

SUBMITTAL DATA SHEET

Series Name: Multi Zone Hyper Heat Series
Model Number: CCOXHBMZ648HP/DUCTED or MIXED



Multi Zone Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



EFFICIENCY

Cooling		Heating	
SEER2	20.4	HSPF2-4	11.0
EER2	11.7	COP	3.5

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	47000
Min/Max Capacity	12000~57000
Moisture Removal(L/h)	2.6
Standard Operating Range(*F/*C)	-22~-122/(-30~50)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

HEATING PERFORMANCE (Btu/hr)

1. @ 47°F Rated	48000
1. @ 47°F Min/Max Capacity	13000~60000
2. @ 17°F Rated(H32)	44500
3. @ 5°F Rated: Capacity / COP(H42)	48000/2
3. @ 5°F Max: Capacity	48000
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

OUTDOOR SPECIFICATION

Compressor Type	TWIN-ROTARY
Compressor Model	EKPQ440D1UMUB
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1300
Refrigerant Oil	VG75
Outdoor Air Flow (Max) (CFM)	4503
Outdoor Noise Level (dBA)	65
Dimensions W×D×H (inches)	37.48 x 16.34 x 52.48
Package W×D×H (inches)	43.11 x 19.49 x 58.27
Net/Gross Weight lbs.	246.47/276.68

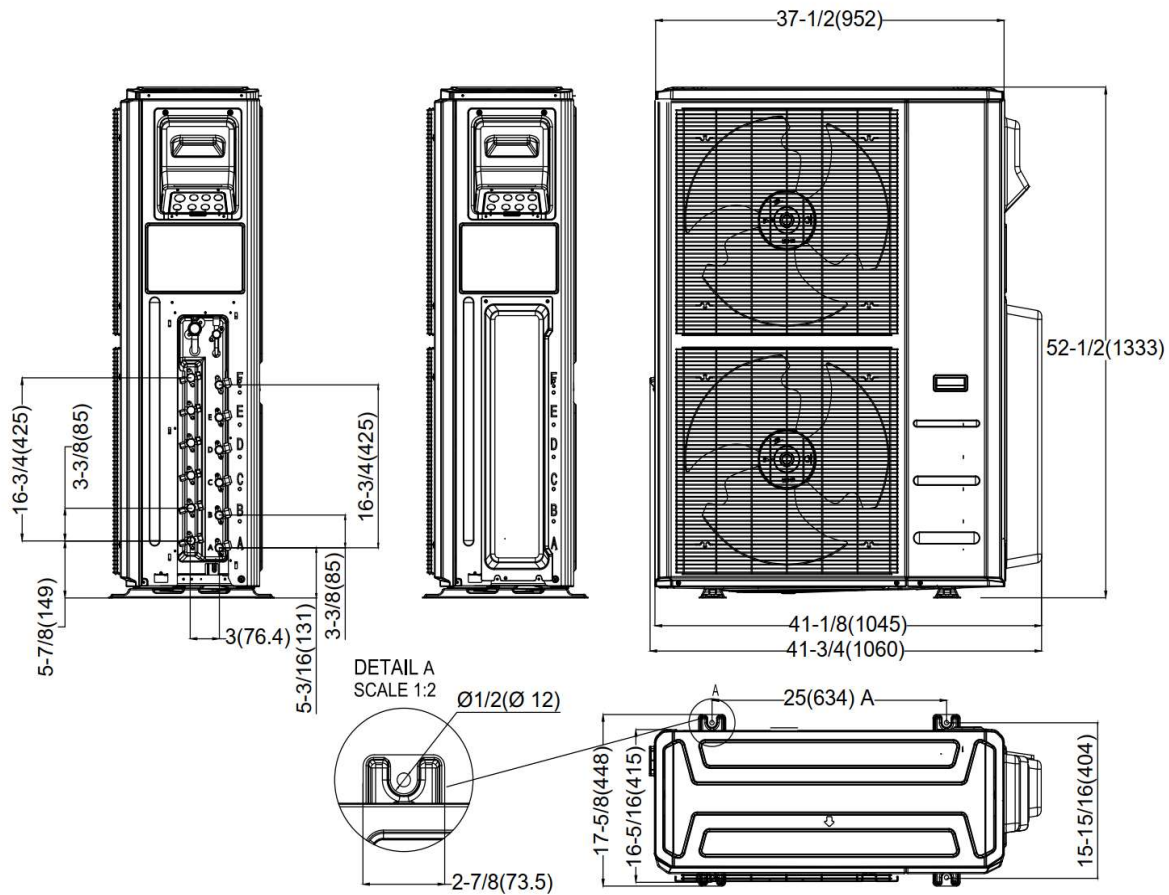
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	43
Connection Wiring	AWG 14-4
System MOCP	45
Compressor RLA	27
Outdoor Fan Motor RLA	2.5
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	4020/(800 ~ 5700)
System Power Input @ Heating (W)	4000/(800 ~5000)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

Liquid Size	6x6.35mm(6x1/4in)
Gas Size	4x9.52mm+2x12.7mm(4x3/8in+2x1/2in)
Max. Piping Length for all rooms(ft/m)	262.4/(80)
Max. Piping Length for one IDU(ft/m)	114.8/(35)
Max. Height Difference of IDU and ODU(ft/m)	49.2/(15)
Refrigerant Pre-charge Amount(oz/kg)	151.68/(4.3)
Refrigerant Precharge Length(ft/m)	24.6(7.5)x6
Additional Charge 1/4"liquid pipe (oz/ft)/(g/m)	0.16/(15)
Additional Charge 3/8" liquid pipe (oz/ft)/(g/m)	0.32(30)
Connection Method	Flared

Outdoor Unit Dimensions



Outdoor Unit Clearances

