

# SUBMITTAL DATA SHEET

## Inverter Ducted Heat Pump System

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

### SYSTEM INFORMATION

|                  |           |                 |
|------------------|-----------|-----------------|
| System Model     |           | BNG3Z36UCN-36DH |
| Cooling Capacity | BTU/hr    | 34000           |
| Heating Capacity | BTU/hr    | 34000           |
| SEER2            |           | 18              |
| HSPF2            |           | 10              |
| EER2             | (BTU/h)/W | 12              |
| COP              | W/W       | 3.2             |

### OUTDOOR UNIT SPECIFICATION

|                       |      |                    |
|-----------------------|------|--------------------|
| Model Number          |      | BNG3Z36UCN         |
| Compressor Type       |      | Inverter Rotary    |
| Compressor RLA        | A    | 19.7               |
| Fan Type              |      | Axial-flow         |
| Fan Quantity          |      | 1                  |
| Fan Motor Output      |      | 1/6 HP             |
| Airflow               | CFM  | 3176               |
| Sound Pressure Level  | dBA  | 61                 |
| Dimension (W × D × H) | inch | 39.0 × 14.6 × 37.8 |
| Net/Gross Weight      | lbs  | 187.4 / 211.6      |

### AIR HANDLER SPECIFICATION

|                          |      |                            |
|--------------------------|------|----------------------------|
| Model Number             |      | BNG3Z36DH0                 |
| Unit Type                |      | Multi-Position Air Handler |
| Fan Type                 |      | Centrifugal                |
| Fan Motor Output         |      | 1/2 HP                     |
| Fan Motor FLA            | A    | 3.20                       |
| Airflow                  | CFM  | 1000                       |
| External Static Pressure | inWG | 0.5                        |
| Static Pressure Range    | inWG | 0-1                        |
| Sound Pressure Level     | dBA  | 51                         |
| Electric Heater Options  | W    | 6000/9000/12000 W          |
| Dimension (W × D × H)    | inch | 21.26 × 21.26 × 48.19      |

|                  |     |               |
|------------------|-----|---------------|
| Net/Gross Weight | lbs | 163.1 / 178.6 |
|------------------|-----|---------------|

| ELECTRICAL                   |                       |
|------------------------------|-----------------------|
| Power Supply                 | 208-230V / 1Ph / 60Hz |
| Cooling Power Input          | 2.83 kW               |
| Heating Power Input          | 3.11 kW               |
| Cooling Current              | 14.89 A               |
| Heating Current              | 14.92 A               |
| MCA (Min. Circuit Ampacity)  | 27.7 A                |
| Max. Over Current Protection | 30 A                  |

| REFRIGERANT        |          |
|--------------------|----------|
| Refrigerant Type   | R32      |
| Refrigerant Charge | 102.3 oz |
| GWP                | 675      |

| OPERATING CONDITIONS              |                               |
|-----------------------------------|-------------------------------|
| Cooling Ambient Temperature Range | 5°F to 129°F (-15°C to 54°C)  |
| Heating Ambient Temperature Range | -22°F to 75°F (-30°C to 24°C) |

| PIPING / LINE SET             |             |
|-------------------------------|-------------|
| Liquid Line (OD)              | 3/8"        |
| Gas/Suction Line (OD)         | 3/4"        |
| Pre-Charged Line Set Length   | 24.6 ft     |
| Max. Line Set Length          | 98.4 ft     |
| Max. Height Difference        | 49.2 ft     |
| Additional Refrigerant Charge | 0.323 oz/ft |

RLA: Rated Load Amps | FLA: Full Load Amps | MCA: Minimum Circuit Ampacity | GWP: Global Warming Potential

**AHRI Certified | ETL Listed**

Model: BNG3Z36UCN-36DH