

# SUBMITTAL DATA SHEET

Series Name: Ceiling&Floor Hyper Heat Series  
 Model Number: [CCOXHBSZ36CHP](#)/[CCOXHBFC36](#)



## 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)	1224.3 / 1088.9 / 988.8 / 765.2 / 653.3	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	51/51/45.5/39/35	
Dimension (W×D×H)	inch	64.96 x 26.57 x 9.25
	mm	1650.0×675.0×235.0
Package (W×D×H)	inch	67.91 x 29.72 x 12.52
	mm	1725×755×318
Net/Gross Weight	lbs	88.85/104.94
	kg	40.3/47.6

## OUTDOOR SPECIFICATION

Compressor Type	TWIN-ROTARY	
Compressor Model	EKPQ420D1UMUA	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	1460	
Refrigerant Oil	VG75	
Outdoor Air Flow (Max) (CFM)	3001.9	
Outdoor Noise Level (dBA)	65.0	
Dimension (W×D×H)	inch	38.58 x 16.34 x 38.39
	mm	980.0×415.0×975.0
Package (W×D×H)	inch	45.08 x 19.68 x 42.52
	mm	1145×500×1080
Net/Gross Weight	lbs	206.57/237.44
	kg	93.7/107.7

## EFFICIENCY

Cooling		Heating	
SEER2	20	HSPF2-4	10.8
EER2	12.0	COP	3.29

## PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	36400
Min/Max Capacity	6100~38300
Moisture Removal(L/h)	3.10
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	38000
1. @ 47°F Min/Max Capacity	11100~45400

## ELECTRICAL

Power Supply	208/230V,60Hz,1Ph	
System MCA	38.00	
Connection Wiring	14#x3	
System MOCP	40	
Compressor RLA	24.5	
Outdoor Fan Motor RLA	2.1	
Outdoor Fan Motor W	250	
Indoor Fan Motor RLA	1.0	
Indoor Fan Motor W	90	
System Power Input @ Cooling (W)	3033(590 ~ 3610)	
System Power Input @ Heating (W)	3385(675 ~4070)	
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)	
RLA: Rated load amps (A)	W: Fan motor rated output (W)	

