

Acclimate™ Series Heat Pumps

HL8B Model—18 SEER



Helping grant wishes one home at a time!

Brayton, 3

I wish to go to the Florida theme parks

life-threatening blood disease



Proud sponsor of Make-A-Wish®

LUXAIRE®
HEATING ■ AIR CONDITIONING

We have the comfort you've been



Comfort has never been this efficient

With the most efficient Luxaire® Acclimate™ heat pump ever, you'll enjoy year-round comfort from a system designed to perform in any season. In the summer, the Acclimate™ operates like an air conditioner, removing heat from the indoors and transferring it outside. In the winter, the operation is reversed, taking heat from the outdoor air and delivering warmth indoors.

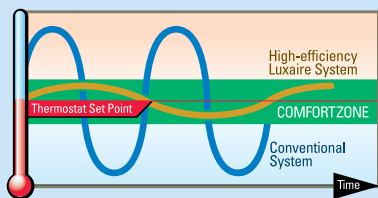
Designed for efficiency, reliability and comfort

In 2013, the HL8B036 model was designated as one of the ENERGY STAR® Most Efficient products when paired with the Acclimate™ Residential Communicating Control. With the precision of the Communicating Control, you'll find comfort knowing your system is one of the most efficient in the industry. In addition, you'll feel even better knowing your Acclimate™ unit is available with environmentally friendly R-410A refrigerant.



The Acclimate™ series is engineered with reliable compressor technology with fewer moving parts for greater efficiency, reliability and comfort. For added peace of mind, the HL8B model is equipped with advanced diagnostics to monitor compressor activity and protect the system.

The HL8B model is equipped with two-stage compressor technology that operates at two levels of performance. The first stage heats and cools your home most of the time. The second stage maintains maximum comfort levels during peak heating and cooling hours.



Raising comfort levels by:

Reducing Noise

The SilentDrive™ System in our HL8B model features the combination of a swept-wing fan design, isolated compressor compartment, composite base pan, and two-stage heating and cooling that provides quieter operation than conventional systems. It's our quietest series ever. In fact it's so quiet, you may never notice it running.

Raising Heat

Unlike standard heat pumps, the HL8B model incorporates "Hot Heat Pump" technology to deliver higher discharge air temperatures. Innovative compressor and control technology combine to eliminate initial cold drafts and lower energy costs.



Lawnmower	30	50	70	90	110	dB*
Washing Machine						
ACCLIMATE™						

*For every 3 dB quieter, sound power is reduced 50%!



Performance inside and out

New fan guard design yields quieter and more efficient operation

Powder painted steel for long-term durability in the harshest environments

Composite base pan distributes and dampens sound

State-of-the-art two-stage compressor combines ultra-reliability and efficiency with quiet operation

Demand defrost provides complete system control

Luxaire® Acclimate™ Residential Communicating Control

Enjoy the simplicity and precision of the attractive Communicating Control touch screen to monitor system activity for added protection and peace of mind.



SilentDrive™

The Luxaire® SilentDrive™ System utilizes a swept-wing fan design, isolated compressor compartment, composite base pan and high-efficiency compressor technology providing quieter operation and more energy-efficient performance.



Slotted inlet coil guard provides the ultimate in coil protection

Isolated compressor compartment reduces noise

Designed for easier access to all components for faster and more economical serviceability

Available with environmentally friendly R-410A refrigerant

Quick heat, quick cool capability with the Acclimate™ Residential Communicating Control

Savings you can see

Replacing a worn out heat pump with a high-efficiency Acclimate™ system can dramatically lower operating costs and increase your comfort. With an energy efficiency rating of 18 SEER and HSPF ratings of up to 10, Acclimate™ series heat pumps double efficiency over many older units. And, with its higher reliability and reduced service costs, the Acclimate™ can pay for itself quickly.



Cooling/Heating Efficiencies SEER/HSPF	Approximate Annual Cooling/Heating Operating Costs				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6/6.0	\$2,036	\$1,888	\$1,954	\$1,945	\$1,965
8/6.5	\$1,796	\$1,637	\$1,660	\$1,646	\$1,578
10/7.5	\$1,533	\$1,388	\$1,461	\$1,445	\$1,300
12/8.0	\$1,407	\$1,262	\$1,258	\$1,243	\$1,134
13/8.2	\$1,324	\$1,187	\$1,181	\$1,166	\$1,059
14.5/9.0	\$1,243	\$1,112	\$1,104	\$1,091	\$ 986
16/9.0	\$1,168	\$1,030	\$1,010	\$ 979	\$ 867
18/10.0	\$1,139	\$1,005	\$ 980	\$ 929	\$ 816

• Seasonal Energy Efficiency Ratio (SEER) is a measure of air-cooling efficiency. A higher SEER rating indicates a more energy efficient unit. The government's established minimum rating for air conditioning is 13.

