

SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series

Model Number: BZ33-HYP18OUT2-454-G3-P/BZ33-CASS18-454-G3-P

4-Way Cassette 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)	447.3 / 388.5 / 317.8 / 194.2 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	48/44.5/41.0/27.5/23.5
Dimension(WxDxH)	inch 22-1/2 x 22-1/2 x 9-11/16
	mm 570 x 570 x 245
Package(WxDxH)	inch 28-3/16 x 25-1/4 x 11-5/8
	mm 715 x 640 x 295
Net/Gross Weight	lbs 35.27/41.89
	kg 16.0/19.0

OUTDOOR SPECIFICATION	
Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1765.8
Outdoor Noise Level (dBA)	57.5
Dimension(WxDxH)	inch 35-1/16 x 13-1/2 x 26-1/2
	mm 890 x 342 x 673
Package(WxDxH)	inch 39-3/16 x 1-11/16 x 29-3/16
	mm 995 x 398 x 740
Net/Gross Weight	lbs 99.87/107.80
	kg 45.3/48.9

EFFICIENCY			
Cooling		Heating	
SEER2	20.0	HSPF2-4	12.3
EER2	12.5	COP	3.18

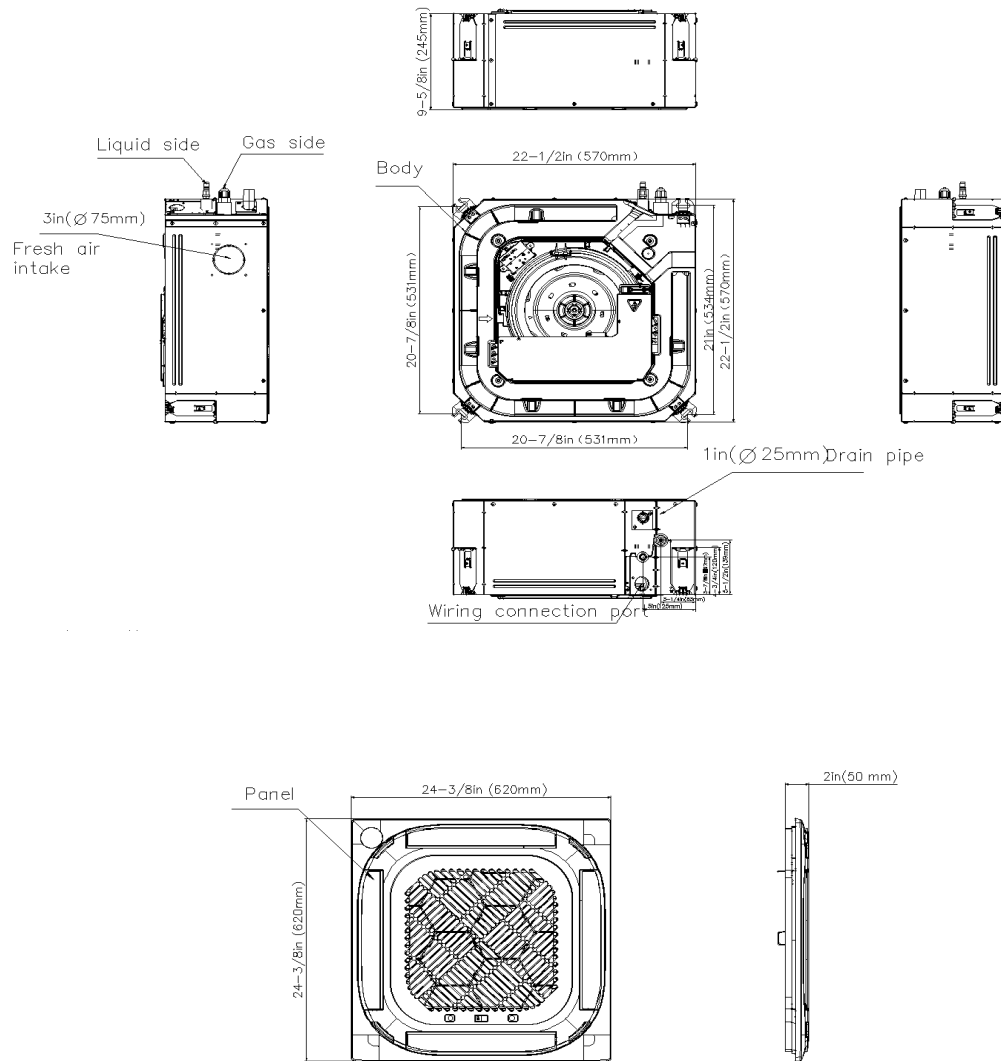
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	16000
Min/Max Capacity	7000~18500
Moisture Removal(L/h)	2.00
Standard Operating Range(°F/°C)	-22~-122(-30~-50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

