

# SUBMITTAL DATA SHEET



Series Name: Ceiling&Floor Hyper Heat Series  
 Model Number: CCOXHBSZ24CHP/CCOXHBFC24

## Ceiling&Floor 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)	735.8 / 706.3 / 606.3 / 453.2 / 376.7	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	51.5/49.0/45.0/34.0/29.0	
Dimension (W×D×H)	inch	42.05 x 26.57 x 9.25
	mm	1068.0×675.0×235.0
Package (W×D×H)	inch	45.08 x 29.72 x 12.52
	mm	1145×755×318
Net/Gross Weight	lbs	61.29/73.19
	kg	27.8/33.2

## OUTDOOR SPECIFICATION

Compressor Type	ROTARY	
Compressor Model	KTM240D46UKT2	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	620	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2236.7	
Outdoor Noise Level (dBA)	61.5	
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946.0×410.0×810.0
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
	mm	1090×500×885
Net/Gross Weight	lbs	130.29/141.31
	kg	59.1/64.1

## EFFICIENCY

Cooling		Heating	
SEER2	20.4	HSPF2-4	12.1
EER2	12.0	COP	3.34

## PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	22000
Min/Max Capacity	12700~25600
Moisture Removal(L/h)	2.73
Standard Operating Range(°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

## PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	26000
1. @ 47°F Min/Max Capacity	11300~29500

## ELECTRICAL

Power Supply	208/230V,60Hz,1Ph	
System MCA	24.90	
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	1.0	
Indoor Fan Motor W	90	
System Power Input @ Cooling (W)	1833(980 ~ 2300)	
System Power Input @ Heating (W)	2194(630 ~2570)	
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)	
RLA: Rated load amps (A)	W: Fan motor rated output (W)	

