

SUBMITTAL DATA SHEET



Series Name: One Way Cassette Hyper Heat Series
Model Number: CCOXHSZ12HP/CCOXHB1C12

One Way Cassette Heat Pump System

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



INDOOR SPEINDOOR SPECIFICATIONCIFICATION

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)	N/A/41/37/33/24
Dimension (WxDxH)	inch 50.31 x 13.19 x 8.98
Package (WxDxH)	inch 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)	56
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	23	HSPF2-4	10.0
EER2	13	COP	3.56

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	12000
Min/Max Capacity	4000~13900
Moisture Removal(L/h)	1.69
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	12500
1. @ 47°F Min/Max Capacity	4600~15200
2. @ 17°F Rated	9600
3. @ 5°F Rated: Capacity / COP	11500/2.0
3. @ 5°F Max: Capacity	11500
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

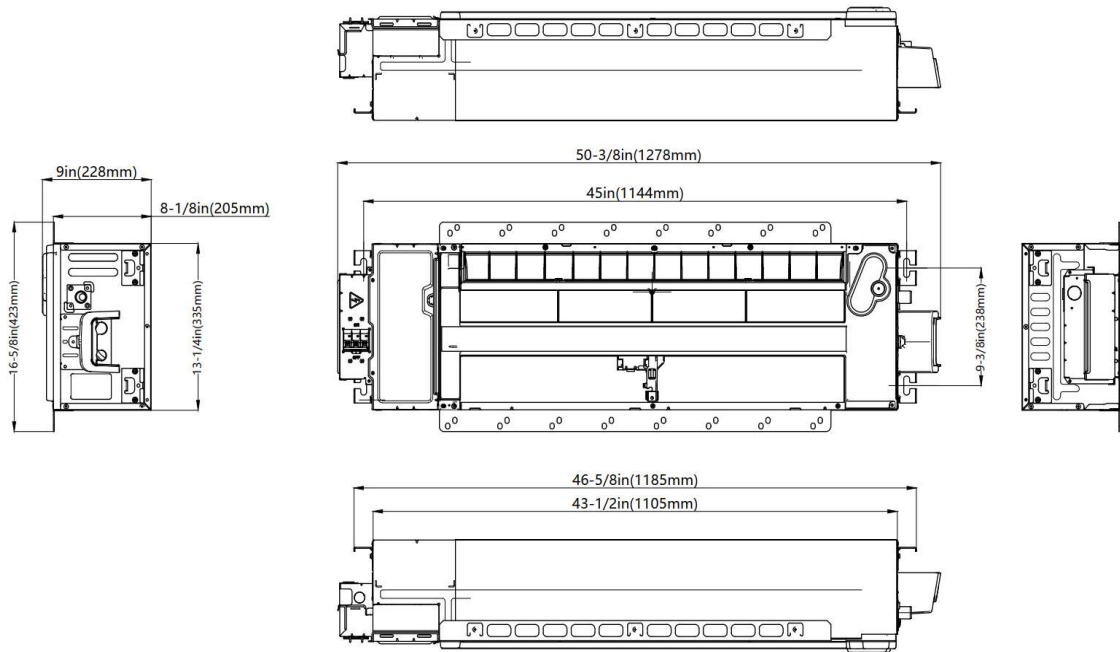
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOC	15
Compressor RLA	11.6
Outdoor Fan Motor RLA	0.5
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	923(147 ~ 1230)
System Power Input @ Heating (W)	1030(362 ~1377)
MCA: Min. circuit amps (A)	MOC: 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

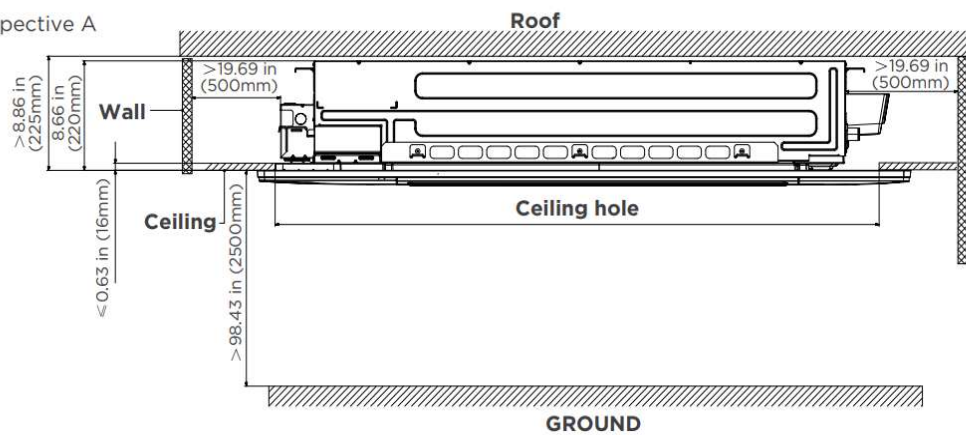


Indoor Unit Clearances

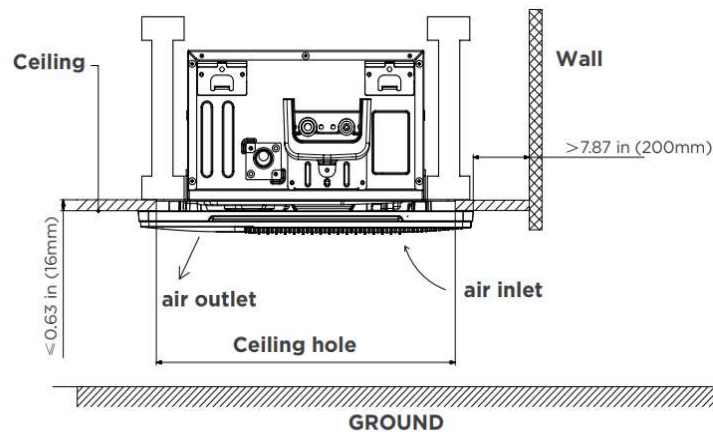
Installation place

(unit: inch/mm)

