

Performance has never had this much class



LX Series

THJF MODEL HEAT PUMPS

14.5 SEER



Setting The Performance Standard™

LUXAIRE®

HEATING • AIR CONDITIONING



Comfort now has new class

With the Luxaire® LX Series heat pump line, you'll enjoy year-round comfort from a system designed to perform in any season. In the summer, the LX Series 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.

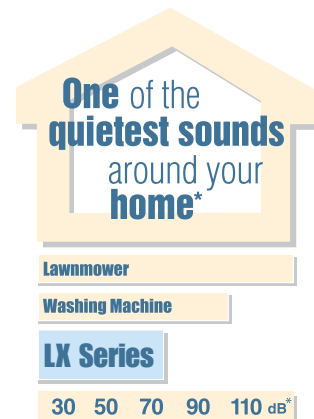
Designed for efficiency and environmental friendliness



Our LX Series heat pumps can make a dramatic difference in your energy bill—cutting energy use up to 60% when compared to most older central comfort systems. Plus, when combined with a Luxaire® furnace or air handler that utilizes a high-efficiency blower motor, the complete system's performance can reach as high as 15 SEER! Efficiency like that earns the EPA ENERGY STAR® logo. And it comes with R-410A refrigerant, which reduces impact on the atmosphere.

Enjoy the quiet

No wonder our LX system has such low sound ratings. All moving parts were selected for quiet operation with added sound insulation and special mounting to reduce noise. Even the fan blades are designed to move air quietly. What's more, the upward airflow carries these soft, normal operating noises away from your home.



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

Count on quality

Quality materials and manufacturing ensure that the entire system is built to last. The coils are constructed with aluminum fins for outstanding corrosion resistance. Plus, they're protected from impact by a tough, decorative grille. And, the heavy-duty cabinet is made of pre-painted steel with a matte finish that is attractive and resists corrosion and fading.

Reliable standard in heat pump systems

Luxaire® LX Series

Performance inside and out

Compact, stylish design is specially finished to resist rust and corrosion

Demand defrost system reduces energy costs by cycling unit into defrost mode only when needed

Coils constructed of copper tubing with aluminum fins ensure durability and long-lasting, efficient operation



Permanently lubricated fan motor reduces maintenance costs

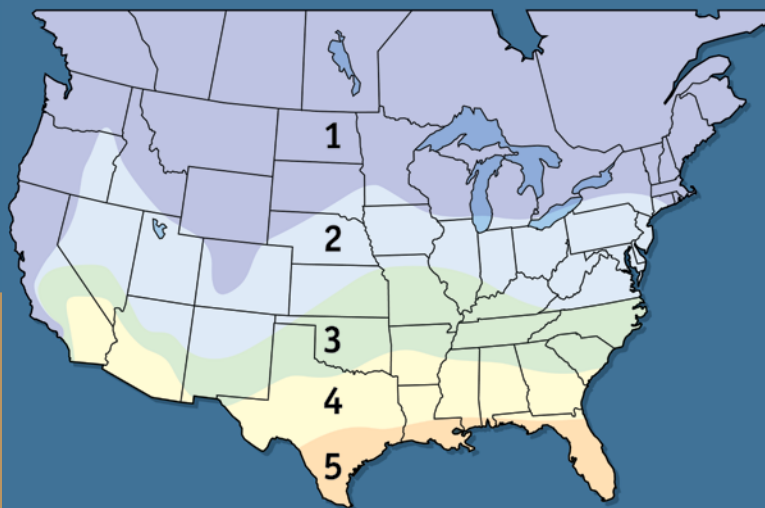
Raised fan coil guard reduces sound levels

R-410A refrigerant provides advanced performance for your home and the environment

High-pressure and low-pressure relief valves and solid core filter drier extend life of compressor

Savings you can see

Replacing a worn out unit with a new LX system can lower your heating costs and increase your comfort. 14.5 SEER LX Series heat pumps double efficiency over many older units. And, with its higher reliability and reduced service costs, this system 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
13/8.0	\$1,390	\$1,240	\$1,227	\$1,213	\$1,085
14/9.7	\$1,243	\$1,112	\$1,104	\$1,091	\$ 986
15/9.6	\$1,189	\$1,057	\$1,040	\$1,025	\$ 902

• 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 Season 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. 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:

$$\$1,965 - \$1,085 = \$880$$

(Your estimated annual savings)

That's a savings of 45%!

Example is based on the difference between a 6 SEER three-ton unit and a 13 SEER unit in zone 5.

LX Series: 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 modulating 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!



Choose the LX system that performs best for your home

LX Series THJF Model Heat Pumps w/R-410A

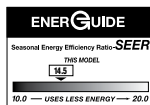
Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
THJF18S41S1	1.5	14.5	28	34	34
THJF24S41S1	2.0	14.5	40	29	29
THJF30S41S1	2.5	14.5	40	34	34
THJF36S41S1	3.0	14.5	40	34	34
THJF42S41S1	3.5	14.5	40	34	34
THJF48S41S1	4.0	14.5	40	34	34
THJF60S41S1	5.0	14.5	40	34	34



The LX Series THJF model meets ENERGY STAR® requirements for energy efficiency.



Ask your Luxaire® dealer about easy financing options.



High performance, year in and year out



Luxaire backs every LX system with one of the best limited warranties you'll find: 10 years on compressors and a 10-year limited warranty on parts

(must be installed after May 1, 2009, and registered online within 90 days of installation—otherwise the parts warranty reverts to a 5-year limited parts warranty). Our optional Luxaire® Performance Promise™ Extended Protection Plan offers additional total parts and labor coverage. And, Luxaire makes buying an LX system easy and affordable with financing plans to meet your needs and budget.

Your purchase helps support the Make-A-Wish Foundation®

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.

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.

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