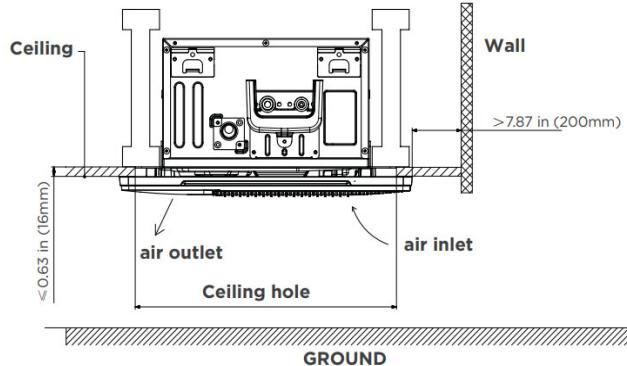
Installation place

(unit: inch/mm)

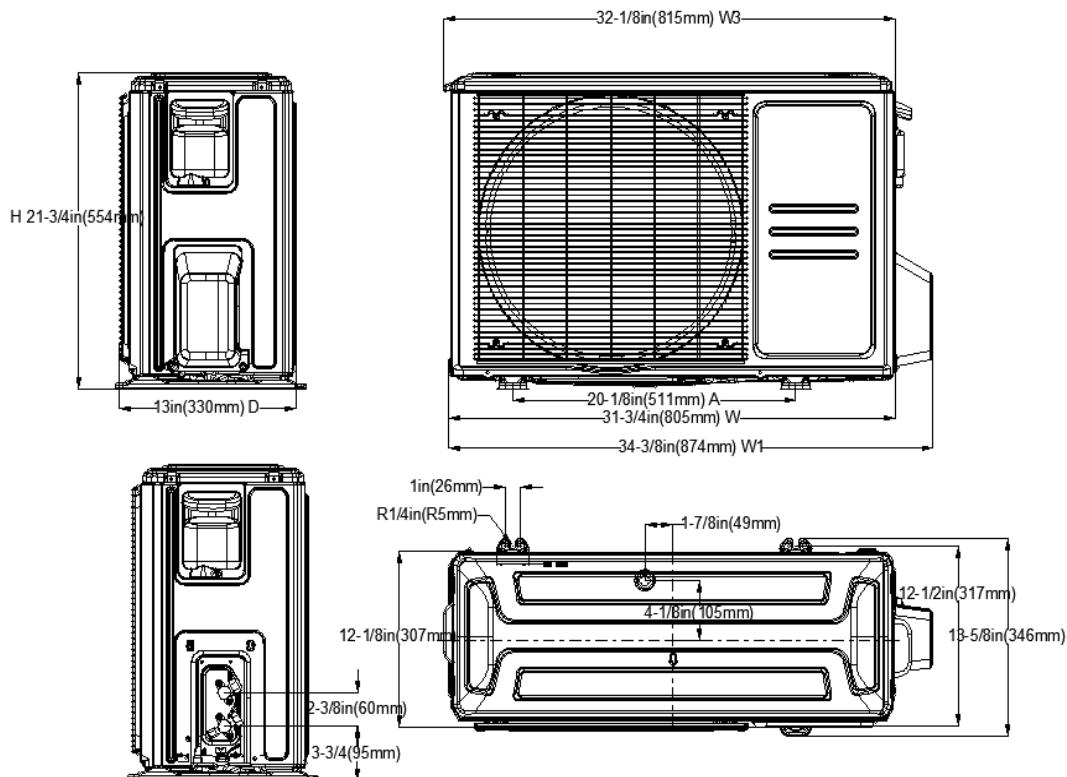
Perspective A



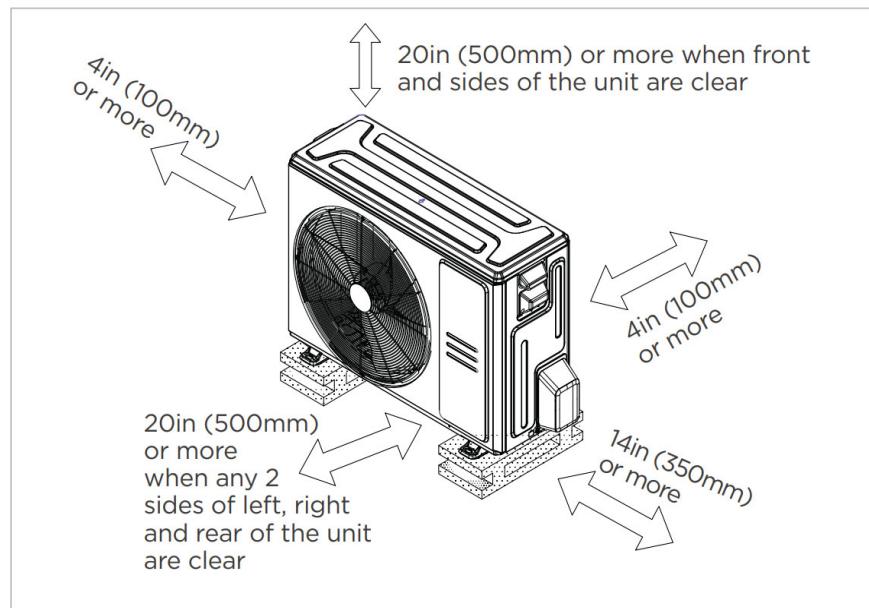
Perspective B



Outdoor Unit Dimensions



Outdoor Unit Installation Instructions



Meets all spatial requirements shown in Installation Clearance Requirements above.

Features

- Designed to fit between both I-joist spacing and traditional joist spacing
- Elevation panel
- Refrigerant leakage detection sensor (Optional)
- Humidity sensor
- Built-in pump
- Built-in circuit breaker
- 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.