

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-24DH
Cooling Capacity	BTU/hr	34000
Heating Capacity	BTU/hr	34000
SEER2		18
HSPF2		10
EER2	(BTU/h)/W	12
COP	(BTU/h)/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		BNG3Z24DH0
Unit Type		Multi-Position Air Handler
Fan Type		Centrifugal
Fan Motor Output		1/2 HP
Fan Motor FLA	A	1.20
Airflow	CFM	760
External Static Pressure	inWG	0.5
Static Pressure Range	inWG	0-1
Sound Pressure Level	dBA	50
Electric Heater Options	W	6000 W
Dimension (W × D × H)	inch	18.11 × 21.26 × 43.5

Net/Gross Weight	lbs	135.6 / 144.4
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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

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