

SUBMITTAL DATA SHEET

Series Name: Multi Zone Hyper Heat Series
Model Number: CCOXHBMZ427HP/DUCTLESS INDOOR



Multi Zone Heat Pump System

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



EFFICIENCY

Cooling		Heating	
SEER2	23.0	HSPF2-4	10.5
EER2	12.5	COP	3.8

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	27000
Min/Max Capacity	7200~37000
Moisture Removal(L/h)	0.8
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	27000
1. @ 47°F Min/Max Capacity	8400~36000
2. @ 17°F Rated(H32)	25000
3. @ 5°F Rated: Capacity / COP(H42)	27000/2
3. @ 5°F Max: Capacity	27000
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

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTF310D43UMT
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1000
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2148
Outdoor Noise Level (dBA)	61
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.	168.43/179.67

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	30
Connection Wiring	AWG 14-4
System MOCP	35
Compressor RLA	17
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2125/(500 ~ 3620)
System Power Input @ Heating (W)	2082/(500 ~ 3400)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

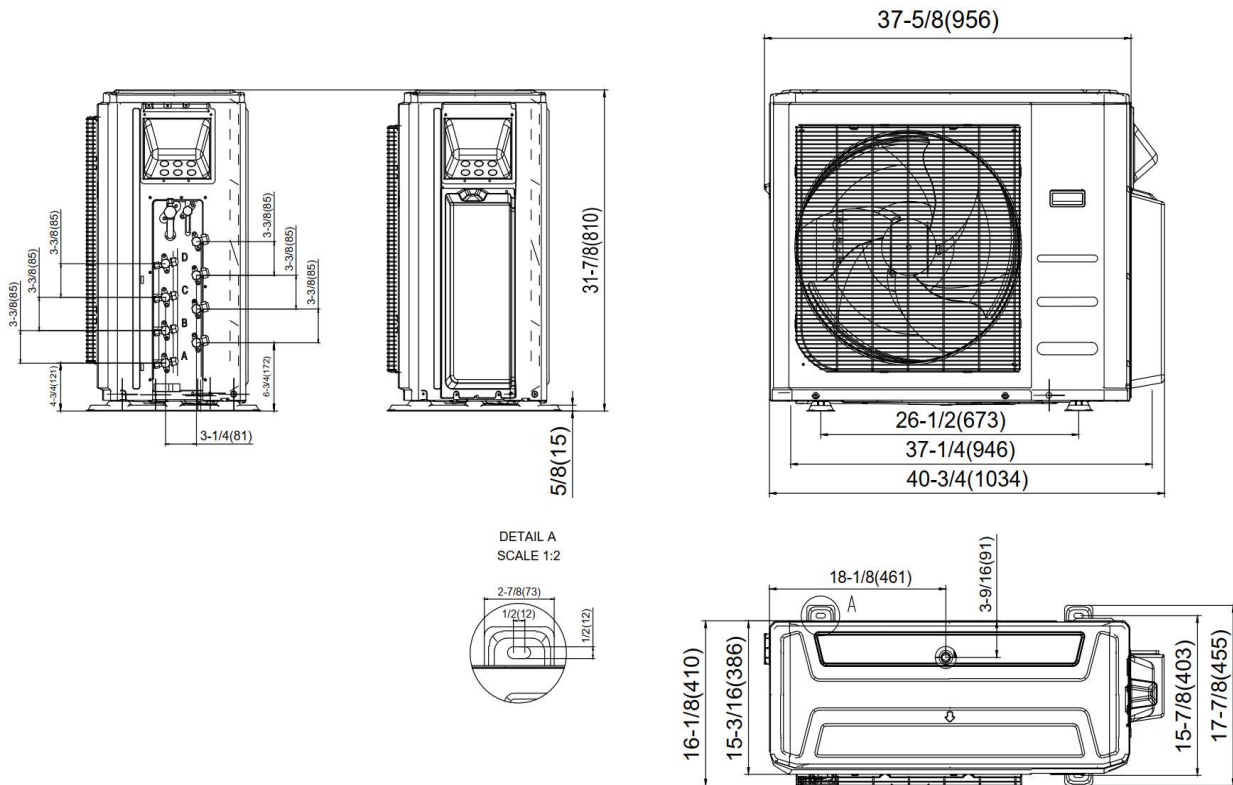
Liquid Size	4x6.35mm(4x1/4in)
Gas Size	3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)
Max. Piping Length for all rooms(ft/m)	262.4/(80)
Max. Piping Length for one IDU(ft/m)	114.8/(35)
Max. Height Difference of IDU and ODU(ft/m)	49.2/(15)
Refrigerant Pre-charge Amount(oz/kg)	120.63/(3.42)
Refrigerant Precharge Length(ft/m)	24.6(7.5)x4
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

3. Conditions

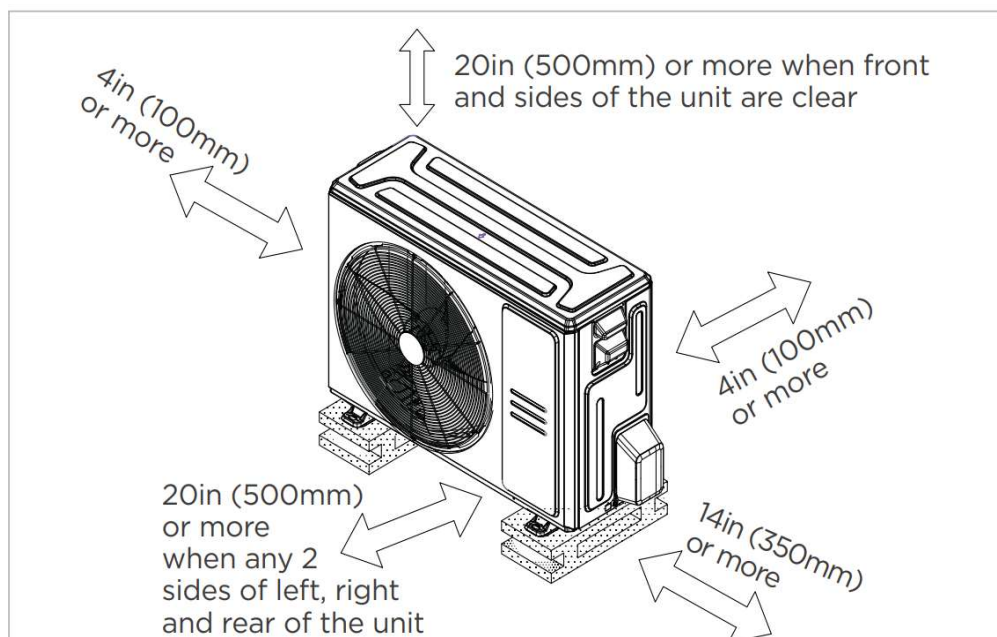
Indoor: 70°F DB/60°F WB

Outdoor: 5°F DB/5°F WB

Outdoor Unit Dimensions



Outdoor Unit Clearances



are clear



Meets all spatial requirements shown in Installation Clearance Requirements above.