

SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series

Model Number: BZ33-HYP33OUT2-454-G3-P / BZ33-HYP33WALL2-454-G3-P

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



EFFICIENCY			
Cooling		Heating	
SEER2	19.5	HSPF2-4	10.5
EER2	12.0	COP	3.37

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	33000
Min/Max Capacity	15000~37000
Moisture Removal(L/h)	4.2
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	36000
1. @ 47°F Min/Max Capacity	19700~37800
2. @ 17°F Rated	30000
3. @ 5°F Rated: Capacity / COP	35000/1.98
3. @ 5°F Max: Capacity	35000
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

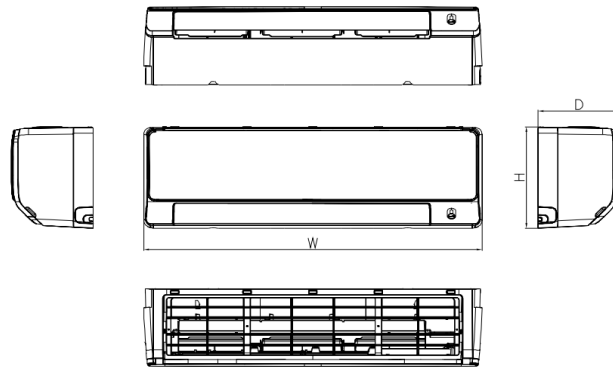
INDOOR SPECIFICATION	
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	865.2 / 735.8 / 600.4 / 423.8 / /
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	57.0/53.0/46.5/35.5/29.5
Dimension(WxDxH)	inch 46-7/8 x 11-3/16 x 14-9/16
	mm 1190 x 285 x 371
Package(WxDxH)	inch 50-3/8 x 14-3/16 x 17-15/16
	mm 1280 x 360 x 455
Net/Gross Weight	lbs 43.21/55.78
	kg 19.6/25.3

OUTDOOR SPECIFICATION	
Compressor Type	TWIN-ROTARY
Compressor Model	KTF420D62UNT
Refrigerant	R454B
Refrigerant Oil Charge(mL)	1000
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2235.294118
Outdoor Noise Level (dBA)	63.5
Dimension(WxDxH)	inch 37-1/4 x 16-1/8 x 31-7/8
	mm 946 x 410 x 810
Package(WxDxH)	inch 42-15/16 x 19-11/16 x 34-13/16
	mm 1090 x 500 x 885
Net/Gross Weight	lbs 156.97/167.99
	kg 71.2/76.2

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	34.0
Connection Wiring	14#x4
System MOCP	35
Compressor RLA	24.5
Outdoor Fan Motor RLA	1.5
Outdoor Fan Motor W	230
Indoor Fan Motor RLA	1.6
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	2750(440 ~ 3450)
System Power Input @ Heating (W)	3131(1250 ~ 3970)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

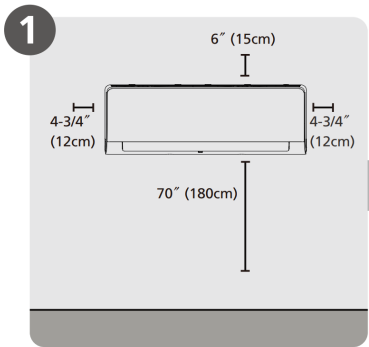
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	164.00(50)
Max. Height Difference(ft/m)	82.00(25)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	87.13(2.47)
Additional Charge of Refrigerant(oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Indoor Unit Dimension

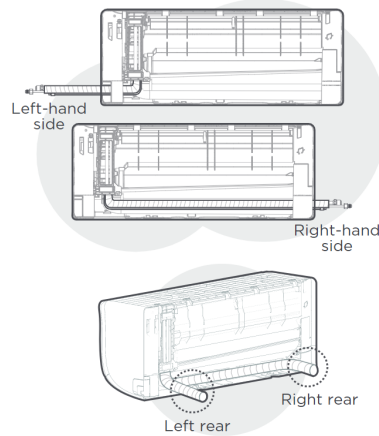


Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	848	233	300
		inch	33-3/8	9-1/8	11-3/4
18k~24k	C	mm	1017	248	319
		inch	40	9-3/4	12-1/2
24k~36k	D	mm	1190	285	371
		inch	46-7/8	11-1/4	14-5/8

