

SUBMITTAL DATA SHEET

Series Name: One Way Cassette Hyper Heat Series
 Model Number: CCOXHBS206HP/CCOXHB1C06



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)	46.5/37.5/35.5/26/23.5
Dimensions W×D×H (inches)	50.31 x 13.19 x 8.98
Package W×D×H (inches)	57.60 x 22.48 x 22.64
Net/Gross Weight lbs.	45.19/82.45

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KSK103D33UEZ3
Refrigerant	R454B
Refrigerant Oil Charge(mL)	310
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1236.1
Outdoor Noise Level (dBA)	53.5
Dimensions W×D×H (inches)	30.12 x 11.93 x 21.85
Package W×D×H (inches)	34.92 x 13.27 x 24.02
Net/Gross Weight lbs.	62.17/67.68

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	12.00
Connection Wiring	14#x4
System MOC	15
Compressor RLA	7.3
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)	427(155 ~ 680)
System Power Input @ Heating (W)	578(290 ~950)
MCA: Min. circuit amps (A)	MOC: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

EFFICIENCY

Cooling		Heating	
SEER2	22.0	HSPF2-4	12.0
EER2	15	COP	3.75

Cooling (Btu/hr)

Rated Capacity	6500
Min/Max Capacity	3600~11200
Moisture Removal(L/h)	0.34
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 (Btu/hr)

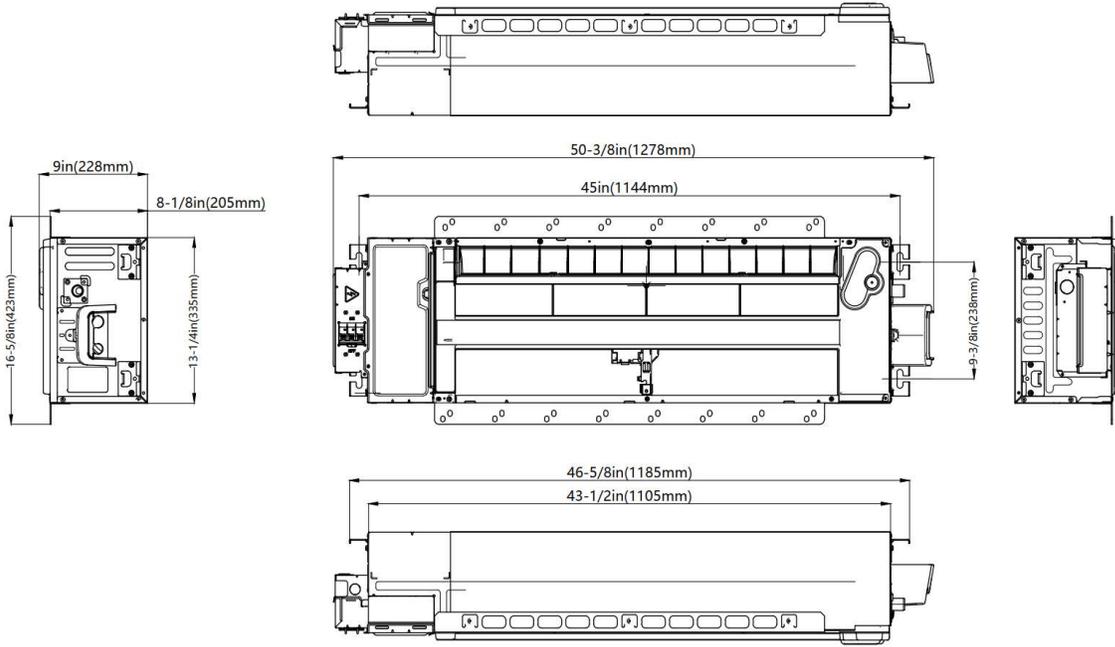
1. @ 47°F Rated	7400
1. @ 47°F Min/Max Capacity	3700~11500
2. @ 17°F Rated	7000
3. @ 5°F Rated: Capacity / COP	8100/2.40
3. @ 5°F Max: Capacity	8100
Standard Operating Range(°F/°C)	-22~75(-30~24)

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

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)	32.45(0.92)
Additional Charge (oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

