

# SUBMITTAL DATA SHEET

**breeze33**

Series Name: Premier Series  
Model Number: BZ33-HP365Z2-454-G3-P

## Multi Zone Heat Pump System

|               |               |
|---------------|---------------|
| Location:     | Approval:     |
| Engineer:     | Date:         |
| Submitted to: | Construction: |
| Submitted by: | Unit #:       |
| Reference:    | Drawing #:    |



## OUTDOOR SPECIFICATIONS

|                              |                               |
|------------------------------|-------------------------------|
| Compressor Type              | ROTARY                        |
| Compressor Model             | KTF310D43UMT                  |
| Refrigerant                  | R454B                         |
| Refrigerant Oil Charge(mL)   | 1000                          |
| Refrigerant Oil              | V74                           |
| Outdoor Air Flow (Max) (CFM) | 2148.4                        |
| Outdoor Noise Level (dBA)    | 62.5                          |
| Dimension(WxDxH)             | inch 37-1/4 x 16-1/7 x 31-8/9 |
|                              | mm 946 x 410 x 810            |
| Package(WxDxH)               | inch 43 x 19-2/3 x 34-5/6     |
|                              | mm 1090 x 500 x 885           |
| Net/Gross Weight             | lbs 168.87/180.12             |
|                              | kg 76.6/81.7                  |

## ELECTRICAL

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Power Supply                     | 208/230V/60Hz/1Ph                      |
| System MCA                       | 30.5                                   |
| Connection Wiring                | AWG 14-4                               |
| System MOCP                      | 35                                     |
| Compressor RLA                   | 17                                     |
| Outdoor Fan Motor RLA            | 1.3                                    |
| Outdoor Fan Motor W              | 120                                    |
| Indoor Fan Motor RLA             | /                                      |
| Indoor Fan Motor W               | /                                      |
| System Power Input @ Cooling (W) | 2990/(600 ~ 4500)                      |
| System Power Input @ Heating (W) | 3389/(600 ~ 3600)                      |
| MCA: Min. circuit amps (A)       | MOCP: Max. over current protection (A) |
| RLA: Rated load amps (A)         | W: Fan motor rated output (W)          |

## EFFICIENCY

| Cooling | Heating |
|---------|---------|
| SEER2   | 20      |
| EER2    | 11.7    |
| HSPF2-4 | 9.2     |
| COP     | 3.2     |

## PERFORMANCE of Cooling

| Cooling (Btu/hr)                |                                                     |
|---------------------------------|-----------------------------------------------------|
| Rated Capacity                  | 35000                                               |
| Min/Max Capacity                | 9000~40000                                          |
| Moisture Removal(L/h)           | 0.1                                                 |
| Standard Operating Range(°F/°C) | -13~122/(-25~50)                                    |
| Rated Cooling Conditions:       | Indoor: 80°F DB/67°F WB<br>Outdoor: 95°F DB/75°F WB |

