

SUBMITTAL DATA SHEET



Series Name: EP Hyper Heat Series
 Model Number: CCOXHBSZ33HP/CCOXHBWM33

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)	865.2 / 735.8 / 600.4 / 423.8 / 423.8
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	57.0/53.0/46.5/35.5/29.5
Dimensions WxDxH (inches)	46.85x11.20x14.59
Package WxDxH (inches)	50.39x14.17x17.91
Net/Gross Weight lbs.	43.21/55.78

OUTDOOR SPECIFICATION

Compressor Type	TWIN-ROTARY
Compressor Model	KTF420D62UNT
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1000
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2235.3
Outdoor Noise Level (dBA)	63.5
Dimensions WxDxH (inches)	37.24 x 16.14 x 31.89
Package WxDxH (inches)	42.91 x 19.68 x 34.84
Net/Gross Weight lbs.	156.97/167.99

EFFICIENCY

Cooling		Heating	
SEER2	19.5	HSPF2-4	10.5
EER2	12.0	COP	3.37

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	33000
Min/Max Capacity	15000~37000
Moisture Removal(L/h)	4.2
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	36000
1. @ 47°F Min/Max Capacity	19700~37800
2. @ 17°F Rated	30000
3. @ 5°F Rated: Capacity / COP	35000/1.98
3. @ 5°F Max: Capacity	35000
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

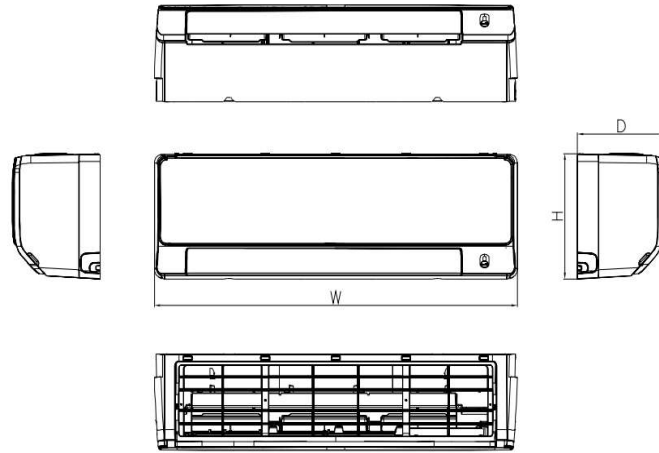
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	34.0
Connection Wiring	14#x4
System MOCP	35
Compressor RLA	24.5
Outdoor Fan Motor RLA	1.5
Outdoor Fan Motor W	230
Indoor Fan Motor RLA	1.6
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	2750(440 ~ 3450)
System Power Input @ Heating (W)	3131(1250 ~3970)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

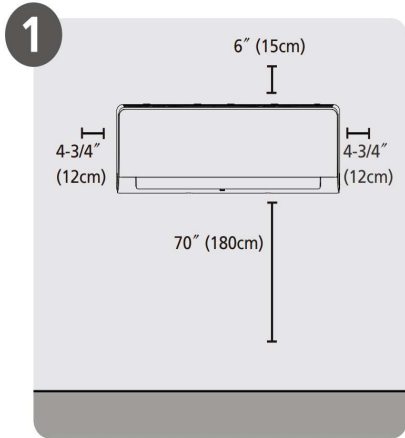
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	164.00(50)
Max. Height Difference(ft/m)	82.00(25)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	87.13(2.47)
Additional Charge (oz/ft)/(g/m)	0.32(30)
Connection Method	Flared

Indoor Unit Dimension



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

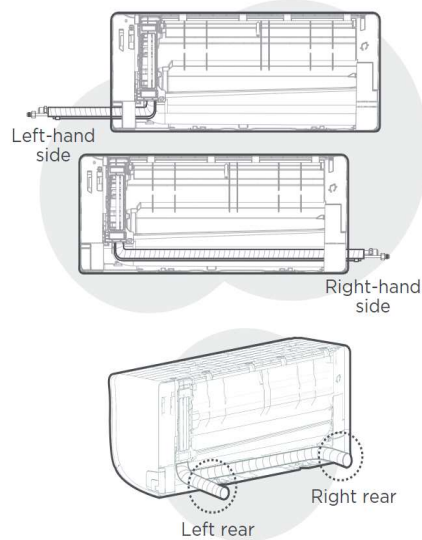
Indoor Unit Clearances



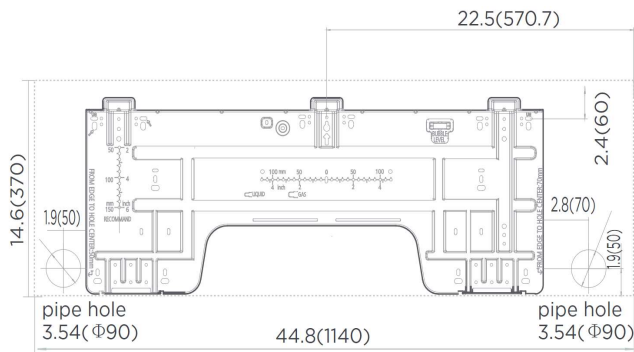
Select Installation Location

NOTE:

