

SUBMITTAL DATA SHEET

Inverter Heat Pump Condensing Unit

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

UNIT SPECIFICATION

Model Number		BNG3Z60UCN
Series		Ultra Heat
Cooling Capacity	BTU/hr	53,000
Heating Capacity	BTU/hr	53,000
SEER2		18.5-19
HSPF2		10-10.5
EER2	(BTU/h)/W	11.7
COP	W/W	3.4

COMPRESSOR

Type		Inverter Rotary
Model		QXAT-F400zN450
RLA	A	30.1
LRA	A	N/A
Oil Type		FW68DA (FW68L)

OUTDOOR FAN

Fan Type		Axial-flow
Fan Quantity		2
Motor Output		2×1/6 HP
Motor Speed		800 rpm
Airflow	CFM	4000
Sound Pressure Level	dBA	63
Sound Power Level	dBA	73

ELECTRICAL

Power Supply		208-230V / 1Ph / 60Hz
Voltage Range		187-253 V
Cooling Power Input		4.53 kW
Heating Power Input		4.65 kW
Max Cooling Power		6.71 kW
Max Heating Power		7.0 kW

Cooling Current	24.53 A
Heating Current	23.44 A
MCA (Min. Circuit Ampacity)	39.9 A
Max. Over Current Protection	45 A

REFRIGERANT	
Refrigerant Type	R32
Refrigerant Charge	162.3 oz
GWP	675

DIMENSIONS	
Dimension (W × D × H)	35.4" × 13.4" × 49.6"
Net Weight	241.4 lbs
Gross Weight	263.5 lbs

OPERATING CONDITIONS / PIPING	
Cooling Ambient Range	5°F to 129°F (-15°C to 54°C)
Heating Ambient Range	-22°F to 75°F (-30°C to 24°C)
Liquid Line (OD)	3/8"
Gas Line (OD)	3/4"
Pre-Charged Line Set	24.6 ft
Max. Line Set Length	98.4 ft
Max. Height Difference	49.2 ft
Additional Refrigerant	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: BNG3Z60UCN