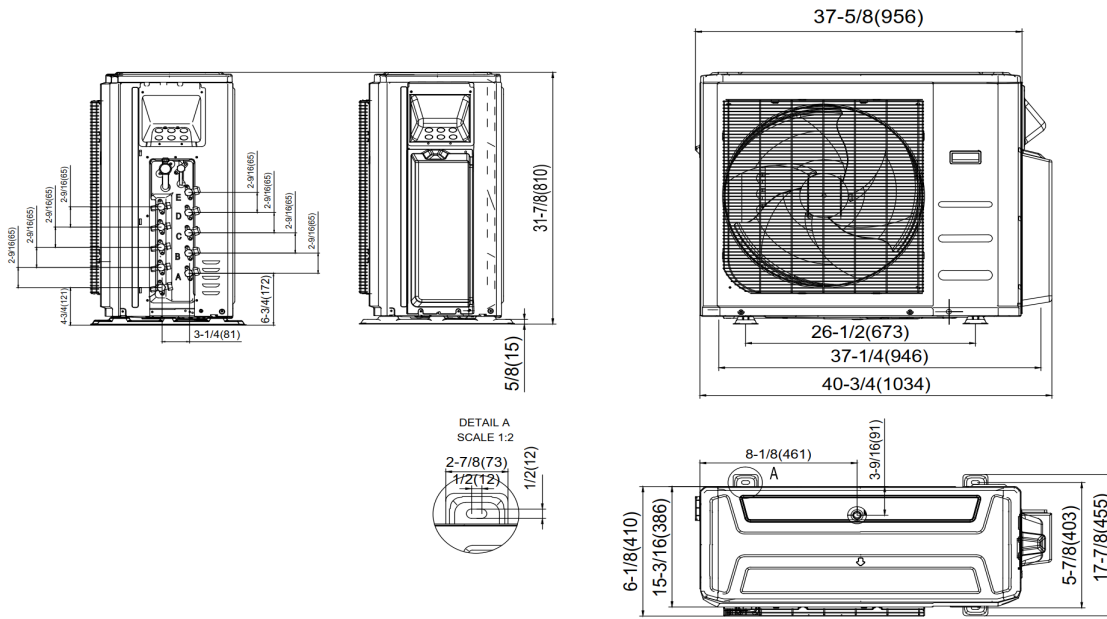
## PERFORMANCE of Heating

| Heating (Btu/hr)                    |                                                     |
|-------------------------------------|-----------------------------------------------------|
| 1. @ 47°F Rated                     | 37000                                               |
| 1. @ 47°F Min/Max Capacity          | 10000~40500                                         |
| 2. @ 17°F Rated(H32)                | 26400                                               |
| 3. @ 5°F Rated: Capacity / COP(H42) | 26000/2                                             |
| 3. @ 5°F Max: Capacity              | 26000                                               |
| Standard Operating Range(°F/°C)     | -13~75/(-25~24)                                     |
| 1. Conditions:                      | Indoor: 70°F DB/60°F WB<br>Outdoor: 47°F DB/43°F WB |
| 2. Conditions:                      | Indoor: 70°F DB/60°F WB<br>Outdoor: 17°F DB/15°F WB |
| 3. Conditions:                      | Indoor: 70°F DB/60°F WB<br>Outdoor: 5°F DB/5°F WB   |

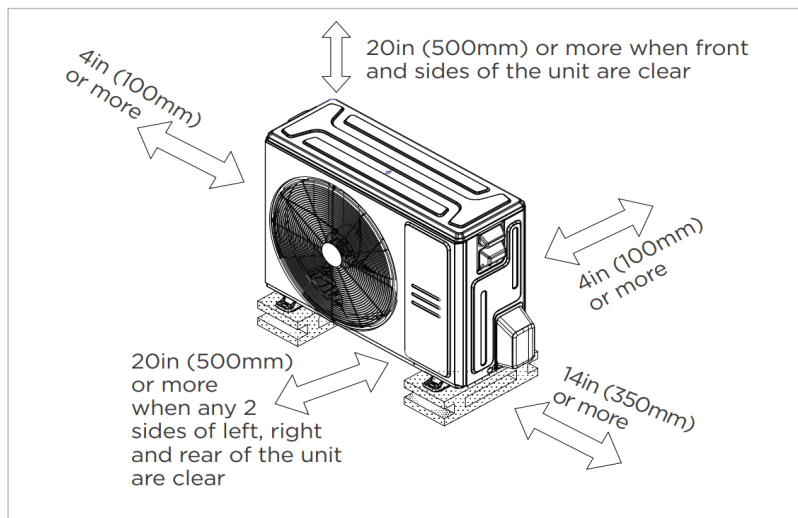
## PIPING

|                                                                             |                                    |
|-----------------------------------------------------------------------------|------------------------------------|
| Liquid Size                                                                 | 5x6.35mm(5x1/4in)                  |
| Gas Size                                                                    | 4x9.52mm+1x12.7mm(4x3/8in+1x1/2in) |
| Max. Piping Length for all rooms(ft/m)                                      | 262.4/(80)                         |
| Max. Piping Length for one IDU(ft/m)                                        | 114.8/(35)                         |
| Max. Height Difference of IDU and ODU(ft/m)                                 | 49.2/(15)                          |
| Refrigerant Pre-charged Amount(oz/kg)                                       | 120.63/(3.42)                      |
| Refrigerant Precharge Length(ft/m)                                          | 24.6(7.5)x5                        |
| Additional Charge of Refrigerant (Ø6.35 (1/4") liquid pipe) ((oz/ft)/(g/m)) | 0.16/(15)                          |
| Additional Charge of Refrigerant (Ø9.52 (3/8") liquid pipe) ((oz/ft)/(g/m)) | 0.32/(30)                          |
| Connection Method                                                           | Flared                             |

# Outdoor Unit Dimension



# Installation Instruction



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