

SUBMITTAL DATA SHEET



Series Name: One Way Cassette Hyper Heat Series
 Model Number: CCOXHBSZ09HP/CCOXHB1C09

One Way Cassette Heat Pump System

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



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	341.4 / 294.3 / 259.0 / 235.4 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	N/A/38/36/33/24
Dimensions WxDxH (inches)	50.31 x 13.19 x 8.98
Package WxDxH (inches)	57.60 x 22.48 x 22.64
Net/Gross Weight lbs.	45.19/82.45

OUTDOOR SPECIFICATION

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
Dimensions WxDxH (inches)	31.69 x 12.99 x 21.81
Package WxDxH (inches)	36.02 x 14.57 x 24.21
Net/Gross Weight lbs.	72.75/78.70

EFFICIENCY

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

COOLING PERFORMANCE (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 (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

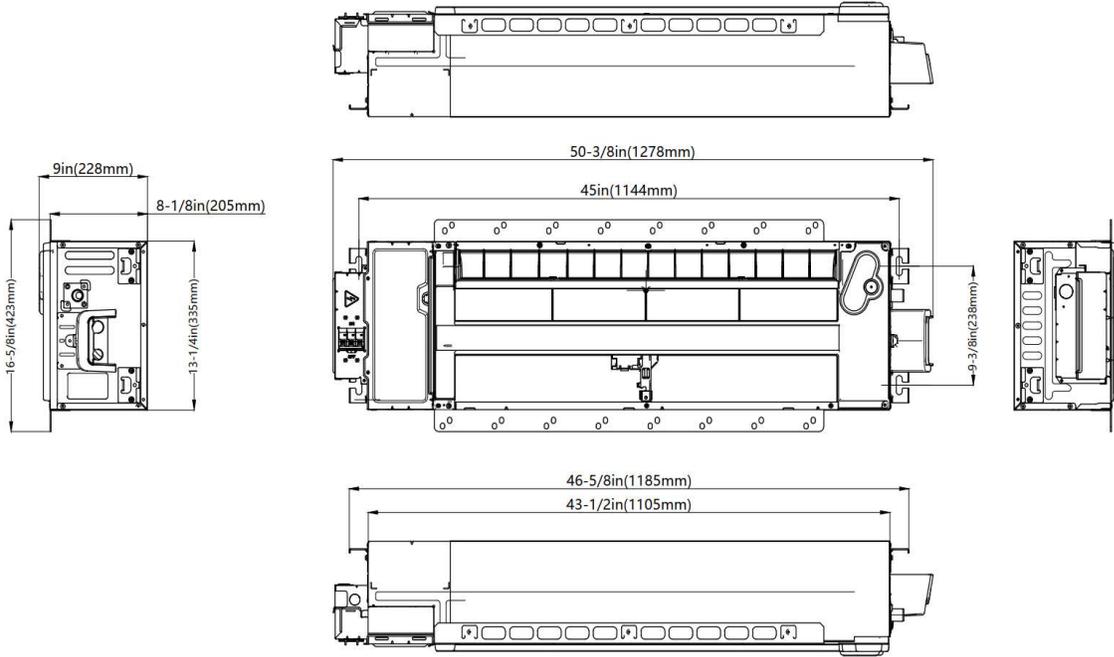
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	10.4
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.8
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)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

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 (oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