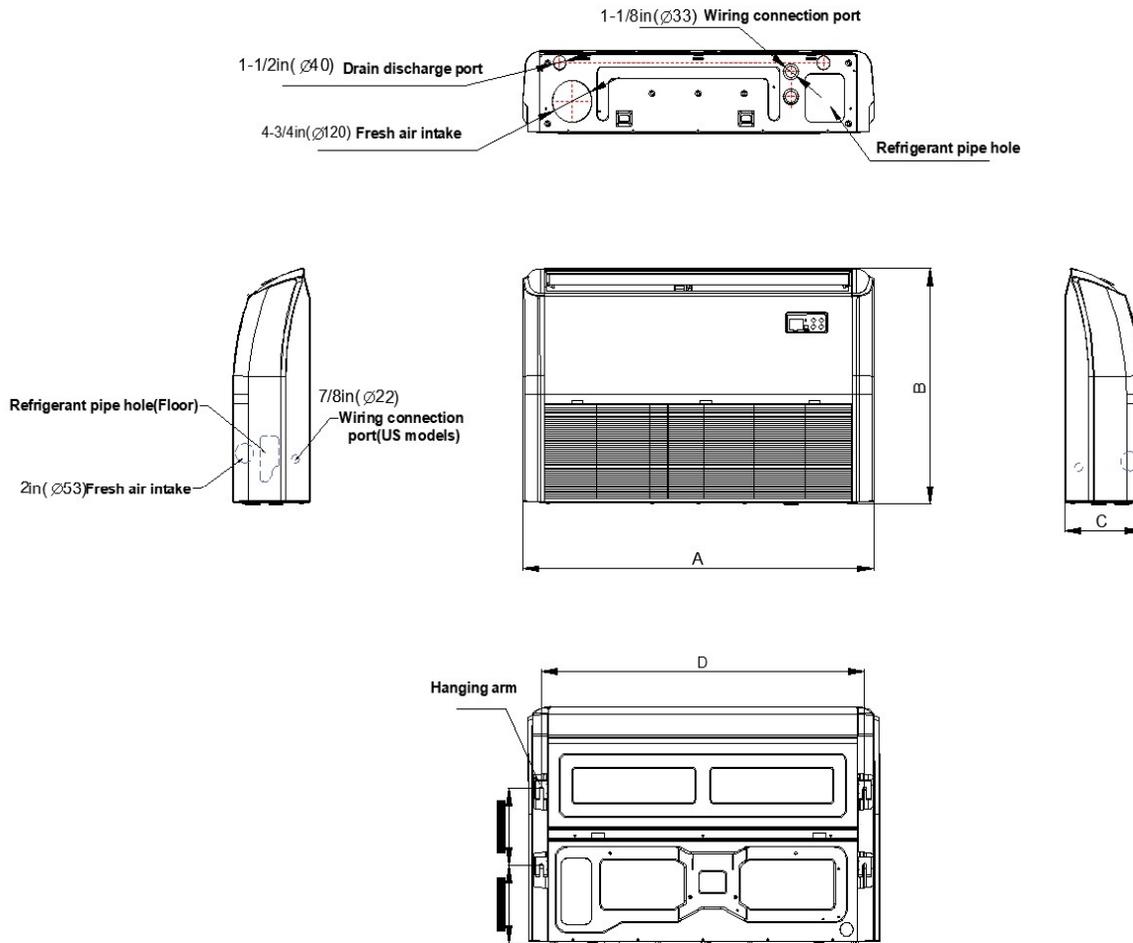
## PIPING

Throttle type(Indoor)	N/A
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<b>2. @ 17°F Rated</b>	20200
<b>3. @ 5°F Rated: Capacity / COP</b>	24200/2.16
<b>3. @ 5°F Max: Capacity</b>	24200
<b>Standard Operating Range(°F/°C)</b>	-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

<b>Throttle type(Outdoor)</b>	EXV+Throttle valve
<b>Liquid Size</b>	9.52mm(3/8in)
<b>Gas Size</b>	15.9mm(5/8in)
<b>Max. Piping Length(ft/m)</b>	164.00(50)
<b>Max. Height Difference(ft/m)</b>	82.00(25)
<b>Max. Pre-charged Length(ft/m)</b>	24.6(7.5)
<b>Refrigerant Pre-charged Amount(oz/kg)</b>	63.49(1.80)
<b>Additional Charge of Refrigerant((oz/ft)/(g/m)</b>	0.32(30)
<b>Connection Method</b>	Flared