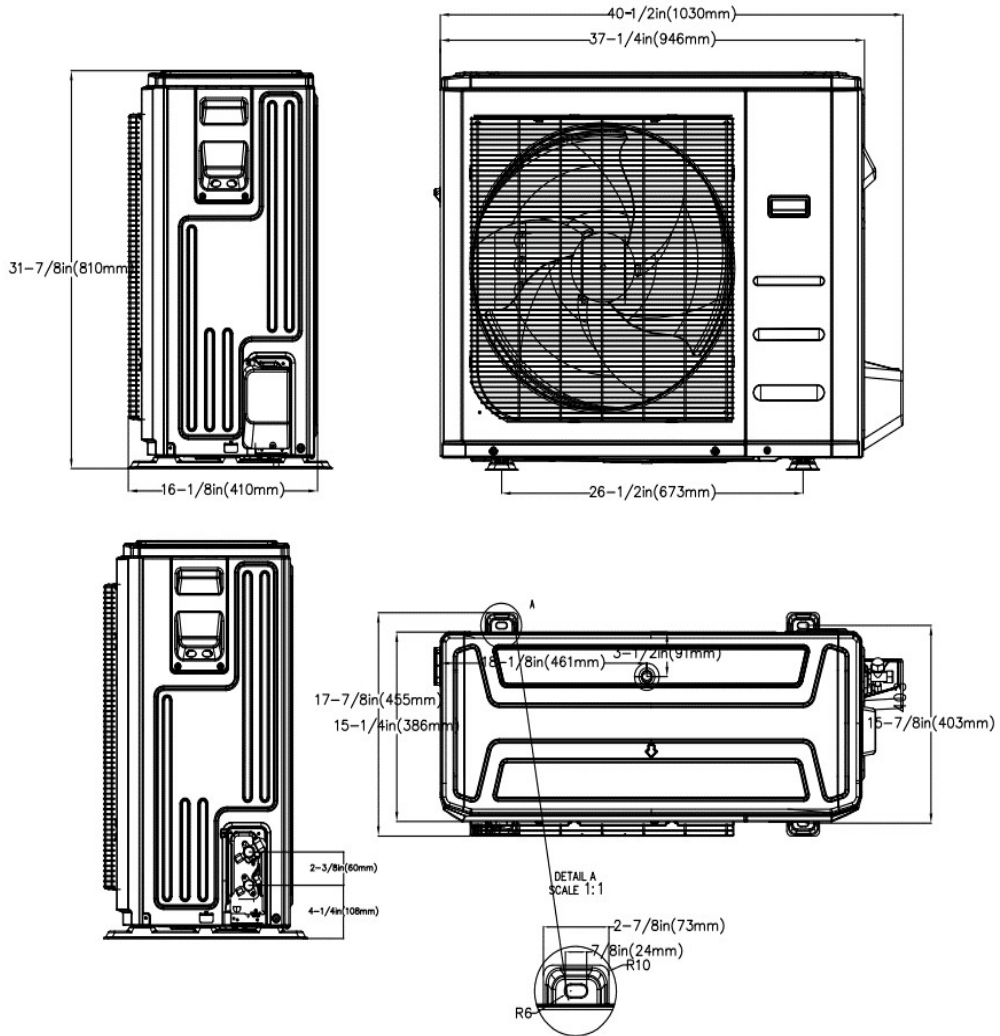
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



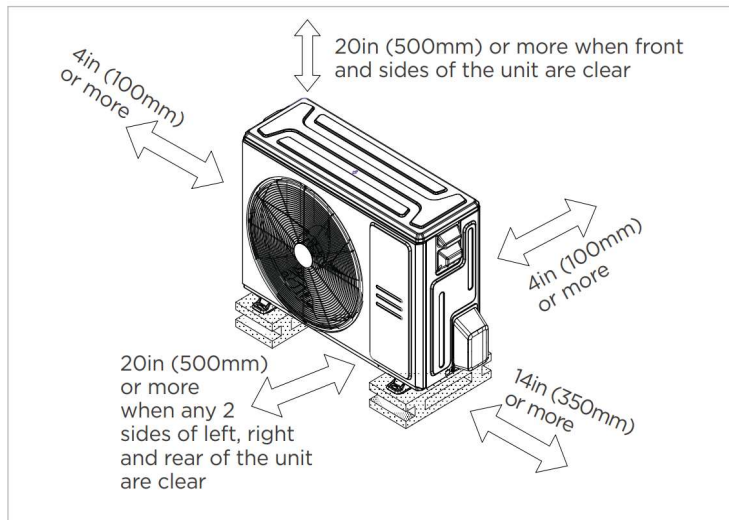
mm or



Outdoor Unit Dimensions



Installation Instruction



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.