• Heating Seasonal Performance Factor (HSPF) is a measure of air-heating efficiency. A higher HSPF rating indicates a more energy efficient unit.

(Based on 2005 DOE national average price for electricity [0.0945/kwh]. Assuming the use of 36,000 BTU nominal capacity. Information derived using Elite Energy Audit Program. Cooling based on Bin data. Operating cost based on 2,100 sq. ft. and occupancy of 4 people. Actual savings may vary.)

To use the map and chart:

Using the map, locate the zone you live in. Determine the SEER/HSPF of your current system. Cross-reference your zone and current SEER/HSPF in the table to determine your approximate annual cooling/heating costs. The difference between your current cost and that of a higher SEER/HSPF unit is your estimated annual savings.

Example:

$$\$1,965 - \$816 = \$1,149$$

(Your estimated annual savings)

That's a savings of 58%!

Example is based on the difference between a 6 SEER three-ton unit and an 18 SEER unit in zone 5.

Acclimate™: part of a total Luxaire® comfort system

Extend your quiet, efficient comfort with a Luxaire® furnace or air handling unit—which are designed for the same level of money-saving efficiency, quiet operation, and durability. Our variable-speed air handlers and furnaces feature



electronically commutated motors (ECM)—which dramatically lowers your electrical consumption and, in certain applications, will use less energy than a 100-watt light bulb. Also count on Luxaire to provide the fans, filters and advanced controls to complete your system!

Your purchase helps support Make-A-Wish®

As part of our commitment to the communities we serve, a portion of your Luxaire® purchase goes to your local Make-A-Wish® chapter. Together we're helping to make wishes come true for kids with life-threatening medical conditions in your community.



Ella, 4

I wish to go to the Florida theme parks

acute lymphoblastic leukemia

High performance, year in and year out



Luxaire backs every Acclimate™ system with some of the best limited warranties you'll find: 10-year limited parts warranty and lifetime limited

compressor warranty. (Extended 10-year limited parts and lifetime limited compressor warranties require online registration within 90 days of installation. Otherwise, the warranties revert to a standard 5-year limited parts and 10-year compressor warranty. The extended 10-year limited parts and lifetime limited compressor warranties do not apply to R-22 models, three-phase models or internet sales. Please see Limited Warranty certificate in User's Manual for details.)

Our optional Luxaire® Performance Promise™ Extended Protection Plan offers up to 10 years of total parts and labor coverage. If you purchase our HL8B Acclimate™ model with an approved, matching Acclimate™ gas furnace or coil and air handler, you'll receive our Total Package Warranty program: an additional limited parts warranty and a lifetime limited compressor warranty. And, Luxaire makes buying an Acclimate™ system easy and affordable with financing plans to meet your needs and budget.

Visit our website



Learn how Luxaire® products can improve your home comfort at www.luxaire.com. Our website is the perfect place to get acquainted with our wide range of products.

Choose the Acclimate™ system that performs best for your home

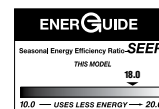
Acclimate™ HL8B Model Heat Pumps w/R-410A

Model	Nominal Cooling MBH	Nominal Cooling* SEER (EER)	Heating MBH 47°F	Heating HSPF (up to)	Dimensions (inches)			Operating Weight (lbs.)
					Height	Width	Depth	
HL8B024	24	17.0 (14.0)	24.0	9.8	40	42-1/2	34	275
HL8B036	36	18.0 (13.0)	36.0	10.1	40	42-1/2	34	275
HL8B048	48	17.0 (12.5)	48.0	10.0	40	42-1/2	34	280
HL8B060	60	15.5 (12.0)	58.0	10.0	40	42-1/2	34	315

* Ratings achieved by using Luxaire® variable-speed air handlers and furnaces.



Ask your Luxaire® Contractor about easy financing options.



The Acclimate™ HL8B models meet ENERGY STAR® requirements for energy efficiency.



HL8B036 model is recognized as the Most Efficient of ENERGY STAR® 2013 when used with the Acclimate™ Residential Communicating Control.



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