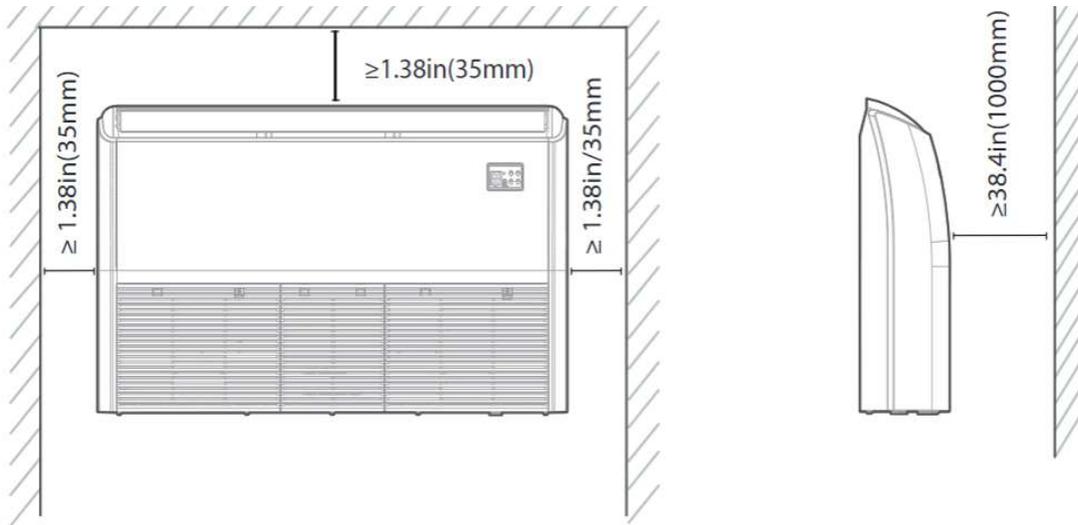
### Indoor Unit Dimension



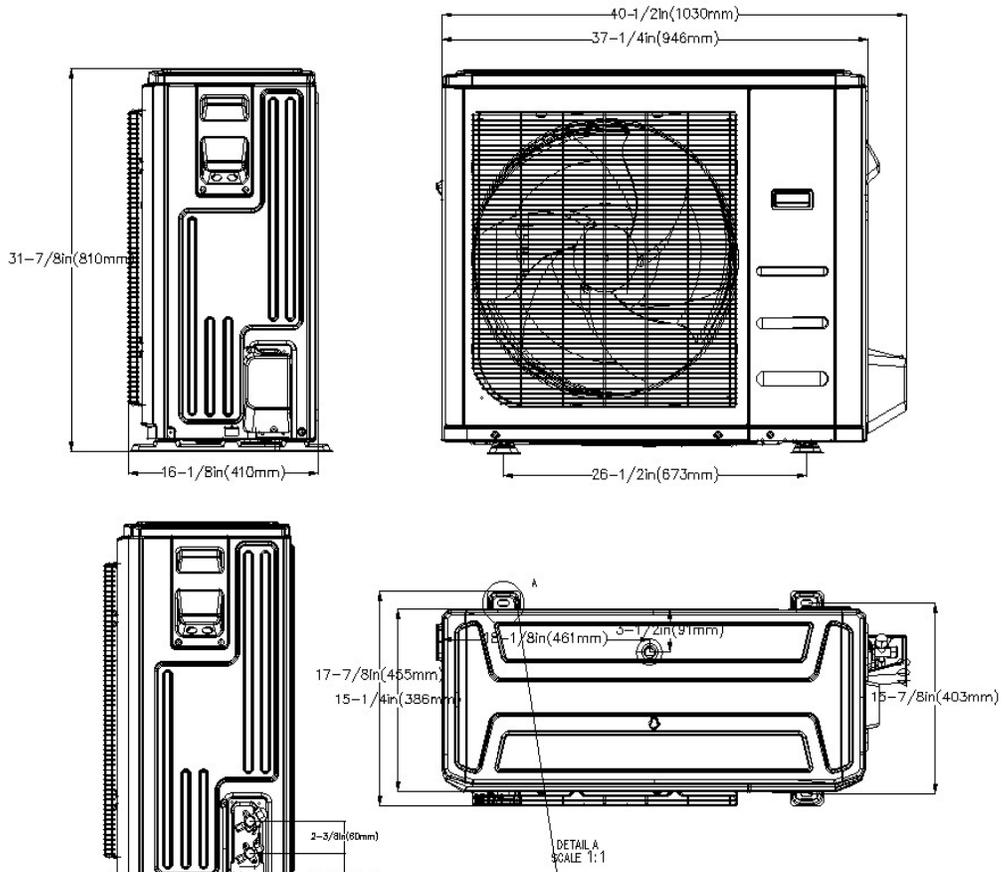
Model	A	B	C	D
18K/24K	42in(1068mm)	26-1/2in(675mm)	9-1/4in(235mm)	38-3/4in(983mm)
36K/48K/60K	65in(1650mm)	26-1/2in(675mm)	9-1/4in(235mm)	61-5/8in(1565mm)

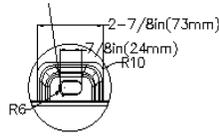
### Installation Instruction



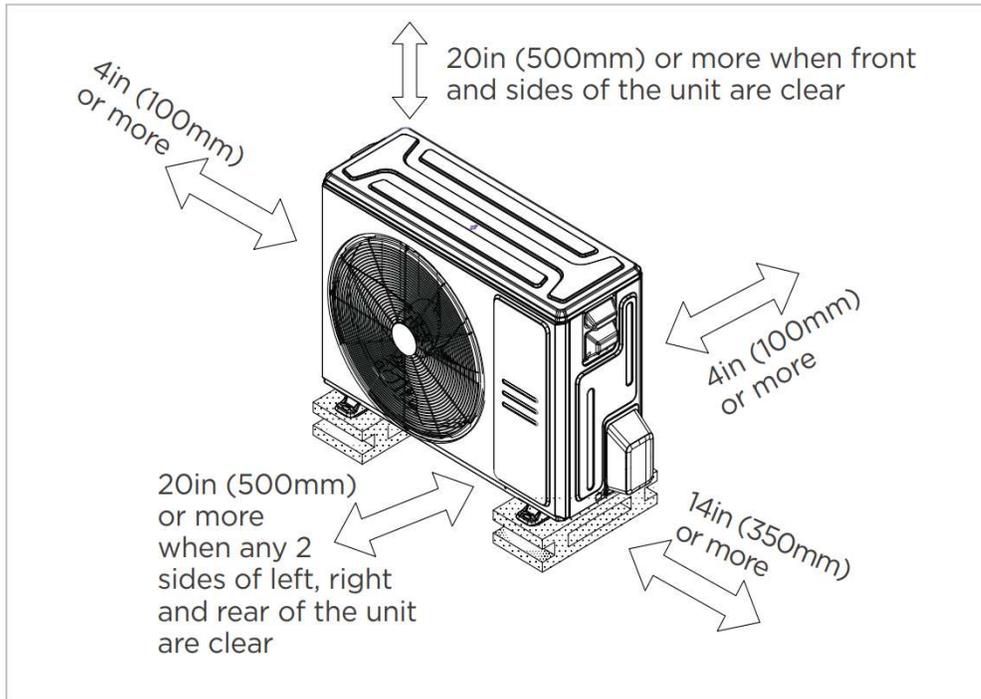


### Outdoor Unit Dimension





### Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.