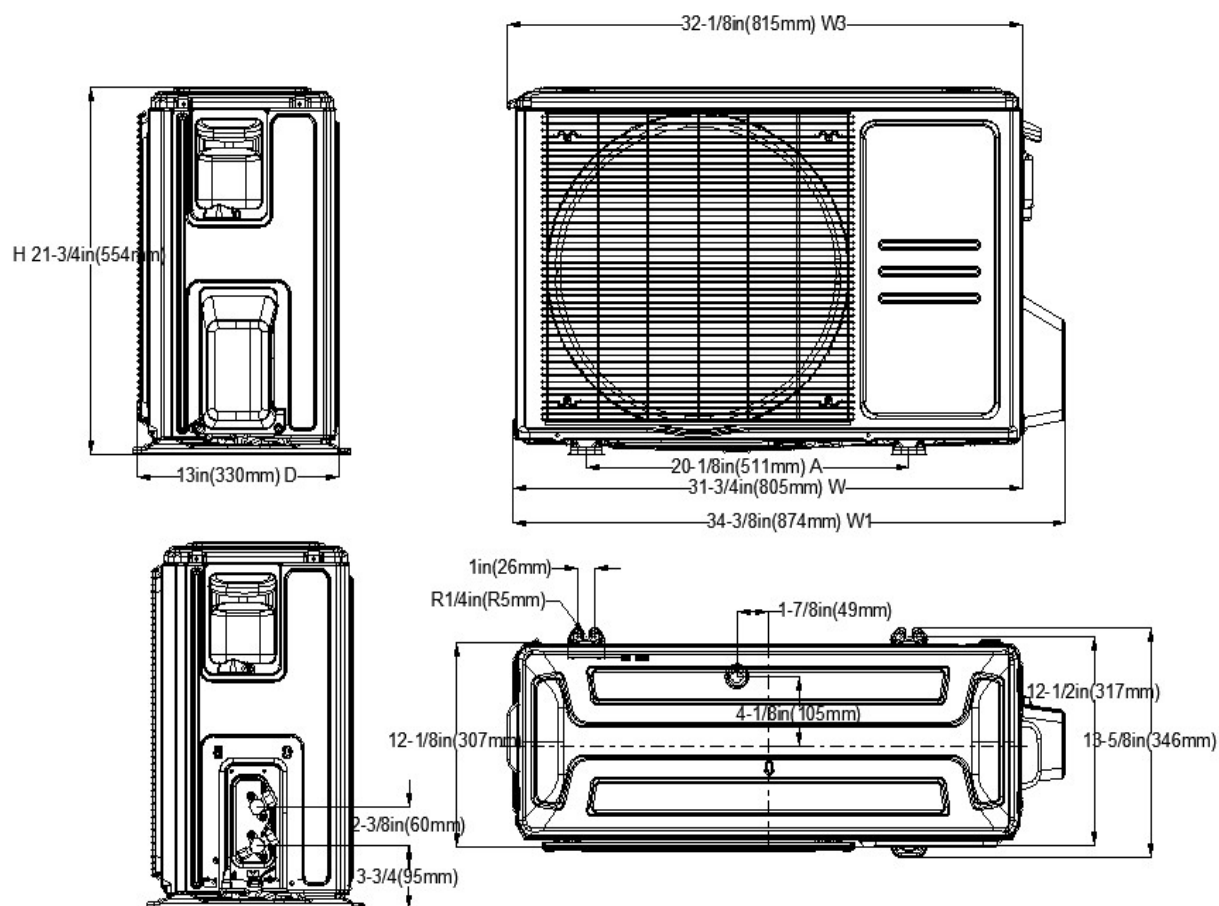
Perspective A



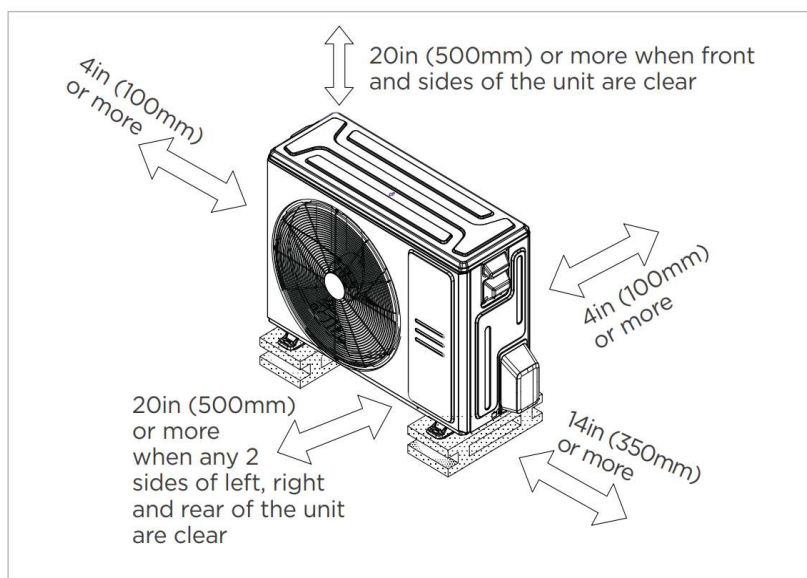
Perspective B



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.