

SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series
Model Number: BZ33-HYP12OUT2-454-G3-P / BZ33-OWCASS12-454-G3-P

One Way Cassette Heat Pump System	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		353.2 / 312.0 / 282.5 / 247.2 / 176.6
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/41/37/33/24
Dimension(WxDxH)	inch	50-5/16 x 13-3/16 x 9
	mm	1278 x 335 x 228
Package(WxDxH)	inch	57-5/8 x 22-1/2 x 22-5/8
	mm	1463 x 571 x 575
Net/Gross Weight	lbs	45.19/82.45
	kg	20.5/37.4

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KTN110D42UFZ
Refrigerant		R454B
Refrigerant Oil Charge(mL)		350
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1471.5
Outdoor Noise Level (dBA)		56
Dimension(W×D×H)	inch	31-11/16 x 13 x 21-13/16
	mm	805 x 330 x 554
Package(W×D×H)	inch	36 x 14-9/16 x 24-3/16
	mm	915 x 370 x 615
Net/Gross Weight	lbs	72.75/78.70
	kg	33/35.7

EFFICIENCY			
Cooling		Heating	
SEER2	23	HSPF2-4	10
EER2	13	COP	3.56

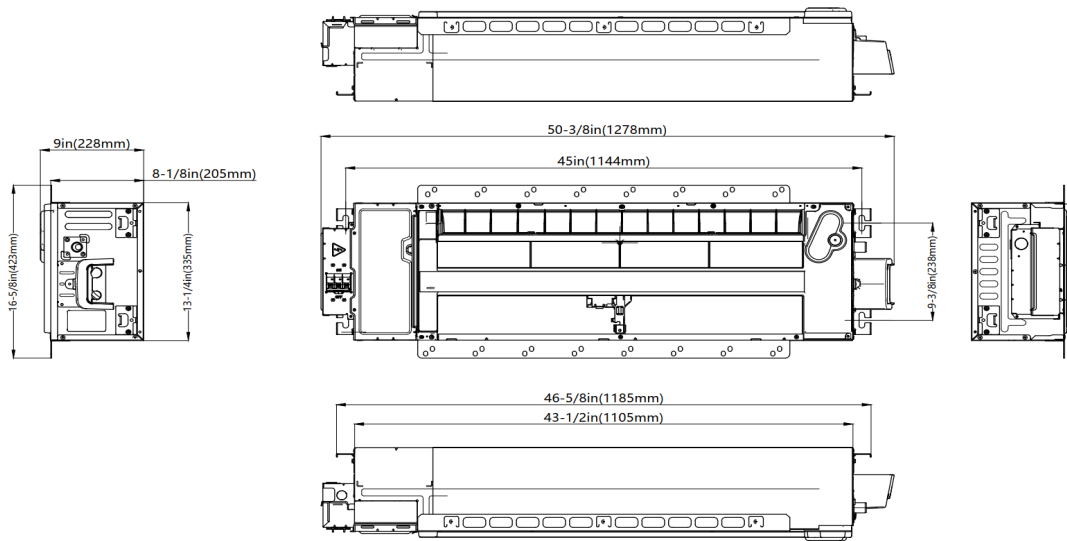
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	4000~13900
Moisture Removal(L/h)	1.69
Standard Operating Range(°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	12500
1. @ 47°F Min/Max Capacity	4600~15200
2. @ 17°F Rated	9600
3. @ 5°F Rated: Capacity / COP	11500/2.0
3. @ 5°F Max: Capacity	11500
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

ELECTRICAL	
Power Supply	208/230V, 60Hz, 1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	11.6
Outdoor Fan Motor RLA	0.5
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	923(147 ~ 1230)
System Power Input @ Heating (W)	1030(362 ~ 1377)
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)	EXV
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.02(25)
Max. Height Difference(ft/m)	49.21(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	35.27(1.00)
Additional Charge of Refrigerant(oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

