

SUBMITTAL DATA SHEET

Series Name: Multi Zone Hyper Heat Series
Model Number: CCOXHBMZ318HP/DUCTED or MIXED



Multi Zone Heat Pump System

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



OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2131
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.	137.35/148.15

ELECTRICAL

Power Supply	208/230V, 60Hz, 1Ph
System MCA	17.5
Connection Wiring	AWG 14-4
System MOCP	20
Compressor RLA	9.2
Outdoor Fan Motor RLA	1.2
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1460/(400 ~ 2350)
System Power Input @ Heating (W)	1465/(350 ~ 2200)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

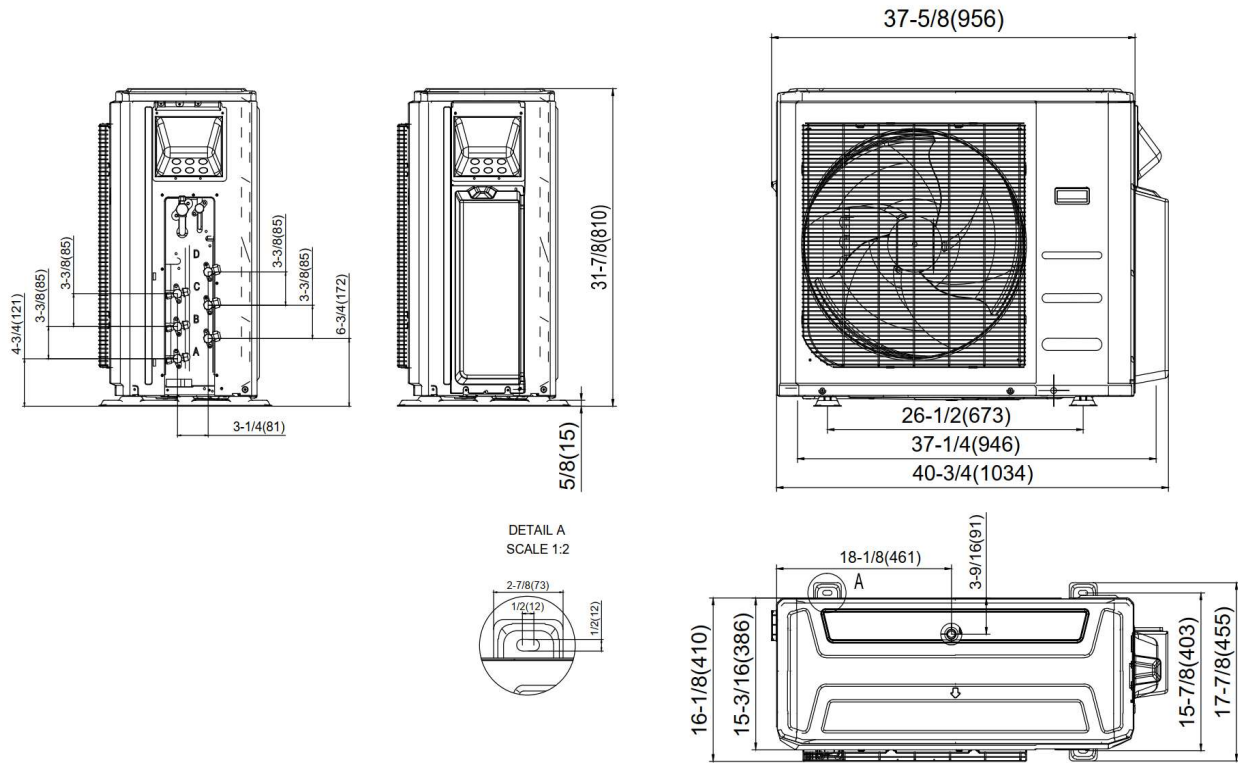
EFFICIENCY

Cooling		Heating	
SEER2	20.0	HSPF2-4	10.0
EER2	13	COP	4.0
Cooling (Btu/hr)			
Rated Capacity		19000	
Min/Max Capacity		5400~27600	
Moisture Removal(L/h)		0	
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 (Btu/hr)			
1. @ 47°F Rated		20000	
1. @ 47°F Min/Max Capacity		5700~25400	
2. @ 17°F Rated(H32)		17000	
3. @ 5°F Rated: Capacity / COP(H42)		18000/2	
3. @ 5°F Max: Capacity		18000	
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	

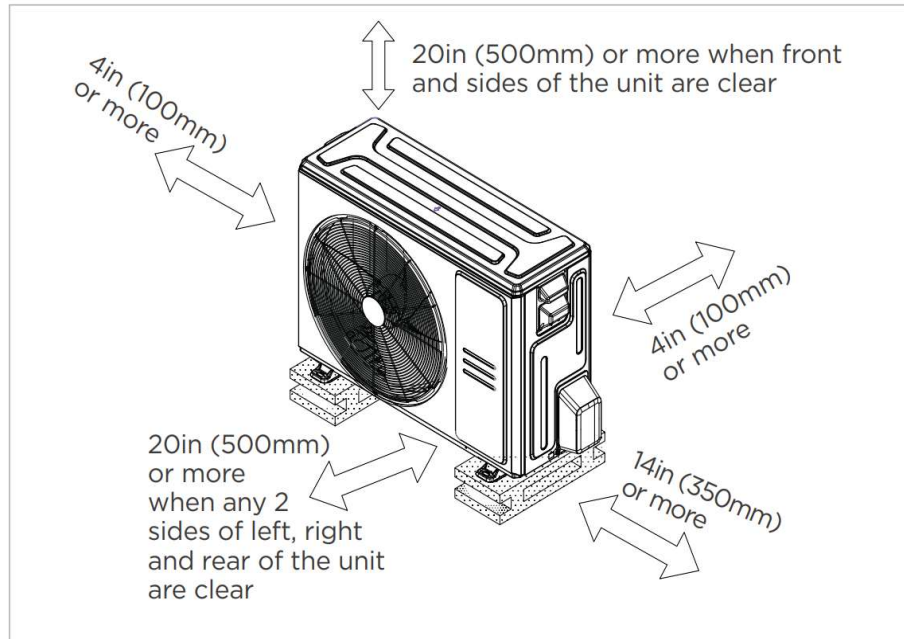
PIPING

Liquid Size	3x6.35mm(3x1/4in)
Gas Size	3x9.52mm(3x3/8in)
Max. Piping Length for all rooms(ft/m)	196.8/(60)
Max. Piping Length for one IDU(ft/m)	98.4/(30)
Max. Height Difference of IDU and ODU(ft/m)	49.2/(15)
Refrigerant Pre-charge Amount(oz/kg)	78.31/(2.22)
Refrigerant Precharge Length(ft/m)	24.6(7.5)x3
Additional Charge 1/4" liquid line (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



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