

SUBMITTAL DATA SHEET

Series Name: Premier Series

Model Number: BZ33-HYP12OUT2-454-G3-P/BZ33-ICM12-454-G3-P

breeze33

Console 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)	441.4 / 376.7 / 323.7 / 188.4 / 129.5
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	44/40.5/37.0/26.5/24.00
Dimension(W×D×H)	inch 31-1/4 x 7-7/8 x 24-7/16 mm 794 x 200 x 621
Package(W×D×H)	inch 34-1/16 x 11 x 28-5/16 mm 865 x 280 x 719
Net/Gross Weight	lbs 32.85/41.89 kg 14.9/19

OUTDOOR SPECIFICATIONS

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)	55.5
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	HSPF2-4
EER2	COP
25.0	10.5
12.5	3.88

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	3700~14000
Moisture Removal(L/h)	1.48
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	12000
1. @ 47°F Min/Max Capacity	4400~16100
2. @ 17°F Rated	9800
3. @ 5°F Rated: Capacity / COP	11300/1.88
3. @ 5°F Max: Capacity	11300
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

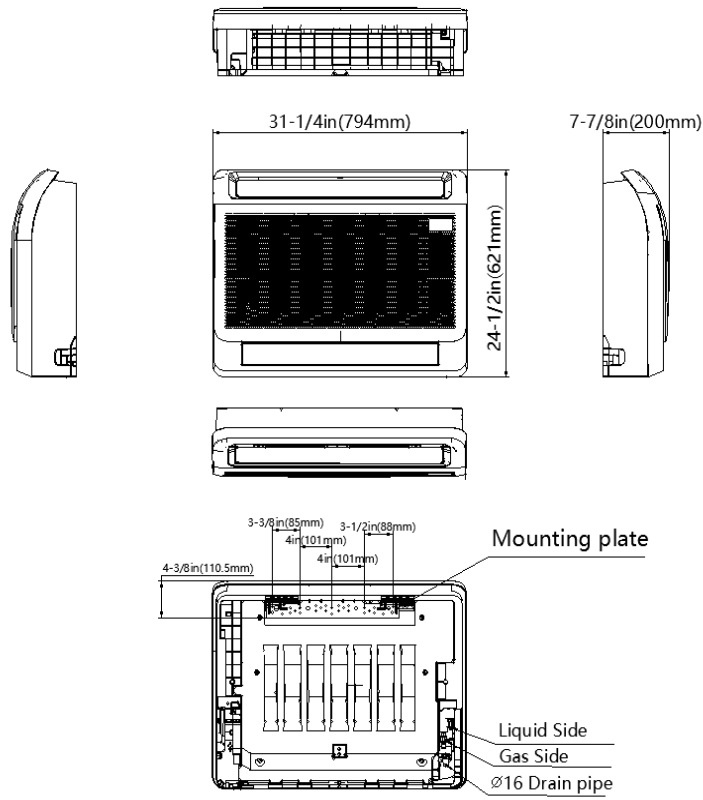
ELECTRICAL

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	0.5
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	945(190 ~ 1150)
System Power Input @ Heating (W)	906(260 ~ 1350)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

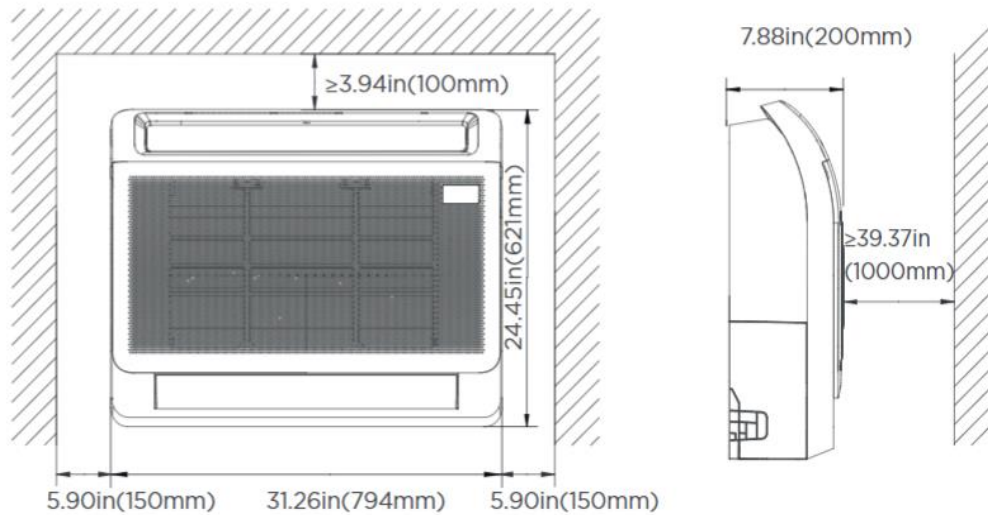
PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	1/4in
Gas Size	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/kg)	35.27(1.00)
Additional Charge of Refrigerant(oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

