

SUBMITTAL DATA SHEET



Series Name: Console Hyper Heat Series
Model Number: CCOXHBSZ12HP/CCOXHBFM12

Console 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)	441.4 / 376.7 / 323.7 / 188.4 / 129.5
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	44/40.5/37.0/26.5/24.00
Dimensions W×D×H (inches)	31.26 x 7.87 x 24.45
Package W×D×H (inches)	34.06 x 11.02 x 28.31
Net/Gross Weight lbs.	32.85/41.89

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTN110D42UFZ
Refrigerant	R454B
Refrigerant Oil Charge(mL)	350
Refrigerant Oil	6.0
Outdoor Air Flow (Max) (CFM)	1471.5
Outdoor Noise Level (dBA)	55.5
Dimensions W×D×H (inches)	31.69 x 12.99 x 21.81
Package W×D×H (inches)	36.02 x 14.57 x 24.21
Net/Gross Weight lbs.	72.75/78.70

EFFICIENCY

Cooling		Heating	
SEER2	25.0	HSPF2-4	10.5
EER2	12.5	COP	3.88

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	12000
Min/Max Capacity	3700~14000
Moisture Removal(L/h)	1.48
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	12000
1. @ 47°F Min/Max Capacity	4400~16100
2. @ 17°F Rated	9800
3. @ 5°F Rated: Capacity / COP	11300/1.88
3. @ 5°F Max: Capacity	11300
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

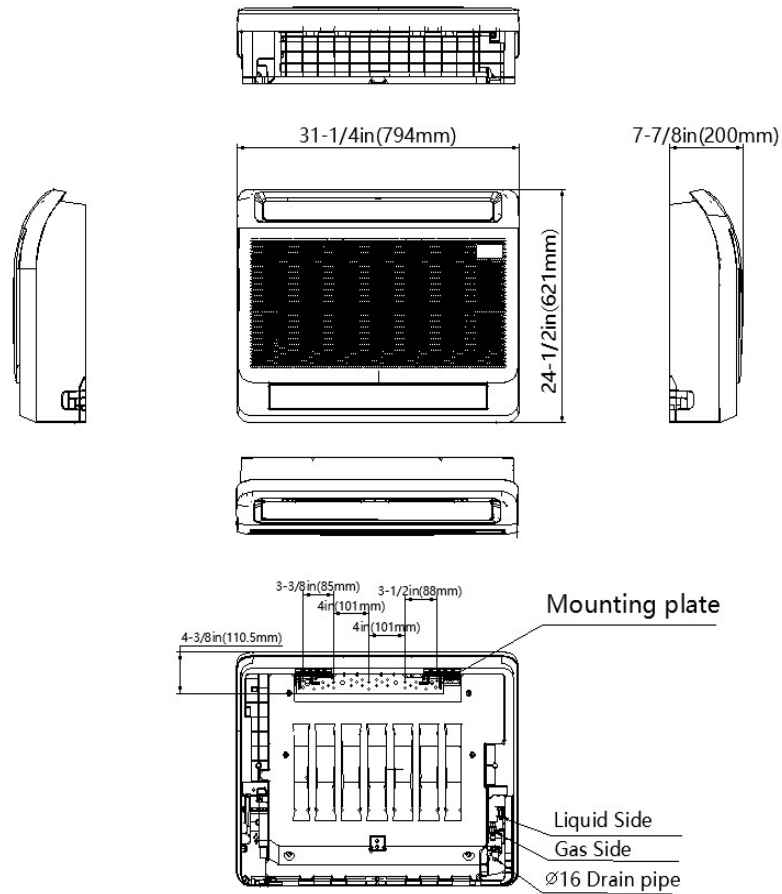
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	11.6
Outdoor Fan Motor RLA	0.5
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	945(190 ~ 1150)
System Power Input @ Heating (W)	906(260 ~1350)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

