



BHA series

Single Package Heat Pumps

Model B1HA018 THRU 042
1.5 THRU 3.5 NOMINAL TONS
Up to 11.0 SEER / 7.0 HSPF

These packaged heat pumps are designed for outdoor installation, which saves space in the indoor living area. Only utility and duct connections are required at the point of installation. Field-installed electric heater accessories are available to provide electric heat, if necessary.

These BHA models will keep your home comfortable year round under any condition, efficiently and effectively. Offered standard with each unit is a 5 year limited compressor and electric heat element warranty, and a 1 year limited parts warranty.

Product Benefits:

- **Low Operating Cost** - BHA models are much more efficient than older heat pump models, so they can reduce energy costs for cooling by as much as 40% when replacing an older unit. Heating costs can also be substantially reduced by these high efficiency heating systems. All units provide high operating efficiencies of 10 SEER, 3.0 COP, and up to 7.0 HSPF. All efficiencies well exceed legislated minimum levels.
- **Durable Finish** - With a heavy duty cabinet made of powder-painted, galvanized steel, the neutral color blends into surrounding areas. This powdered paint provides a better surface to surface bond, which resists corrosion and rust creep. The special primer formulas and glossy earth tone finish ensure less fading when exposed to sunlight and offers a more attractive appearance. The paint finish exceeds ASTM-B117 standards for 750 hours salt spray rating, which is the highest in the industry.
- **Quiet Operation** - The upward air flow carries the normal operating noise up and away from the living area. The rigid top panel effectively isolates any motor sound.

Champion



Isolator mounted compressor and the rippled fins of the condenser coil muffle the normal fan motor and compressor operating sounds, allowing your unit to run quietly.

- **Easy Service Access** - A large, single hinged panel covers the electrical controls and makes servicing very easy. The blower compartment has an additional large panel with a built-in handle tab. Removing this panel will allow the blower assembly to slide-out for easy removal and trouble shooting.
- **More Attractive Appearance** - A single piece "Water Shed" top cover containing a top discharge condenser fan arrangement requires less square footage on installation and provides a wider variety of installations. The one piece design adds greater water integrity. Rounded corners with water drip edges add to the unit's attractive appearance. The cabinet panels have a non-fibrous insulation area that does not add insulation fibers into the conditioned area.
- **Exclusive Coil Design** - Grooved copper tubes and enhanced aluminum fin construction improve heat transfer for maximum efficiency and durability.
- **Protected Compressor** - The compressor is internally protected against high pressure and temperature. This is accomplished by the simultaneous operation of high pressure relief valve and a temperature sensor which protects the compressor if undesirable operating conditions occur.
- **Low Maintenance** - Long life, permanently lubricated condenser, and evaporator fan motor bearings need no annual maintenance adding greater reliability to the unit. Blower assembly can be easily cleaned by the unique "Slip Track" slide-out blower assembly.

PRODUCT SPECIFICATIONS

MODEL BHA	NET COOLING ¹		HSPF	SOUND RATINGS	NET HEATING CAPACITY				DIMENSIONS (INCHES)		
	MBH	SEER			@ 47° F		@ 17° F		HEIGHT	WIDTH	DEPTH
					MBH	COP	MBH	COP			
B1HA018A06	18.0	10.0	6.8	7.7	18.0	3.2	9.2	2.0	33-1/2	49-1/8	47-1/4
B1HA024A06	23.6	10.5	7.0	7.5	23.8	3.1	12.0	2.0	33-1/2	49-1/8	47-1/4
B1HA030A06	29.2	10.5	7.0	7.9	29.0	3.2	14.7	2.0	33-1/2	49-1/8	47-1/4
B1HA036A06	36.0	10.0	7.0	8.3	36.0	3.3	19.3	2.0	33-1/2	49-1/8	47-1/4
B1HA036A25	36.0	10.0	7.0	8.3	36.0	3.3	19.3	2.0	33-1/2	49-1/8	47-1/4
B1HA036A46	36.0	10.0	7.0	8.3	36.0	3.3	19.3	2.0	33-1/2	49-1/8	47-1/4
B1HA036A58	36.0	10.0	7.0	8.3	36.0	3.3	19.3	2.0	33-1/2	49-1/8	47-1/4
B1HA042A06	41.5	10.0	7.0	8.3	41.5	3.3	21.2	2.0	33-1/2	49-1/8	47-1/4
B1HA042A25	41.5	10.0	7.0	8.3	41.5	3.3	21.2	2.0	33-1/2	49-1/8	47-1/4
B1HA042A46	41.5	10.0	7.0	8.3	41.5	3.3	21.2	2.0	33-1/2	49-1/8	47-1/4
B1HA042A58	41.5	10.0	7.0	8.3	41.5	3.3	21.2	2.0	33-1/2	49-1/8	47-1/4

SEER = Seasonal Energy Efficiency Ratio - the total cooling output in BTU's during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period.

1 = ARI conditions. 06=208/230/1/60 voltage 46=460/3/60 voltage 25=208/230/3/60 voltage 58=575/3/60 voltage
 MBH = BTU's x 1000

HSPF = Heating Seasonal Performance Factor - the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.
 (Based on Region IV minimum design heating requirement)

COP - Coefficient of Performance - the total heating capacity provided by the refrigeration system, including circulating fan heat, but excluding supplementary resistance (BTU's per hour) divided by the total electric input (watts) x 3.412.

Because of our policy of continuous development, we reserve the right to make changes in specifications without notice.