Indoor Unit Dimensions

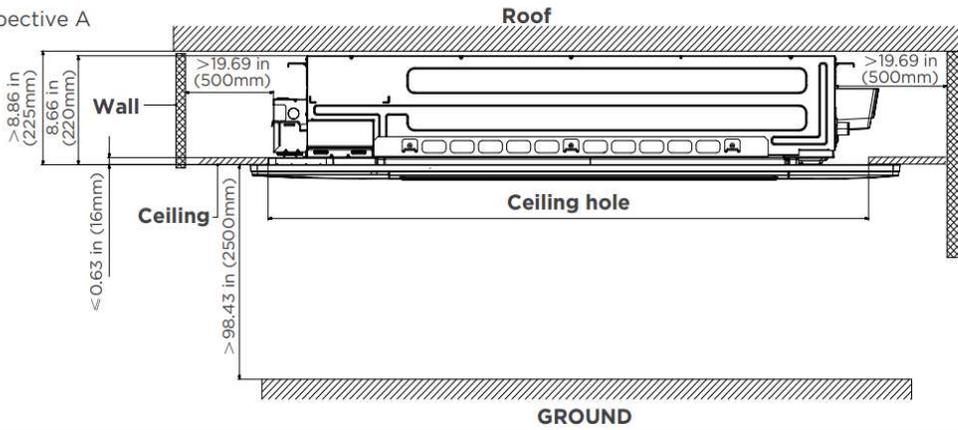


Indoor Unit Clearances

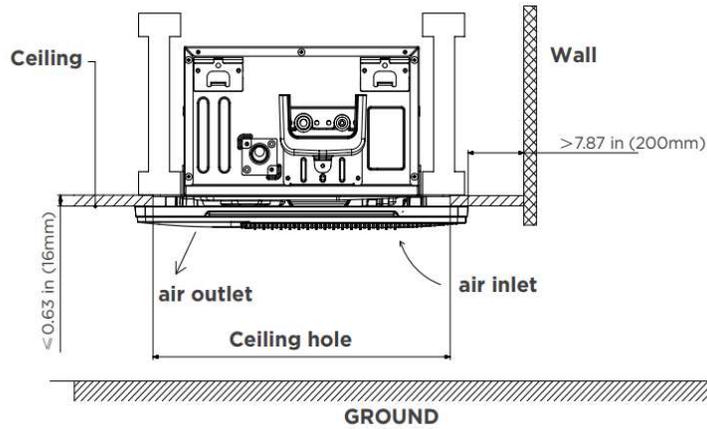
Installation place

(unit: inch/mm)

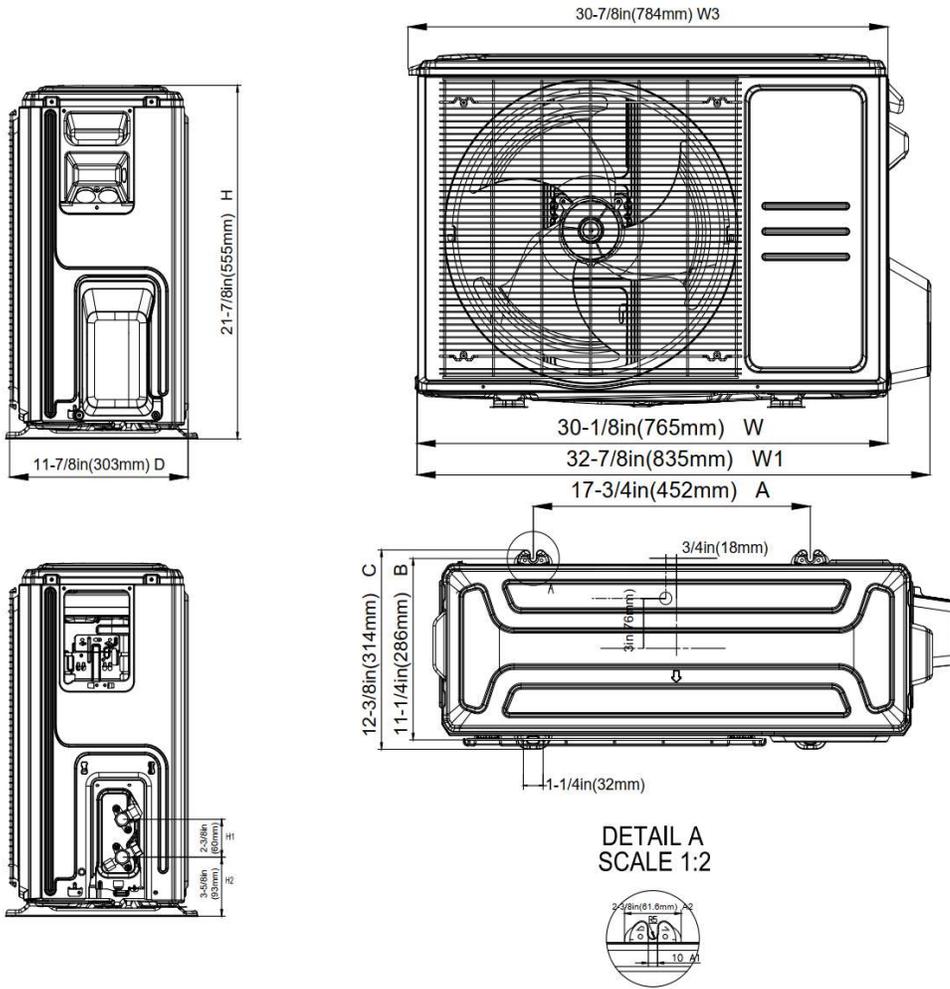
Perspective A



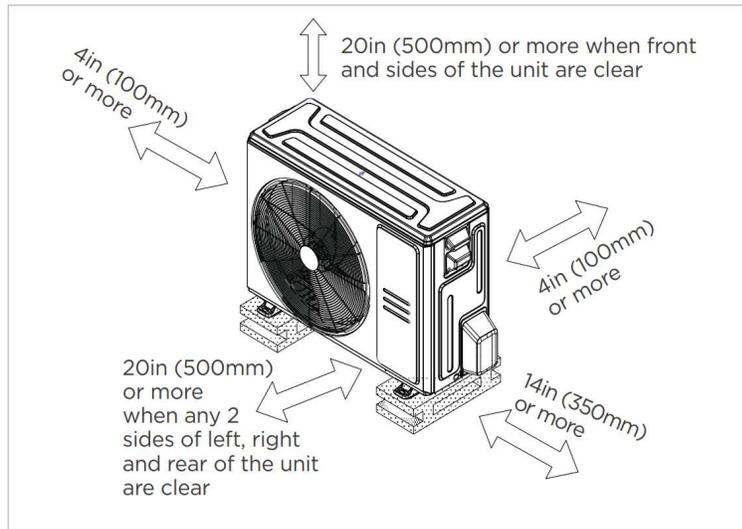
Perspective B



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.