

# SUBMITTAL DATA SHEET

## Inverter Ducted Heat Pump System

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

### SYSTEM INFORMATION

System Model		BNG2Z36SCN-36DH
Cooling Capacity	BTU/hr	34000
Heating Capacity	BTU/hr	34000
SEER2		19
HSPF2		8.3
EER2	(BTU/h)/W	11.7
COP	W/W	3.49

### OUTDOOR UNIT SPECIFICATION

Model Number		BNG2Z36SCN
Compressor Type		Inverter Rotary
Compressor RLA	A	17.5
Fan Type		Axial-flow
Fan Quantity		1
Fan Motor Output		2×1/8 HP
Airflow	CFM	2235
Sound Pressure Level	dBA	60
Dimension (W × D × H)	inch	36.25 × 14.56 × 29.38
Net/Gross Weight	lbs	125.0 / 133.4

### AIR HANDLER SPECIFICATION

Model Number		BNG2Z36DH0
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
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ELECTRICAL	
Power Supply	208-230V / 1Ph / 60Hz
Cooling Power Input	2.91 kW
Heating Power Input	2.85 kW
Cooling Current	14.1 A
Heating Current	13.8 A
MCA (Min. Circuit Ampacity)	21.6 A
Max. Over Current Protection	25 A

REFRIGERANT	
Refrigerant Type	R32
Refrigerant Charge	98.8 oz
GWP	675

OPERATING CONDITIONS	
Cooling Ambient Temperature Range	5°F to 118°F (-15°C to 48°C)
Heating Ambient Temperature Range	5°F to 75°F (-15°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	0.215 oz/ft

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

**AHRI Certified | ETL Listed**

Model: BNG2Z36SCN-36DH