

# SUBMITTAL DATA SHEET



Series Name: EP Hyper Heat Series  
Model Number: CCOXHBSZ24HP/CCOXHBWM24

## High Wall 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)	812.3 / 618.0 / 412.0 / 317.8 / 317.8
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	54.5/43.5/38.5/27/16
Dimensions W×D×H (inches)	46.85x11.20x14.59
Package W×D×H (inches)	50.39x14.17x17.91
Net/Gross Weight lbs.	43.65/55.56

### OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2235.3
Outdoor Noise Level (dBA)	61.5
Dimensions W×D×H (inches)	37.24 x 16.14 x 31.89
Package W×D×H (inches)	42.91 x 19.68 x 34.84
Net/Gross Weight lbs.	130.29/141.31

### EFFICIENCY

Cooling		Heating	
SEER2	21	HSPF2-4	13.5
EER2	13.0	COP	3.42

### COOLING PERFORMANCE (Btu/hr)

Rated Capacity	24000
Min/Max Capacity	12600~27900
Moisture Removal(L/h)	2.7
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	29000
1. @ 47°F Min/Max Capacity	11800~29700
2. @ 17°F Rated	21000
3. @ 5°F Rated: Capacity / COP	24200/2.34
3. @ 5°F Max: Capacity	24200
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

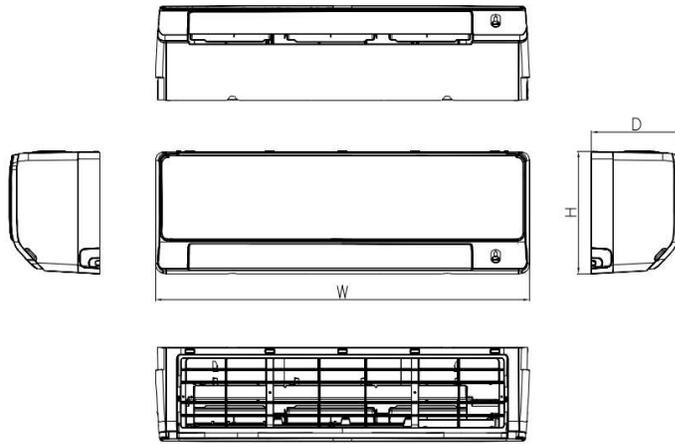
### ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	15.0
Connection Wiring	14#x4
System MOCP	25
Compressor RLA	15.0
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.3
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	1846(940 ~ 2280)
System Power Input @ Heating (W)	2485(675 ~2570)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

### PIPING

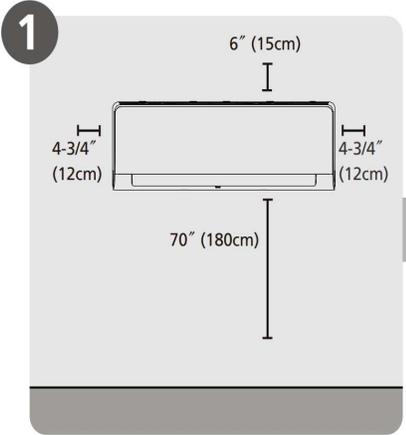
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	15.9mm(5/8in)
Max. Piping Length(ft/m)	164.00(50)
Max. Height Difference(ft/m)	82.00(25)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	63.49(1.8)
Additional Charge (oz/ft)/(g/m)	0.32(30)
Connection Method	Flared

### Indoor Unit Dimensions

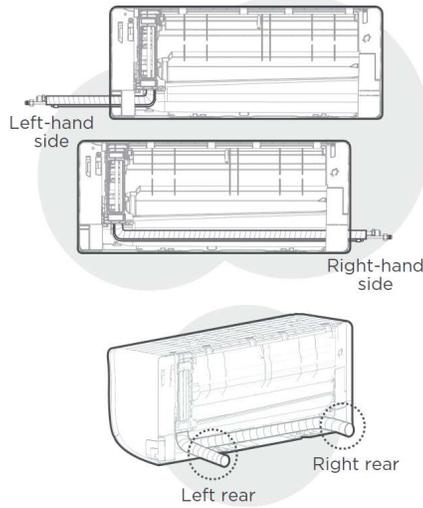


Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	848	233	300
		inch	33-3/8	9-1/8	11-3/4
18k~24k	C	mm	1017	248	319
		inch	40	9-3/4	12-1/2
24k~36k	D	mm	1190	285	371
		inch	46-7/8	11-1/4	14-5/8

