

SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series
Model Number: BZ33-HYP556Z2-454-G3-P

Multi Zone Heat Pump System

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



EFFICIENCY

Cooling		Heating	
SEER2	20	HSPF2-4	10.7
EER2	11.7	COP	3.7

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	53000
Min/Max Capacity	19000~60000
Moisture Removal(L/h)	1.1
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	55000
1. @ 47°F Min/Max Capacity	20000~61000
2. @ 17°F Rated(H32)	45000
3. @ 5°F Rated: Capacity / COP(H42)	48000/2.1
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 SPECIFICATIONS

Compressor Type	TWIN-ROTARY
Compressor Model	EKPQ440D1UMUB
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1300
Refrigerant Oil	VG75
Outdoor Air Flow (Max) (CFM)	4502.8
Outdoor Noise Level (dBA)	65
Dimension(WxDxH)	37-1/2 x 16-5/16 x 52-1/2
	952 x 415 x 1333
Package(WxDxH)	43-1/8 x 19-1/2 x 58-1/4
	1095 x 495 x 1480
Net/Gross Weight	246.47/276.68
	111.8/125.5

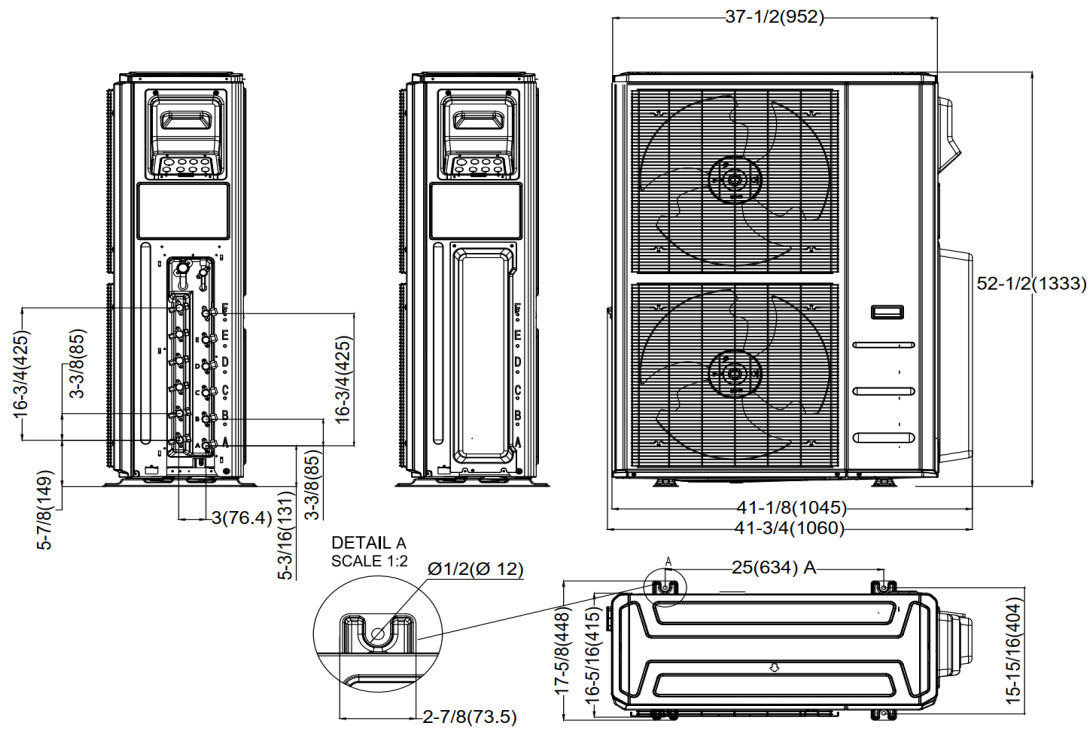
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	39.5
Connection Wiring	AWG 14-4
System MOCP	40
Compressor RLA	28
Outdoor Fan Motor RLA	2.5
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	4530/(1200 ~ 6100)
System Power Input @ Heating (W)	4356/(1200 ~ 5100)
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-charged Amount(oz/kg)	151.68/(4.3)
Refrigerant Precharge Length(ft/m)	24.6(7.5)x6
Additional Charge of Refrigerant (Ø6.35 (1/4") liquid pipe) ((oz/ft)/(g/m))	0.16/(15)
Additional Charge of Refrigerant (Ø9.52 (3/8") liquid pipe) ((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Outdoor Unit Dimension



Installation Instruction