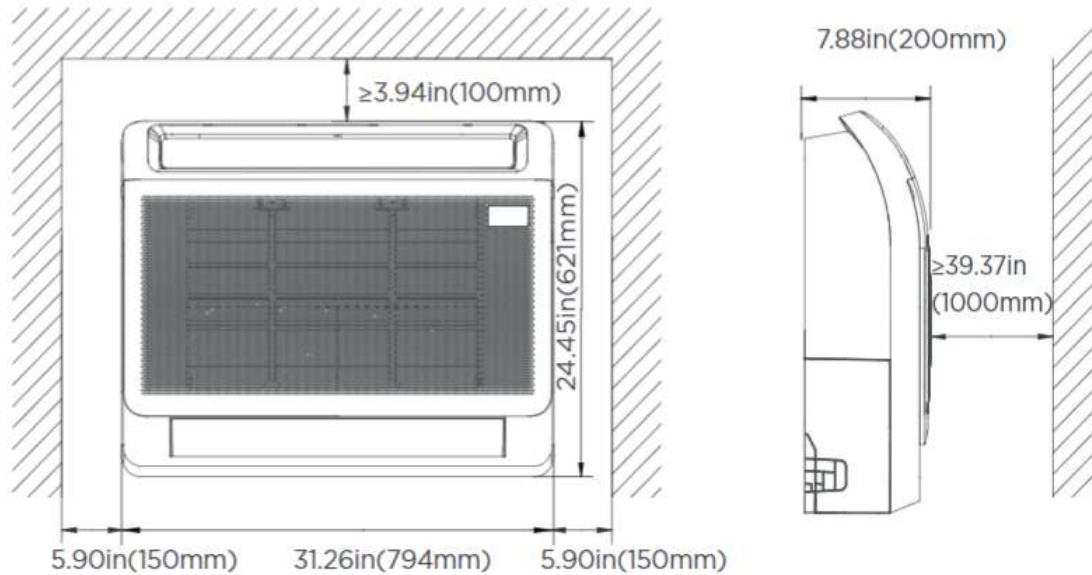
PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(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