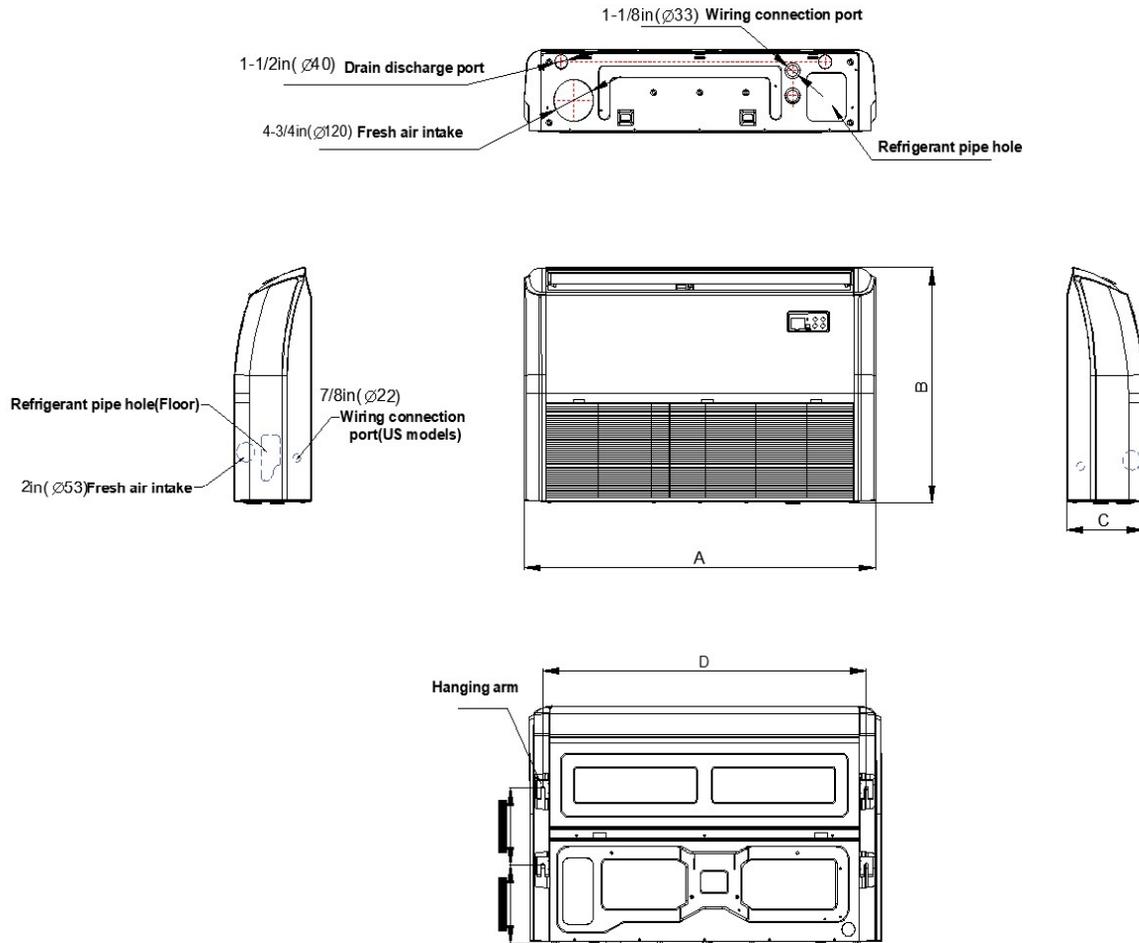
## PIPING

Throttle type(Indoor)	N/A
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<b>2. @ 17°F Rated</b>	30200
<b>3. @ 5°F Rated: Capacity / COP</b>	39500/2.02
<b>3. @ 5°F Max: Capacity</b>	39500
<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>	19mm(3/4in)
<b>Max. Piping Length(ft/m)</b>	246.00(75)
<b>Max. Height Difference(ft/m)</b>	98.40(30)
<b>Max. Pre-charged Length(ft/m)</b>	24.6(7.5)
<b>Refrigerant Pre-charged Amount(oz/kg)</b>	126.99(3.60)
<b>Additional Charge of Refrigerant((oz/ft)/(g/m)</b>	0.32(30)
<b>Connection Method</b>	Flared

