

LX Series: part of a total Fraser-Johnston® comfort system

Extend your quiet, efficient comfort with a Fraser-Johnston® 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 Fraser-Johnston® to provide the fans, filters and advanced controls to complete your system!

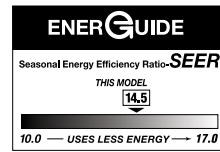


Choose the LX system that performs best for your home

High performance, year in and year out



Fraser-Johnston® 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 registered online within 90 days of installation otherwise the parts warranty reverts to a 5-year limited parts warranty.

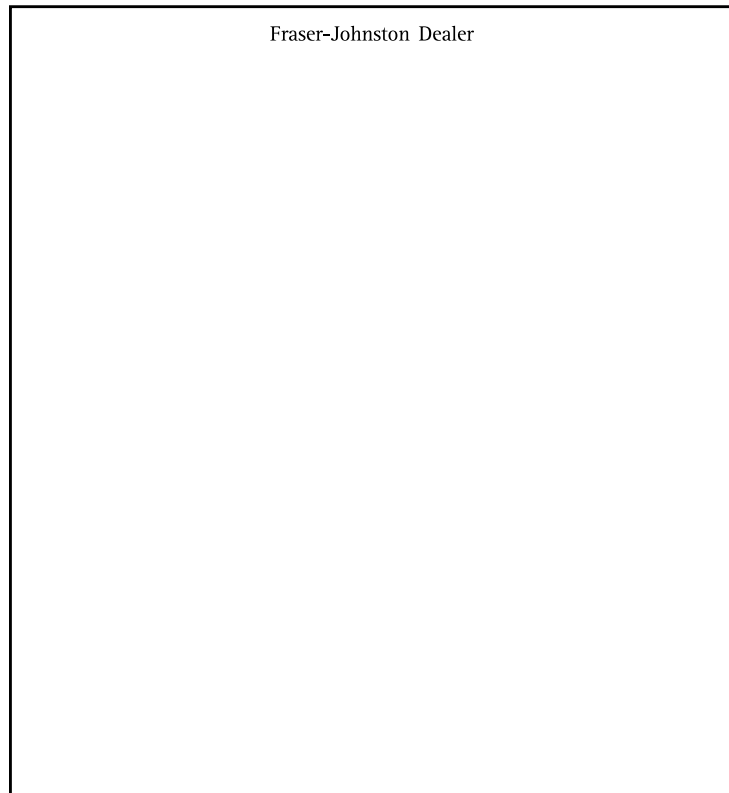


LX Series High-Efficiency Air Conditioners w/R-410A

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
TCJF24S41S1	2.0	14.5	28	29	29
TCJF30S41S1	2.5	14.5	36	29	29
TCJF36S41S1	3.0	14.5	36	29	29
TCJF42S41S1	3.5	14.5	34	33-1/2	33-1/2
TCJF48S41S1	4.0	14.5	36	33-1/2	33-1/2
TCJF60S41S1	5.0	14.5	40	33-1/2	33-1/2

LX Series High-Efficiency 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



Performance has never had this much class



LX Series HIGH-EFFICIENCY AIR CONDITIONERS AND HEAT PUMPS

14.5 SEER EFFICIENCY
14.5 SEER/UP TO 9.0 HSPF EFFICIENCY

The reliable standard in air conditioning and heat pump systems *Fraser-Johnston® LX Series*



Air Conditioner Performance

- ▶ Unique MicroChannel coil construction creates a superior heat exchange surface that allows a smaller unit to provide higher performance in less space
- ▶ Compressor blanket and swept wing fan blade ensure quieter operation
- ▶ All-aluminum fins look great and provide outstanding resistance to salt spray, which is especially important in coastal applications
- ▶ High-pressure relief valve and solid core filter-drier extend life of compressor



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

Heat Pump Performance

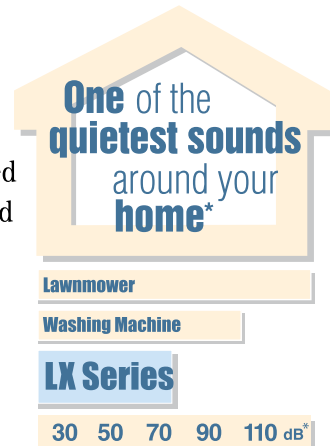
- ▶ Demand defrost system reduces energy costs by cycling unit into defrost mode only when needed
- ▶ Coils constructed of copper tubing with aluminum fins ensure durability and long-lasting, efficient operation
- ▶ Permanently lubricated fan motor reduces maintenance costs
- ▶ High-pressure and low-pressure relief valves and solid core filter drier extend life of compressor

Comfort has new class

The advanced Fraser-Johnston® LX series gives you the comfort and cost-saving, energy-efficient performance that is part of the Fraser-Johnston® Performance Promise—all in a compact, innovative design that brings fresh style to family comfort. With a sleek, contemporary look, it's the one system that fits right at home. In the summer, the LX Series Heat Pump 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.

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%!

Designed for efficiency and environmental friendliness



Our LX Series Air Conditioners and 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 Fraser-Johnston® furnace or air handler that utilizes a high-efficiency blower motor, the complete system's performance can reach as high as 16.5 SEER for air conditioners and 15 SEER for Heat Pumps! Efficiency like that earns the EPA ENERGY STAR® logo. And it comes with R-410A refrigerant, which reduces impact on the atmosphere.

Count on quality

Quality materials and manufacturing ensure that the entire system is built to last. The Air Conditioner condenser coils are constructed from aluminum for outstanding corrosion resistance. Heat Pump 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.



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.

Air Conditioner Example:

\$1,359 - \$567 = \$792
(Your estimated annual savings)
That's a savings of 58%!

Example is based on the difference between a 6 SEER three-ton unit and a 14.5 SEER unit in zone 5.

Heat Pump 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.

Air Conditioner savings you can see

Replacing a worn out air conditioning unit with a new LX system can lower your cooling costs and increase your comfort. 14.5 SEER LX Series air conditioners double efficiency over many older units. And, with its higher reliability and reduced service costs, this system can pay for itself quickly.

Cooling Efficiencies	Approximate Annual Cooling Operating Costs				
	SEER	Zone 1	Zone 2	Zone 3	Zone 4
6	\$479	\$614	\$833	\$866	\$1,359
8	\$359	\$455	\$625	\$649	\$1,020
10	\$288	\$368	\$500	\$519	\$815
12	\$239	\$307	\$417	\$432	\$680
13	\$222	\$285	\$386	\$402	\$631
14	\$207	\$265	\$360	\$375	\$589
15	\$192	\$246	\$334	\$348	\$546

* 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.
(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.)

Heat Pump 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	Approximate Annual Cooling/Heating Operating Costs				
	SEER/HSPF	Zone 1	Zone 2	Zone 3	Zone 4
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	\$1,134
12/8.0	\$1,407	\$1,262	\$1,258	\$1,243	\$1,085
13/8.0	\$1,390	\$1,240	\$1,227	\$1,213	\$986
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.)