Indoor Unit Dimension

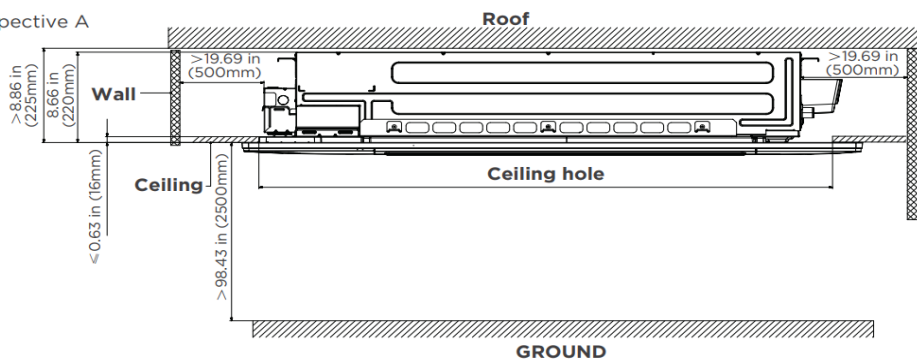


Installation Instruction

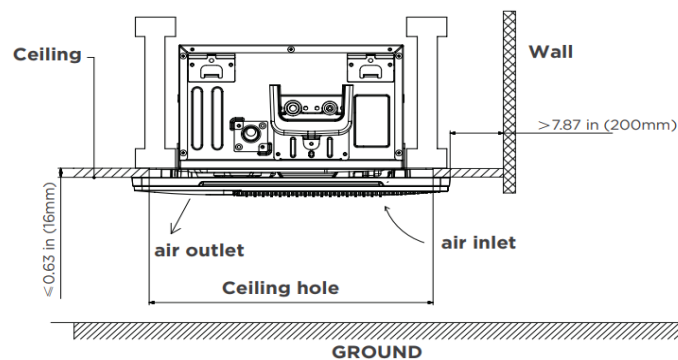
Installation place

(unit: inch/mm)

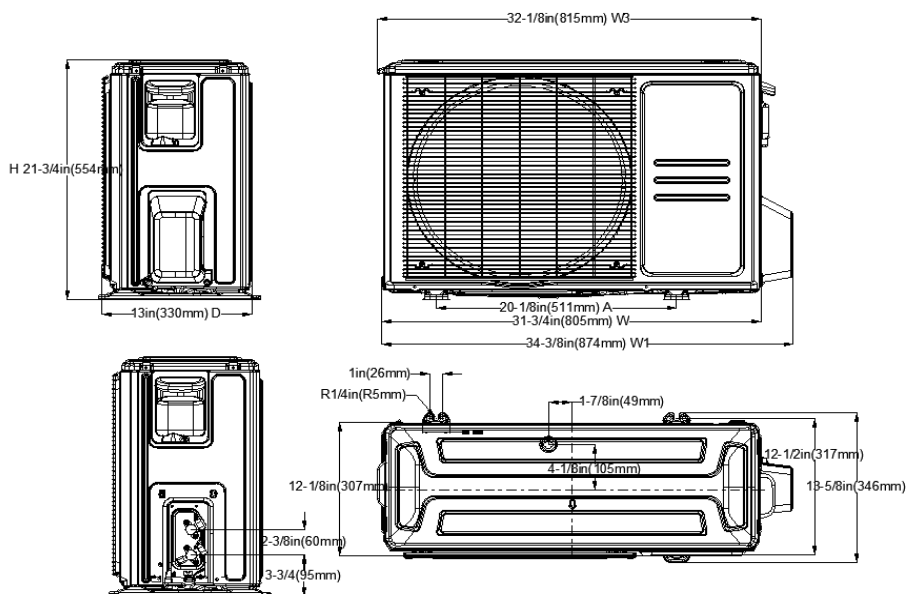
Perspective A



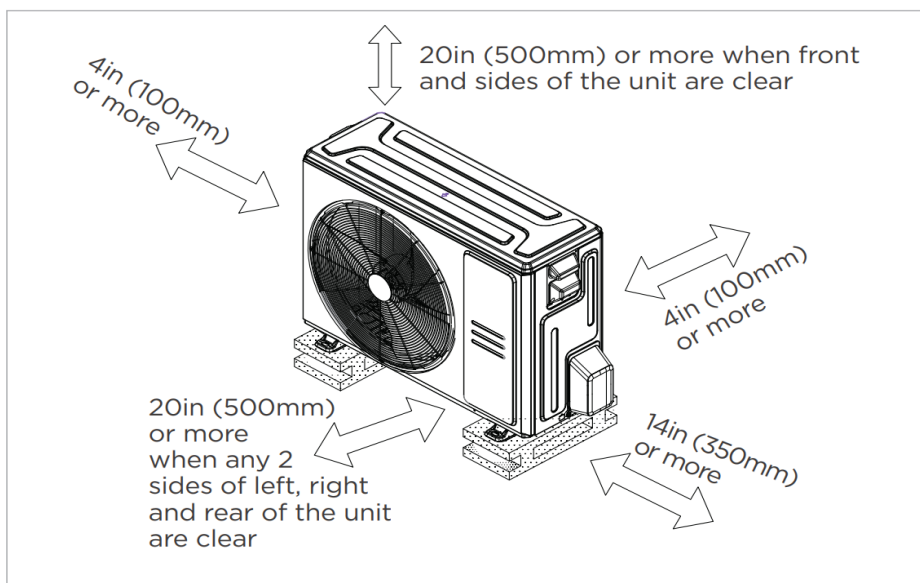
Perspective B



Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- Designed to fit between both I-joist spacing and traditional joist spacing
- Elevation panel
- Refrigerant leakage detection sensor(Optional)
- Humidity sensor
- Built-in pump
- Built-in circuit breaker
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 2-pin connector(HA/HB) for programmable wired controller
- Multiple control options available:
 - Two way communication wired controller:120N(X6)
 - Two way communication wired controller with built-in WiFi:120N(X6W)
 - Infrared wired controller: 120L
 - Wireless remote controller
 - Third-Party 24V Thermostat*

*24V interface is required.