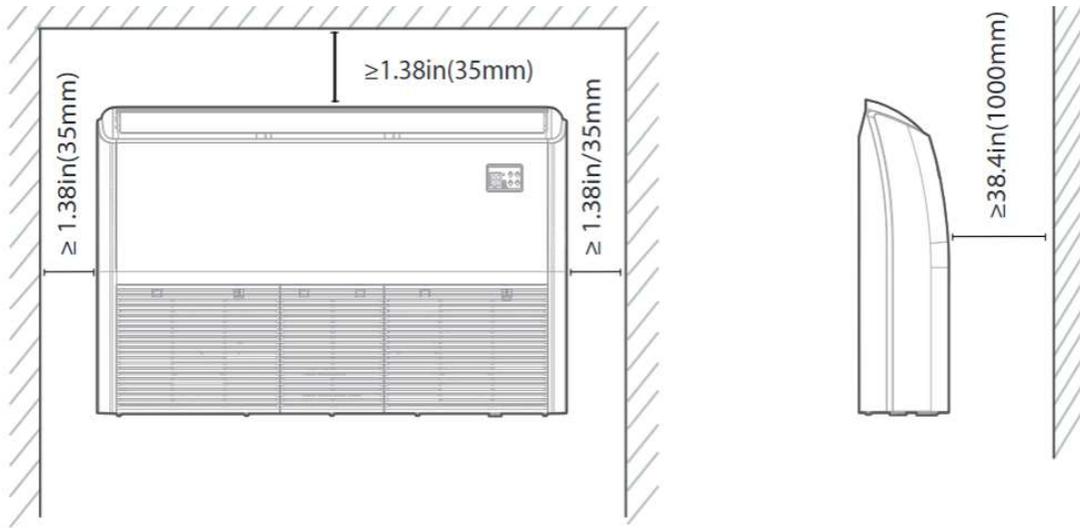
### Indoor Unit Dimension



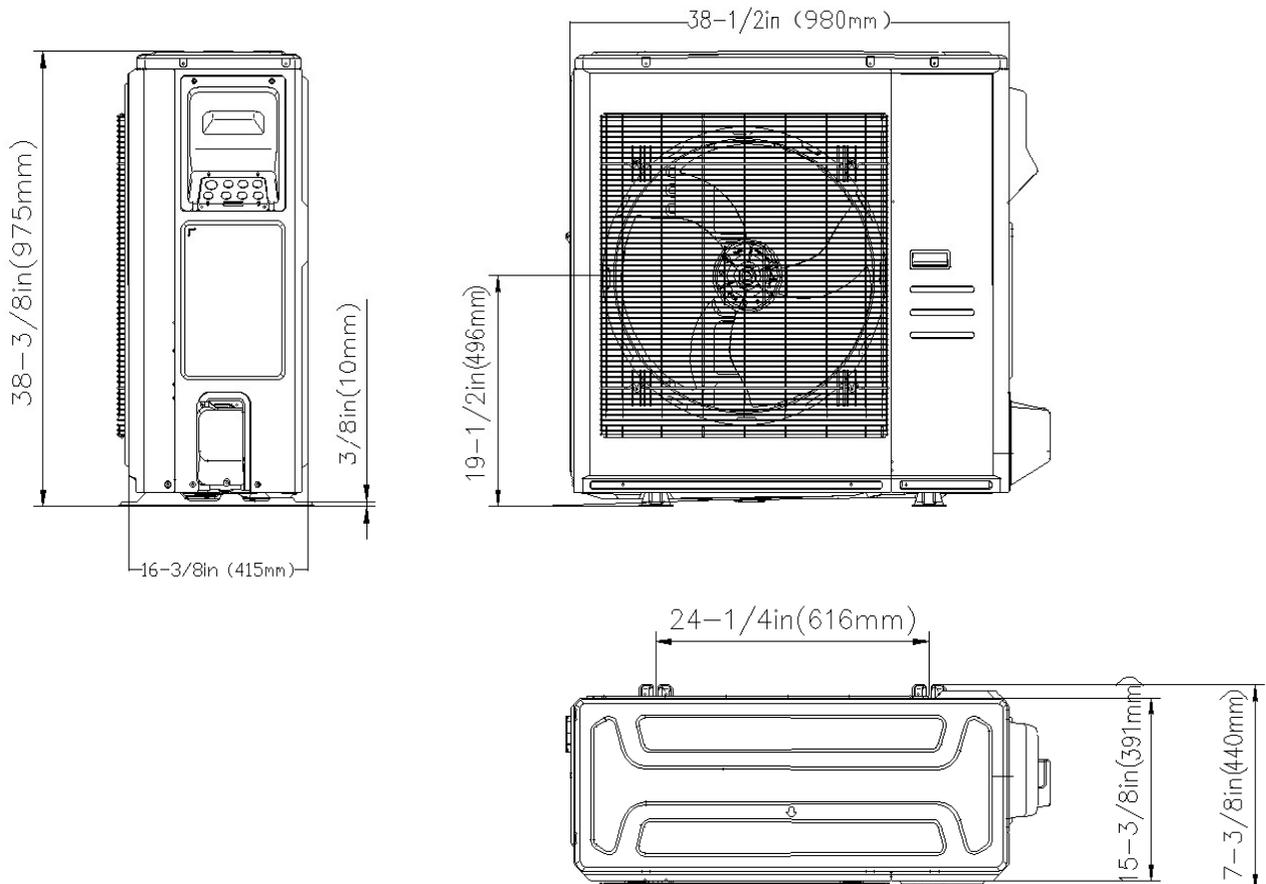
Model	A	B	C	D
18K/24K	42in(1068mm)	26-1/2in(675mm)	9-1/4in(235mm)	38-3/4in(983mm)
36K/48K/60K	65in(1650mm)	26-1/2in(675mm)	9-1/4in(235mm)	61-5/8in(1565mm)

### Installation Instruction

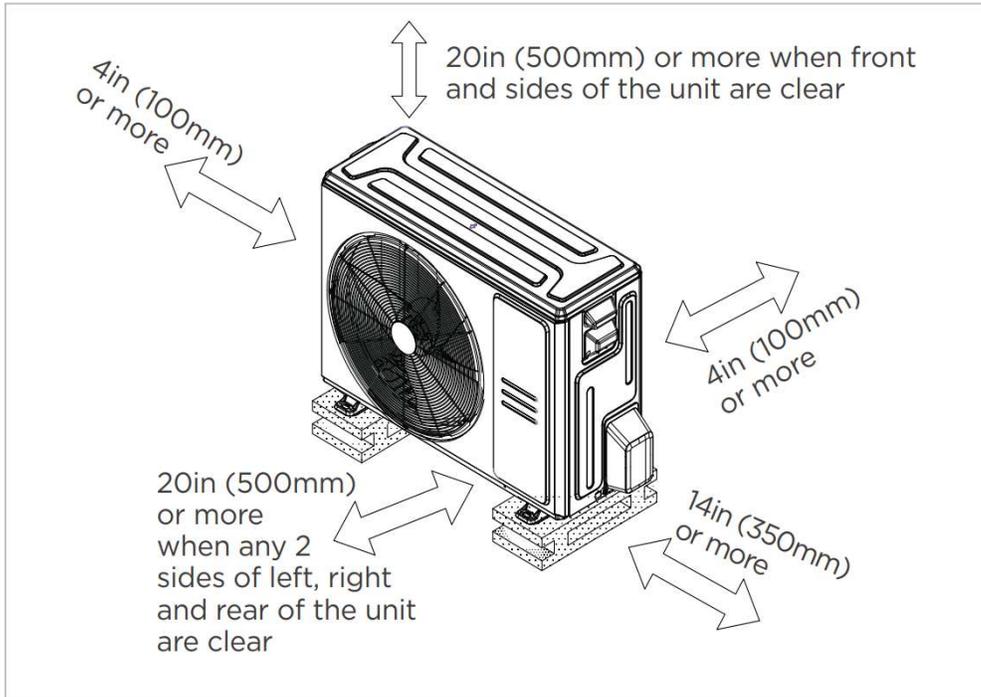




### Outdoor Unit Dimension



Installation Instruction



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