

SUBMITTAL DATA SHEET

Inverter Heat Pump Condensing Unit

Location:

Approval:

Engineer:

Date:

Submitted to:

Construction:

Submitted by:

Unit #:

Reference:

Drawing #:

UNIT SPECIFICATION

Model Number		BNG3Z18UCN
Series		Ultra Heat
Cooling Capacity	BTU/hr	18,000
Heating Capacity	BTU/hr	18,000
SEER2		18.5
HSPF2		9.0
EER2	(BTU/h)/W	12.5
COP	W/W	3.51

COMPRESSOR

Type		Inverter Rotary
Model		QXQT-D25zF050C
RLA	A	15
LRA	A	N/A
Oil Type		RM-V68GL

OUTDOOR FAN

Fan Type		Axial-flow
Fan Quantity		1
Motor Output		0.083 HP
Motor Speed		800 rpm
Airflow	CFM	2235
Sound Pressure Level	dBA	59
Sound Power Level	dBA	69

ELECTRICAL

Power Supply	208-230V / 1Ph / 60Hz
Voltage Range	187-253 V
Cooling Power Input	1.44 kW
Heating Power Input	1.46 kW
Max Cooling Power	3.1 kW
Max Heating Power	2.6 kW

Cooling Current	9.8 A
Heating Current	9.8 A
MCA (Min. Circuit Ampacity)	19 A
Max. Over Current Protection	20 A

REFRIGERANT	
Refrigerant Type	R32
Refrigerant Charge	56.4 oz
GWP	675

DIMENSIONS	
Dimension (W × D × H)	36.25" × 14.56" × 29.38"
Net Weight	133.4 lbs
Gross Weight	143.3 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 (-34°C to 24°C)
Liquid Line (OD)	1/4"
Gas Line (OD)	1/2"
Pre-Charged Line Set	24.6 ft
Max. Line Set Length	65.6 ft
Max. Height Difference	32.8 ft
Additional Refrigerant	0.108 oz/ft

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

AHRI Certified | ETL Listed

Model: BNG3Z18UCN