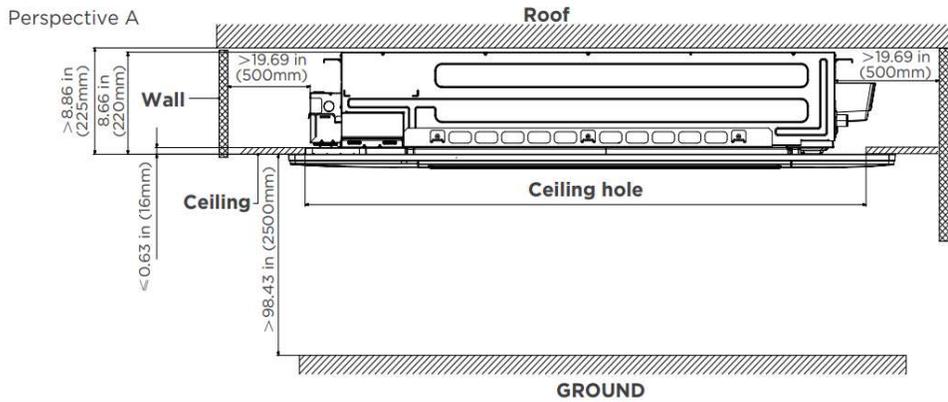
Indoor Unit Dimensions



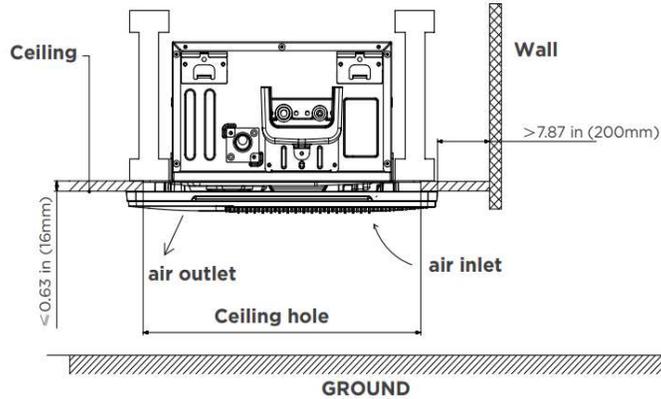
Indoor Unit Clearances

Installation place

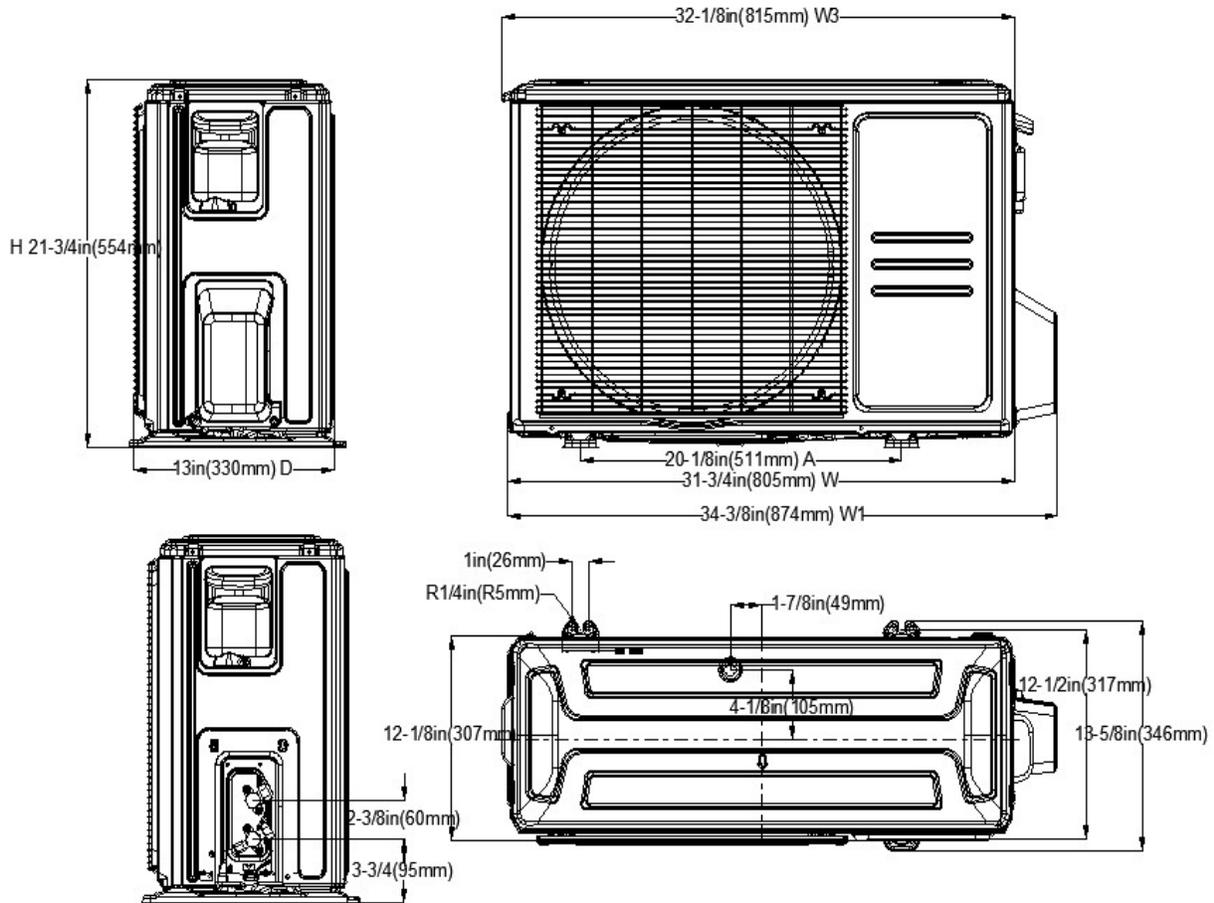
(unit: inch/mm)



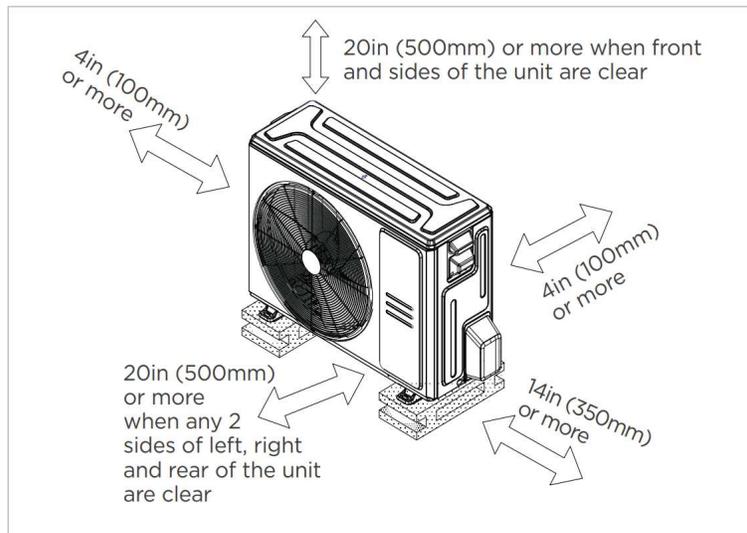
Perspective B



Outdoor Unit Dimensions



Outdoor Unit Clearances



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.