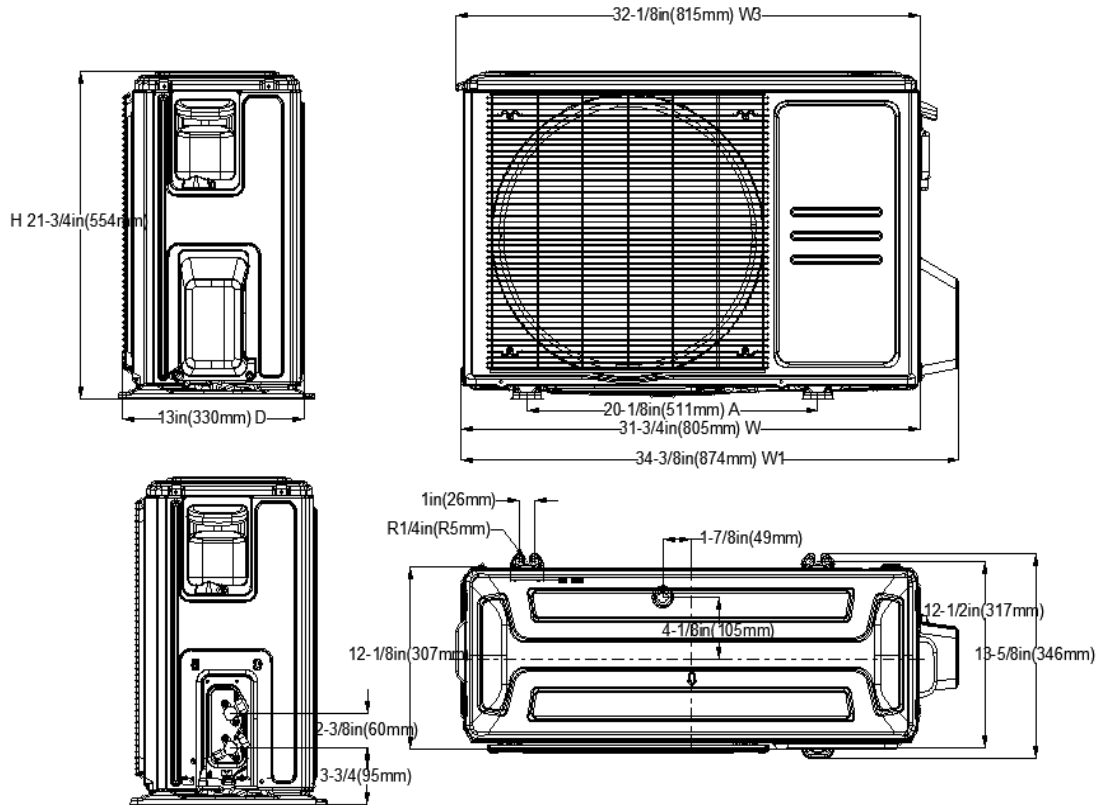
Indoor Unit Dimension



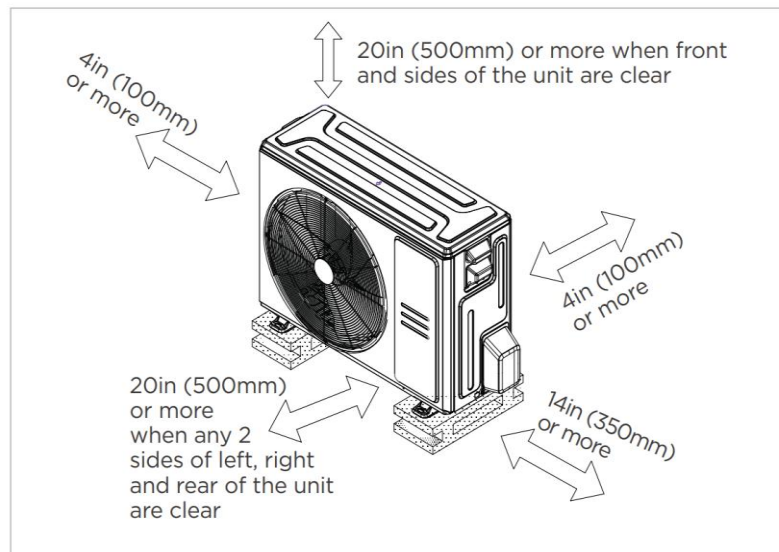
Installation Instruction



Outdoor Unit Dimension



Installation Instruction



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

FEATURES

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 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.