

SUBMITTAL DATA SHEET



Series Name: One Way Cassette Hyper Heat Series
 Model Number: CCOXHB5Z17HP/CCOXHB1C18

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)	400.2 / 352.0 / 300.2 / 207.2 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	N/A/44/41.5/31/26
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.	45.19/82.89

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1765.8
Outdoor Noise Level (dBA)	59.0
Dimensions WxDxH (inches)	35.04 x 13.46 x 26.50
Package WxDxH (inches)	39.17 x 15.67 x 29.13
Net/Gross Weight lbs.	99.87/107.80

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	19.00
Connection Wiring	14#x4
System MOC	20
Compressor RLA	11.7
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	1.2
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	1337(550 ~ 1700)
System Power Input @ Heating (W)	1950(850 ~1990)
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	20.6	HSPF2-4	12.2
EER2	12.5	COP	3.01

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	16700
Min/Max Capacity	5700~19000
Moisture Removal(L/h)	2.05
Standard Operating Range(°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

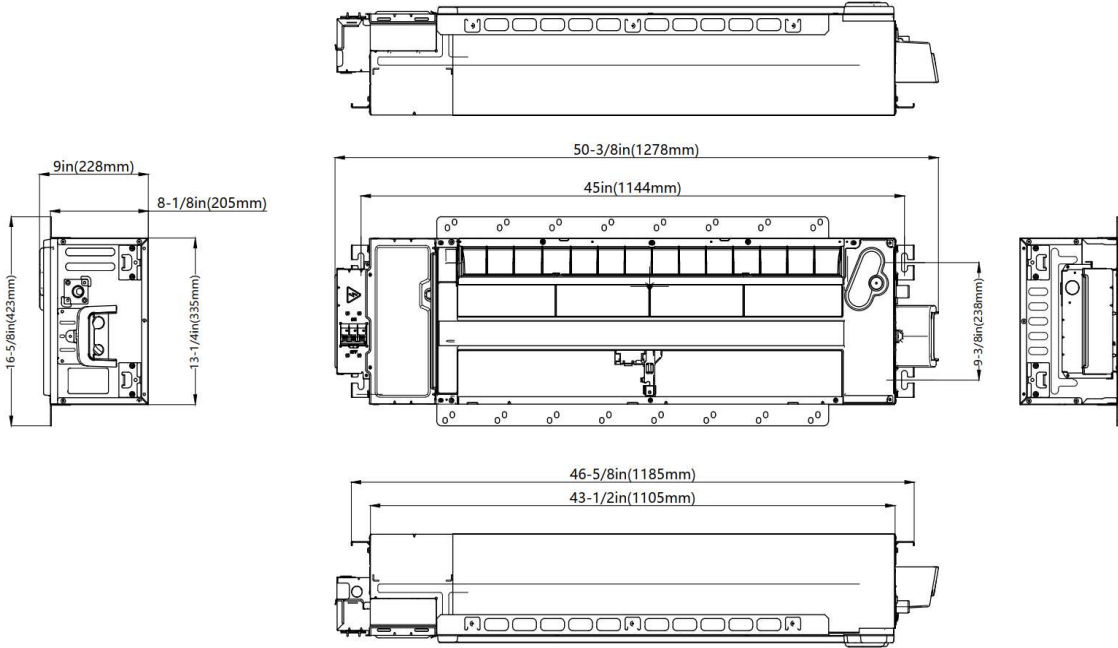
HEATING PERFORMANCE (Btu/hr)

1. @ 47°F Rated	20000
1. @ 47°F Min/Max Capacity	8900~22000
2. @ 17°F Rated	14500
3. @ 5°F Rated: Capacity / COP	17500/1.89
3. @ 5°F Max: Capacity	17500
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+Throttle valve
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	98.43(30)
Max. Height Difference(ft/m)	65.62(20)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	55.38(1.57)
Additional Charge(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