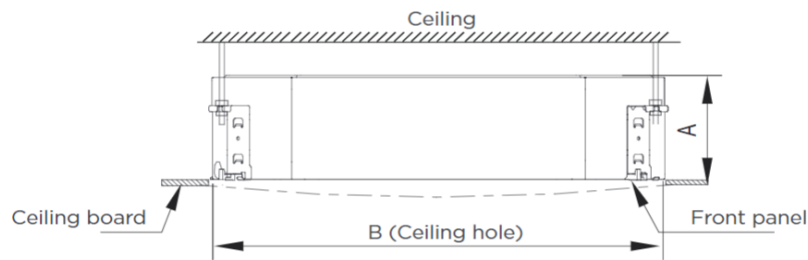
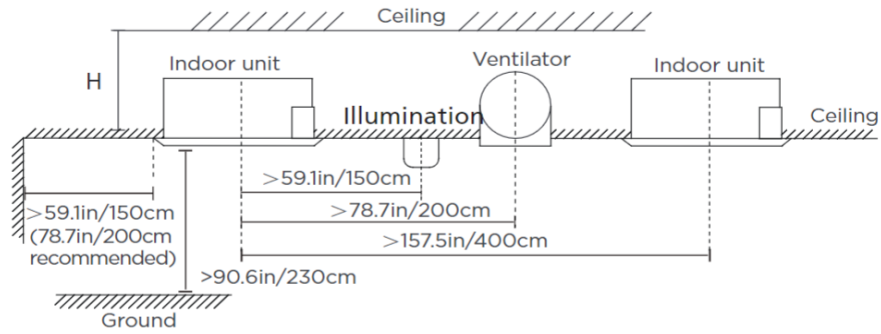
PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	19000
1. @ 47°F Min/Max Capacity	8700~20000
2. @ 17°F Rated	14900
3. @ 5°F Rated: Capacity / COP	17000/1.90
3. @ 5°F Max: Capacity	17000
Standard Operating Range(°F/°C)	-22~-75(-30~-24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F 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	19.00
Connection Wiring	14#x4
System MOC	20
Compressor RLA	11.7
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	45
System Power Input @ Cooling (W)	1280(320 ~ 1640)
System Power Input @ Heating (W)	1750(500 ~ 1950)
MCA: Min. circuit amps (A)	MOC: 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+Throttle valve
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	98.40(30)
Max. Height Difference(ft/m)	65.60(20)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	55.38(1.57)
Additional Charge of Refrigerant(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

