

SUBMITTAL DATA SHEET

Inverter Heat Pump Condensing Unit

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

UNIT SPECIFICATION

Model Number		BNG3Z36UCN
Series		Ultra Heat
Cooling Capacity	BTU/hr	34,000
Heating Capacity	BTU/hr	34,000
SEER2		18
HSPF2		10
EER2	(BTU/h)/W	12
COP	W/W	3.2

COMPRESSOR

Type		Inverter Rotary
Model		QXFT-F310zN450B
RLA	A	19.7
LRA	A	N/A
Oil Type		FW68DA (FW68L)

OUTDOOR FAN

Fan Type		Axial-flow
Fan Quantity		1
Motor Output		1/6 HP
Motor Speed		800 rpm
Airflow	CFM	3176
Sound Pressure Level	dBA	61
Sound Power Level	dBA	71

ELECTRICAL

Power Supply		208-230V / 1Ph / 60Hz
Voltage Range		187-253 V
Cooling Power Input		2.83 kW
Heating Power Input		3.11 kW
Max Cooling Power		4.6 kW
Max Heating Power		5.6 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

DIMENSIONS	
Dimension (W × D × H)	39.0" × 14.6" × 37.8"
Net Weight	187.4 lbs
Gross Weight	211.6 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	0.323 oz/ft

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

AHRI Certified | ETL Listed

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