

SUBMITTAL DATA SHEET

Inverter Ducted Heat Pump System

Location:

Approval:

Engineer:

Date:

Submitted to:

Construction:

Submitted by:

Unit #:

Reference:

Drawing #:

SYSTEM INFORMATION

System Model		BNG2Z60SCN-60DH
Cooling Capacity	BTU/hr	54000
Heating Capacity	BTU/hr	54000
SEER2		19
HSPF2		9.5
EER2	(BTU/h)/W	11.7
COP	(BTU/h)/W	3.4

OUTDOOR UNIT SPECIFICATION

Model Number		BNG2Z60SCN
Compressor Type		Inverter Rotary
Compressor RLA	A	30.1
Fan Type		Axial-flow
Fan Quantity		2
Fan Motor Output		2×1/6 HP
Airflow	CFM	4000
Sound Pressure Level	dBA	63
Dimension (W × D × H)	inch	35.44 × 13.38 × 49.63
Net/Gross Weight	lbs	214.0 / 236.0

AIR HANDLER SPECIFICATION

Model Number		BNG2Z60DH0
Unit Type		Multi-Position Air Handler
Fan Type		Centrifugal
Fan Motor Output		1 HP
Fan Motor FLA	A	6.00
Airflow	CFM	1500
External Static Pressure	inWG	0.5
Static Pressure Range	inWG	0-1
Sound Pressure Level	dBA	53
Electric Heater Options	W	6000/9000/12000 W
Dimension (W × D × H)	inch	24.80 × 21.26 × 51.97

Net/Gross Weight	lbs	199.5 / 218.3
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ELECTRICAL	
Power Supply	208-230V / 1Ph / 60Hz
Cooling Power Input	4.62 kW
Heating Power Input	4.66 kW
Cooling Current	21.1 A
Heating Current	21.3 A
MCA (Min. Circuit Ampacity)	35.5 A
Max. Over Current Protection	40 A

REFRIGERANT	
Refrigerant Type	R32
Refrigerant Charge	148.2 oz
GWP	675

OPERATING CONDITIONS	
Cooling Ambient Temperature Range	5°F to 118°F (-15°C to 48°C)
Heating Ambient Temperature Range	5°F to 75°F (-15°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	0.215 oz/ft

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

AHRI Certified | ETL Listed

Model: BNG2Z60SCN-60DH