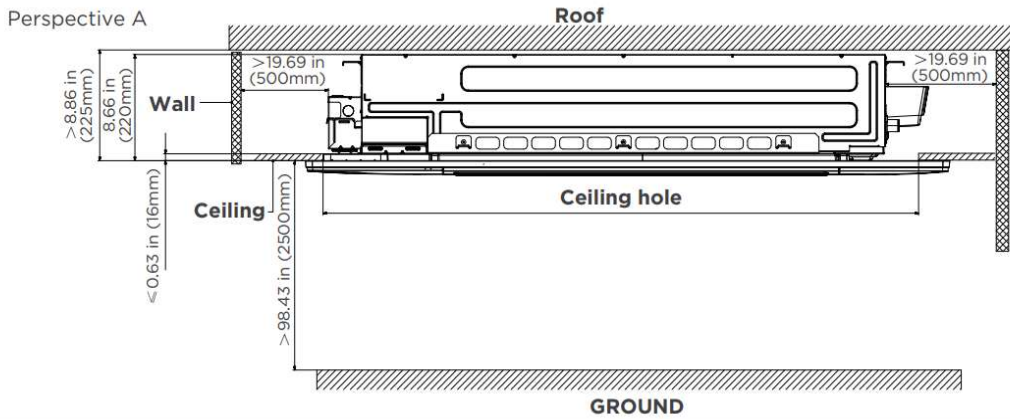
Indoor Unit Dimensions



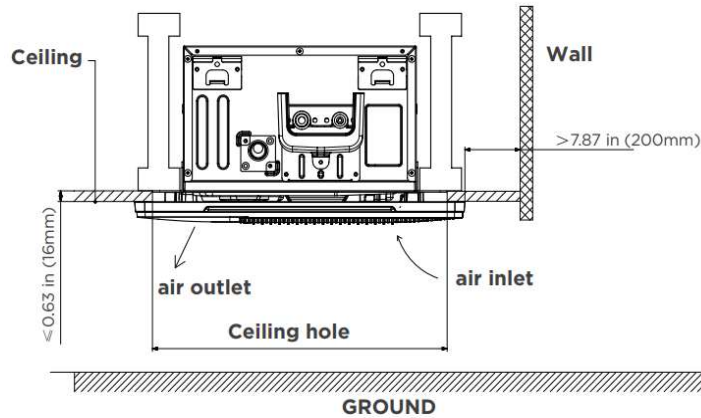
Indoor Unit Clearances

Installation place

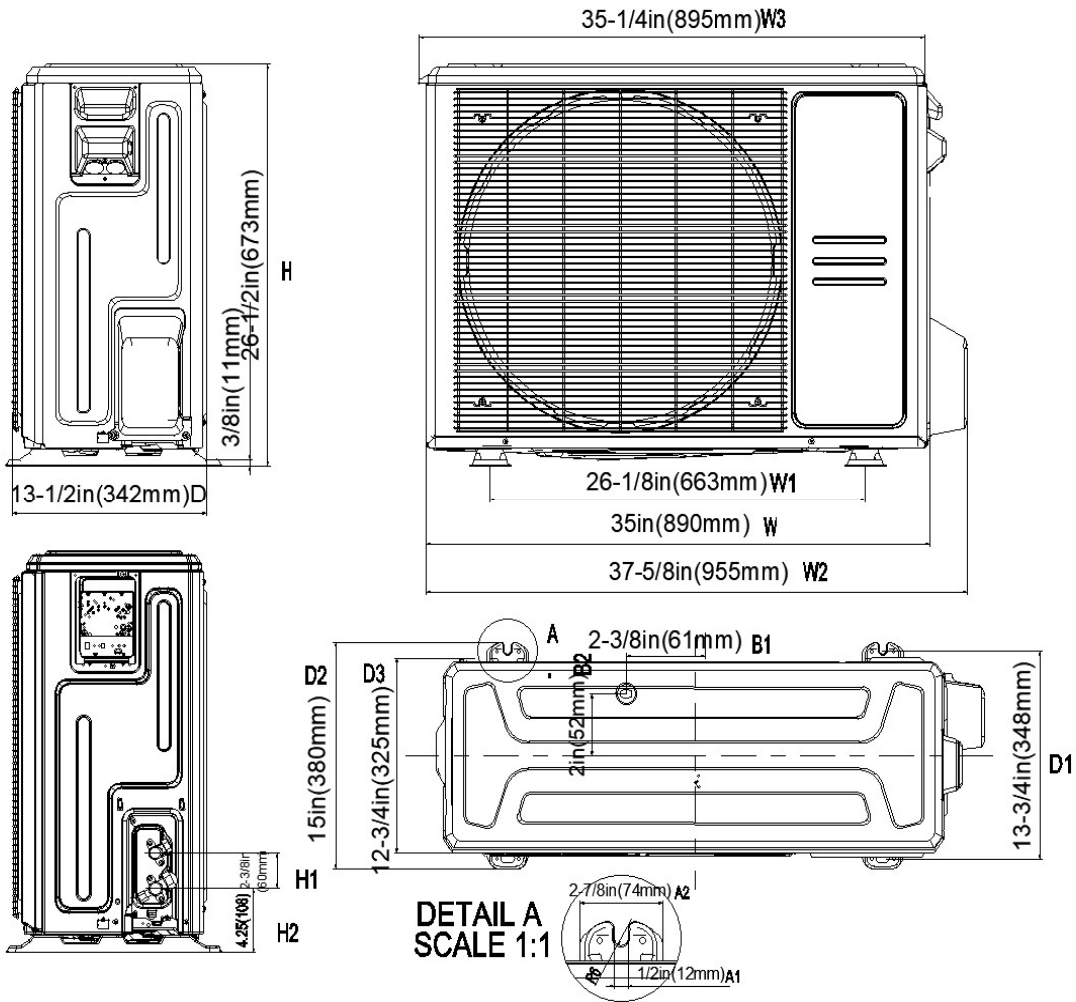
(unit: inch/mm)



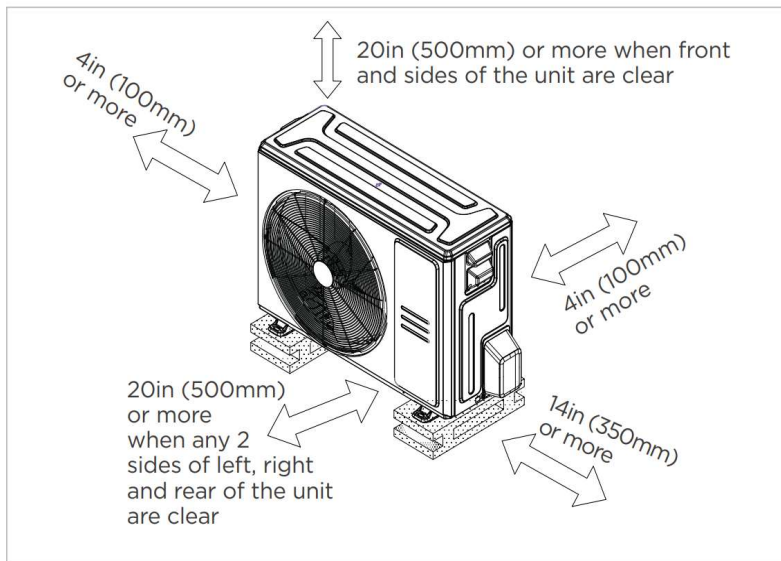
Perspective B



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.