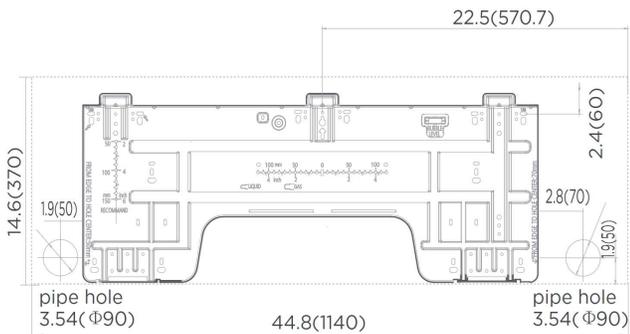
### Indoor Unit Clearances



Select Installation Location

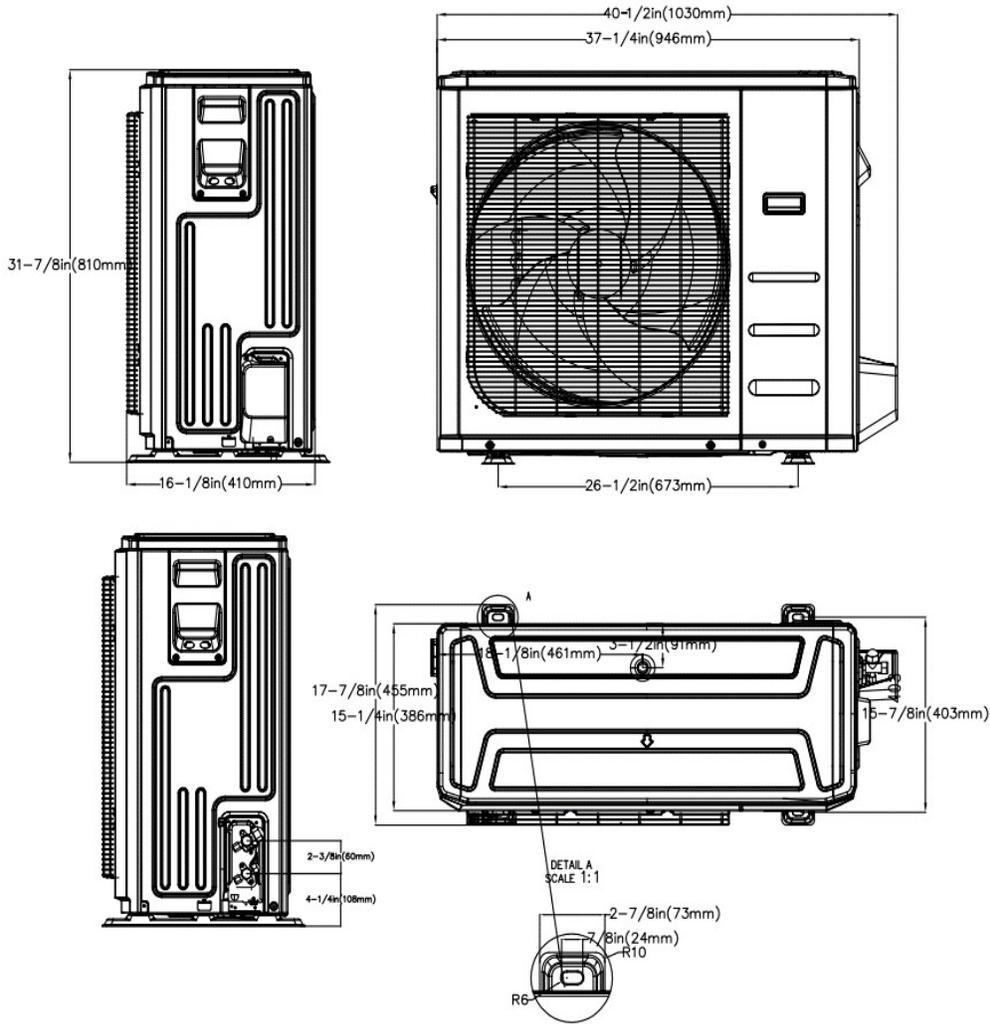


**NOTE:**  
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.

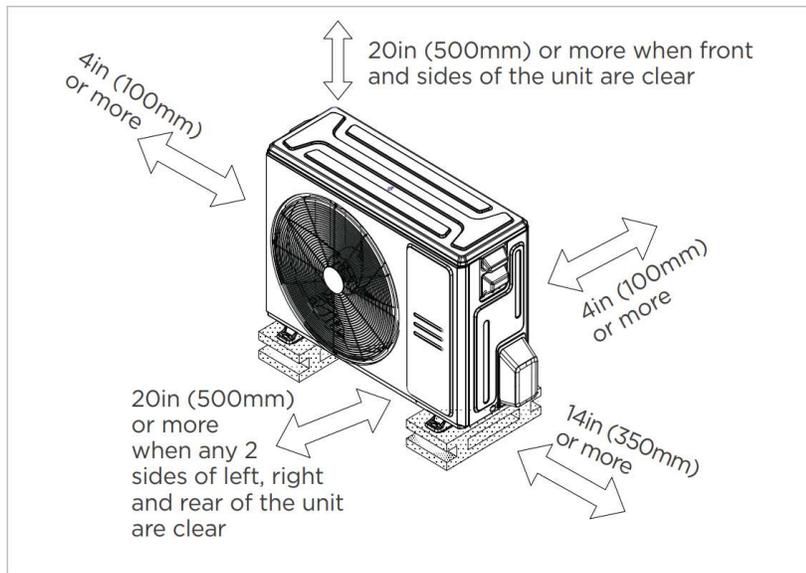


**NOTE:**  
When the gas side connective pipe is  $\Phi$ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

### Outdoor Unit Dimensions



### Outdoor Unit Clearances



Meets all spatial requirements shown in Installation Clearance Requirements above.

## Features

- Intelligent eye
- Easy maintenance design
- Indoor unit TU1 copper coil
- Humidity control
- 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.