Indoor Unit Dimension

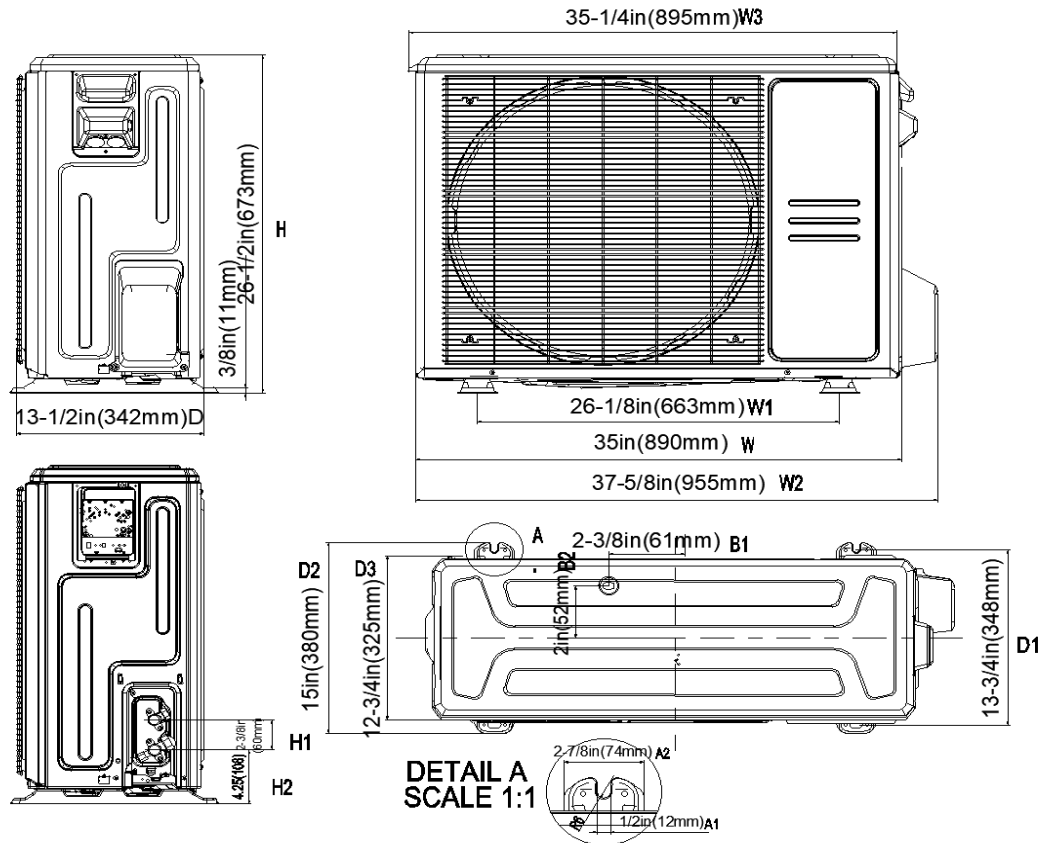




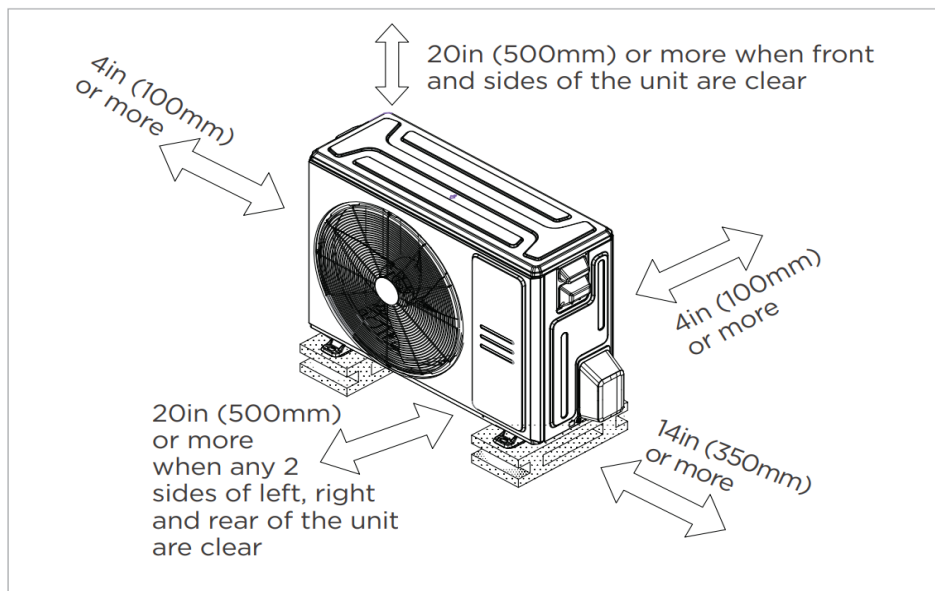
Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9.6in (245mm)	$>10.8\text{in}$ (275mm)	23.6in (600mm)
24K	8.03in (205mm)	9.06in (230mm)	35.4in (900mm)
36K	9.65in (245mm)	10.7in (271mm)	
48K	11.3in (287mm)	12.3in (313mm)	

Outdoor Unit Dimension



Installation Instruction



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

FEATURES

- 360° Air Flow
- Remote on-off and alarm ports
- Refrigerant leakage detection sensor(Optional)
- Humidity sensor
- Built-in pump
- 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.