

SUBMITTAL DATA SHEET

Inverter Ducted Heat Pump System

Location:

Approval:

Engineer:

Date:

Submitted to:

Construction:

Submitted by:

Unit #:

Reference:

Drawing #:

SYSTEM INFORMATION

System Model		BNG3Z18UCN-18DH
Cooling Capacity	BTU/hr	18000
Heating Capacity	BTU/hr	18000
SEER2		18.5
HSPF2		9.0
EER2	(BTU/h)/W	12.5
COP	(BTU/h)/W	3.6

OUTDOOR UNIT SPECIFICATION

Model Number		BNG3Z18UCN
Compressor Type		Inverter Rotary
Compressor RLA	A	15
Fan Type		Axial-flow
Fan Quantity		1
Fan Motor Output		0.083 HP
Airflow	CFM	2235
Sound Pressure Level	dBA	59
Dimension (W × D × H)	inch	36.25 × 14.56 × 29.38
Net/Gross Weight	lbs	133.4 / 143.3

AIR HANDLER SPECIFICATION

Model Number		BNG3Z18DH0
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	1.44 kW
Heating Power Input	1.46 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

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 (-34°C to 24°C)

PIPING / LINE SET	
Liquid Line (OD)	1/4"
Gas/Suction Line (OD)	1/2"
Pre-Charged Line Set Length	24.6 ft
Max. Line Set Length	65.6 ft
Max. Height Difference	32.8 ft
Additional Refrigerant Charge	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-18DH