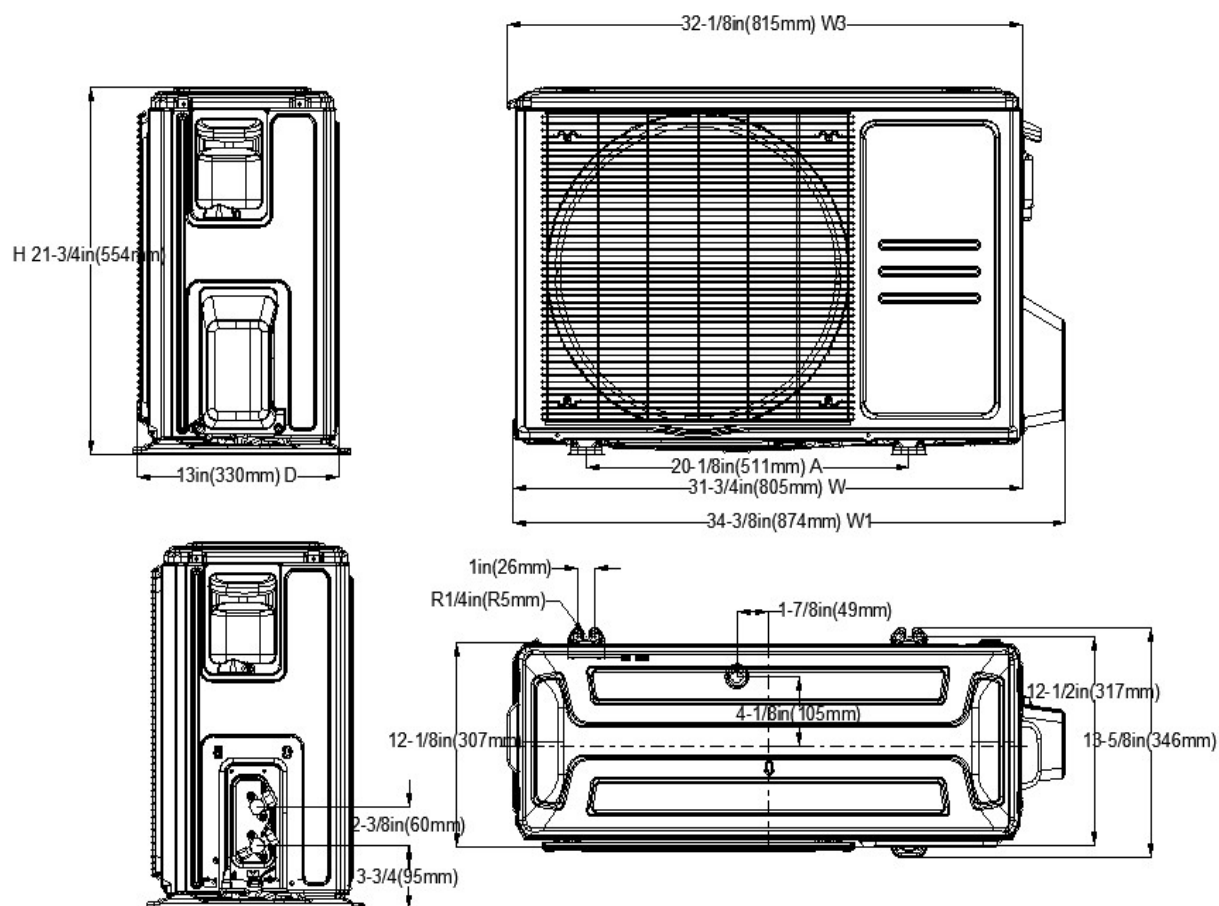
Indoor Unit Dimensions



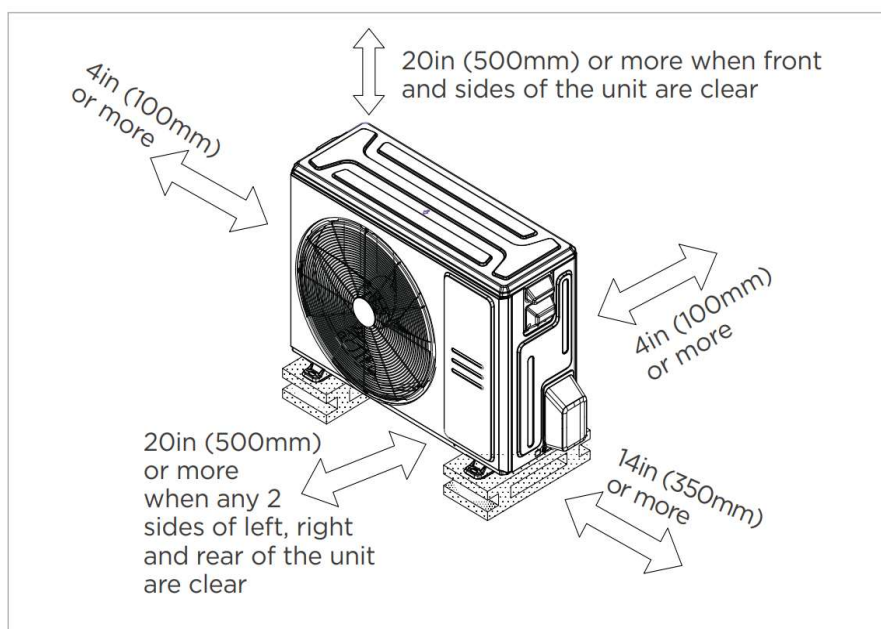
Indoor Unit Clearances



Outdoor Unit Dimensions



Outdoor Unit Clearances



✓ Meets all spatial requirements shown in Installation Clearance Requirements above.

Features

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 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.