

SUBMITTAL DATA SHEET

breeze33

Series Name: Comfort Series
Model Number: BZ33-HP12OUT1-454-G3-C/BZ33-HP12WALL1-454-G3-C

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



INDOOR SPECIFICATIONS	
Indoor Air Flow (Turbo/H/M/L/SI) (CFM)	341.4 / 309.0 / 206.0 / 176.6 / 94.2
Indoor Noise Level (Turbo/H/M/L/SI) (dBA)	45.0/40.5/32.5/25.0/17.5
Dimension(WxDxH)	inch 31-9/16 x 7-7/16 x 11-11/16
	mm 802 x 189 x 297
Package(WxDxH)	inch 34-7/16 x 11-1/4 x 14-15/16
	mm 875 x 285 x 380
Net/Gross Weight	lbs 19.40/25.13
	kg 8.8/11.4

OUTDOOR SPECIFICATIONS	
Compressor Type	ROTARY
Compressor Model	KSN98D64UFZ3
Refrigerant	R454B
Refrigerant Oil Charge (mL)	300
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1235.294118
Outdoor Noise Level (dBA)	54.0
Dimension(WxDxH)	inch 30-1/8 x 11-15/16 x 21-7/8
	mm 765 x 303 x 555
Package(WxDxH)	inch 34-15/16 x 13-1/4 x 24
	mm 887 x 337 x 610
Net/Gross Weight	lbs 61.29/67.02
	kg 27.8/30.4

EFFICIENCY			
Cooling		Heating	
SEER2	21.2	HSPF2-4	8.7
EER2	10.1	COP	3.30

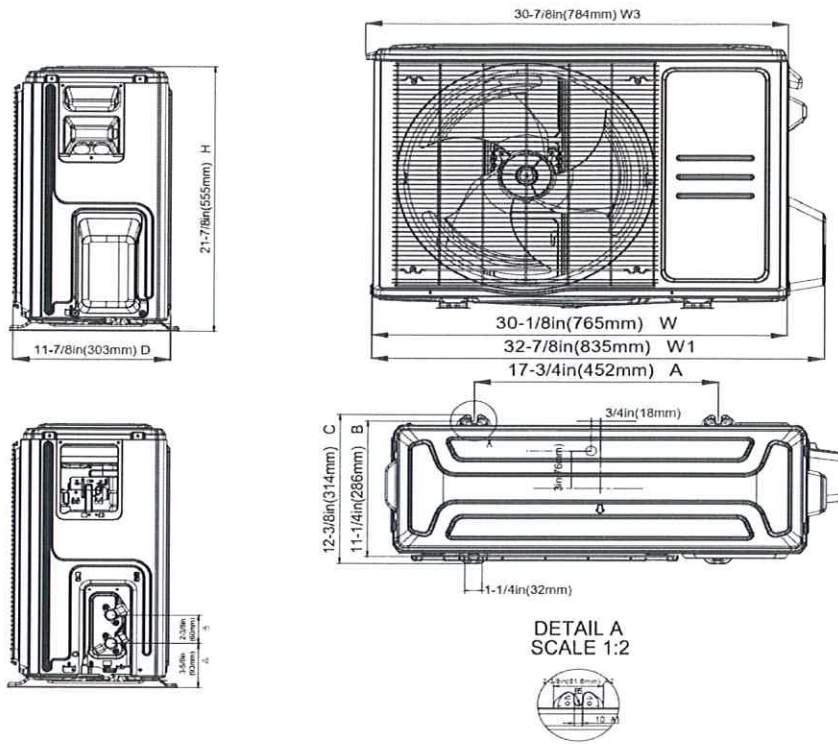
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	2200~12300
Moisture Removal(L/h)	1.4
Standard Operating Range(°F/°C)	5~122(-15~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	12000
1. @ 47°F Min/Max Capacity	3400~12200
2. @ 17°F Rated	7300
3. @ 5°F Rated: Capacity / COP	6600/1.85
3. @ 5°F Max: Capacity	6600
Standard Operating Range(°F/°C)	5~75(-15~24)
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

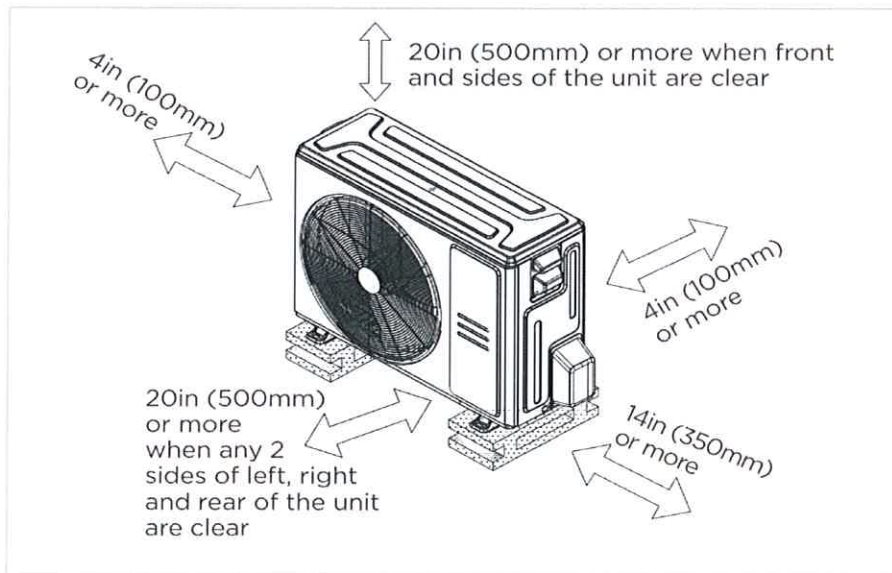
ELECTRICAL	
Power Supply	115V,60Hz,1Ph
System MCA	19.0
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	14.0
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.6
Indoor Fan Motor W	20
System Power Input @ Cooling (W)	1188(140~1200)
System Power Input @ Heating (W)	1065(200~1230)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	Capillary
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	24.34(0.69)
Additional Charge of Refrigerant(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.