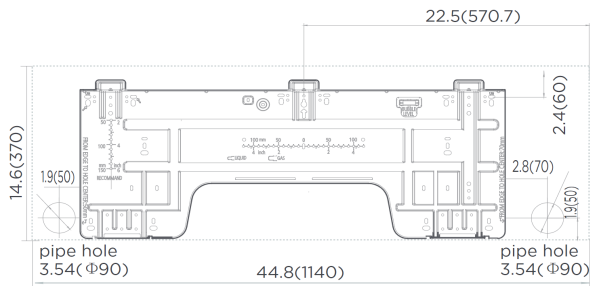
Installation Instruction



Select Installation Location

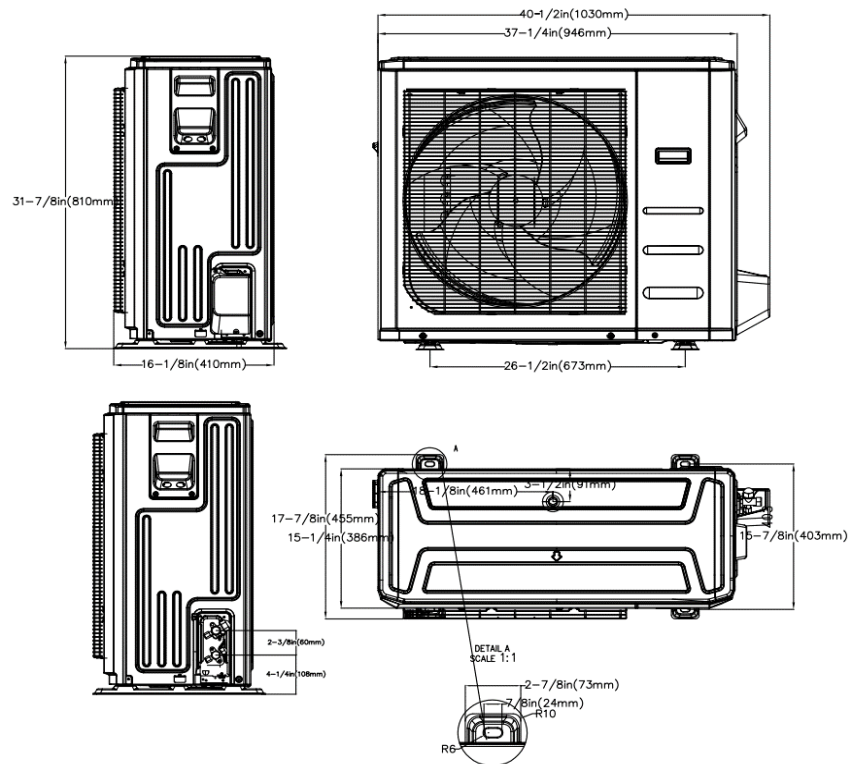


NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.

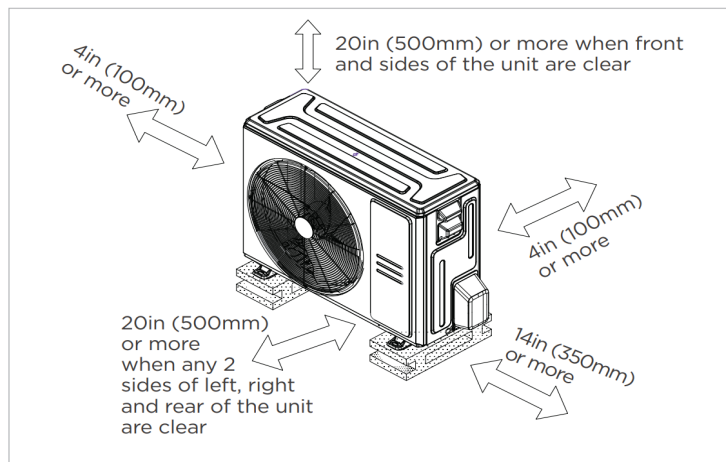


NOTE:
When the gas side connective pipe is Φ (5/8in) 16mm or more, the wall hole should be (3-1/2in) 90mm.

Outdoor Unit Dimension



Installation Instruction



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

FEATURES

- Intelligent eye
- Easy maintenance design
- Indoor unit TU1 copper coil
- Humidity control
- 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.