

SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series
Model Number: BZ33-HYP274Z2-454-G3-P

Multi Zone Heat Pump System	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



EFFICIENCY			
Cooling		Heating	
SEER2	19	HSPF2-4	9.5
EER2	12	COP	3.6

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	28000
Min/Max Capacity	7200~38000
Moisture Removal(L/h)	0.2
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

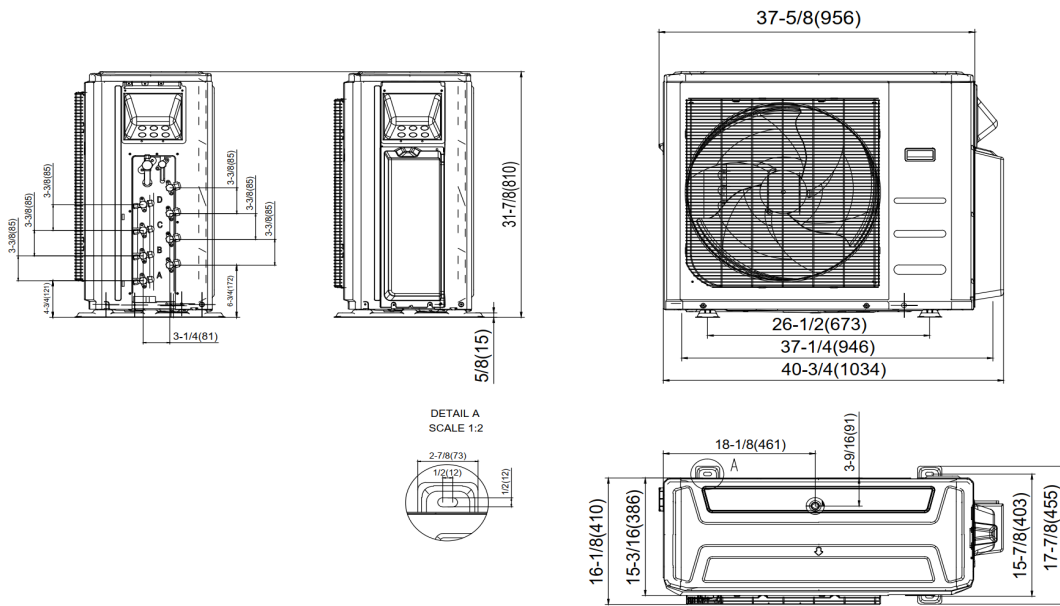
PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	28000
1. @ 47°F Min/Max Capacity	8400~38500
2. @ 17°F Rated(H32)	23000
3. @ 5°F Rated: Capacity / COP(H42)	27000/2
3. @ 5°F Max: Capacity	27000
Standard Operating Range(*F/*C)	-22~-75/(-30~24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

OUTDOOR SPECIFICATIONS	
Compressor Type	ROTARY
Compressor Model	KTF310D43UMIT
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1000
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2148.4
Outdoor Noise Level (dBA)	61
Dimension(WxDxH)	inch 37-1/4 x 16-1/8 x 31-7/8 mm 946 x 410 x 810
Package(WxDxH)	inch 42-15/16 x 19-11/16 x 34-13/16 mm 1090 x 500 x 885
Net/Gross Weight	lbs 168.43/179.67 kg 76.4/81.5

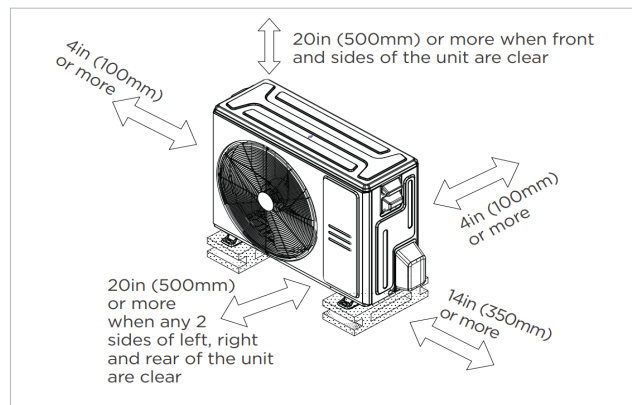
ELECTRICAL	
Power Supply	208/230V/60Hz/1Ph
System MCA	30
Connection Wiring	AWG 14-4
System MOC	35
Compressor RLA	17
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2333/(500~4500)
System Power Input @ Heating (W)	2279/(500~4000)
MCA: Min. circuit amps (A)	MOC: 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-charged Amount(oz/kg)	120.63/(3.42)
Refrigerant Precharge Length(ft/m)	24.6/(7.5)x4
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe) ((oz/ft)/(g/m))	0.16/(15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe) ((oz/ft)/(g/m))	0.32/(30)
Connection Method	Flared

Outdoor Unit Dimension



Installation Instruction



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