

## SETTING THE STANDARD. AGAIN.

INTELLIGENT ADVANCEMENTS IN 14 SEER SYSTEMS LEAD THE INDUSTRY. Since 1939, Luxaire® residential split systems have been setting the standard in quiet technology, energy efficiency and dependability for customers who appreciate the value of a premium system designed to suit their lifestyle. The nearly effortless fusion of performance, reliability and ease-of-use found in new Luxaire® LX Series residential split systems has only been possible through continuous investments in research and development. This is why we spent more than 125,000 hours of research to bring you the most highly optimized, expertly crafted product range in our history — the new Luxaire® LX Series residential split systems. Five years of Highly Accelerated Life Testing (HALT) and +140°F / -10°F extreme weather testing were employed to ensure Luxaire® LX Series residential split systems occupy a unique place in the market, where only the most durable, most carefully engineered systems exist. Precision manufacturing from Johnson Controls, and the latest advancements in quiet technology, space-saving packaging and ease-of-use, further exemplify why Luxaire® systems have once again set the standard in premium comfort.

### LUXAIRE® LX SERIES RESIDENTIAL CONDENSING UNITS PROVIDE:

- **SMALLER FOOTPRINT:** Keep the job moving with units that accommodate gates, hand trucks, vans and site pads.
- **FASTER INSTALLATION AND SERVICING:** Work faster with full corner access, diagonal base valves with open access for low-loss fittings, single-panel access to power and control wiring, and a removable fan guard.
- **DURABLE FINISH:** Keep things looking new with a corrosion- and rust-resistant coated finish on steel wire fan guards and external fasteners, as well as pre-treated G90-equivalent galvanized steel chassis components.
- **LOWER OUTDOOR OPERATING SOUND LEVELS:** Achieve sound levels of 76 dBA or lower thanks to a low-vibration cabinet designed with Finite Element Analysis tools.

### LUXAIRE® AIR HANDLER INNOVATIONS:

- **EASY-TO-INSTALL DESIGN:** Provides the industry's most compact casing depth (20.5 inches) for easy installation in attics and includes internal filter racks for standard 1-inch filters.
- **RELIABLE EVAPORATOR COIL TECHNOLOGY:** Long-life MaxAlloy™ aluminum coils deliver lasting performance, efficiency and reliability. Factory-installed TXV options available.
- **2%-OR-LESS AIR LEAKAGE:** Cabinet meets strict requirements against air infiltration to save energy.
- **RC<sup>2</sup>-RIGID CASE CONSTRUCTION:** Endoskeleton provides structural support and flush sides to lock in insulation.
- **HYGIENIC DRAIN PAN:** Positive-slope removes coil condensate to ensure healthy indoor air.



**LUXAIRE®**  
HEATING ■ AIR CONDITIONING

QUALITY IN ITS PUREST FORM, EFFICIENCY IN ITS HIGHEST FORM, AND SERVICE IN ITS EASIEST FORM.

[LUXAIRE.COM/LXSPLITSYSTEMS](http://LUXAIRE.COM/LXSPLITSYSTEMS)

## A DISTINGUISHED LINE OF LUXAIRE® SYSTEMS.

The projects may vary, but the expectations remain the same — you need systems that are easy to set up and service, and your customers want a system that is unobtrusive and built to the highest standard. The Luxaire® brand delivers with a premier line of split system air conditioners and heat pumps that are perfectly matched with air handlers, coils and controls that exceed your customers' expectations — while also being easy to set up and service.

### RESIDENTIAL SERIES AIR CONDITIONERS

TF4	TC4	TW4	TF3	TC3
• 14 SEER	• 14 SEER	• 14 SEER/ High EER for Southwest Region	• 13 SEER	• 13 SEER
• Tube-in-Fin Coil	• Improved Alloy System MicroChannel Coil	• Improved Alloy System MicroChannel Coil	• Tube-in-Fin Coil	• Improved Alloy System MicroChannel Coil
• 1.5-5 Tons	• 1.5-5 Tons	• 1.5-5 Tons	• 1.5-5 Tons	• 1.5-5 Tons

### AIR HANDLERS

AVC/MVC	AE/ME	AP/MP
• Single Piece/ Modular Configuration	• Single Piece/ Modular Configuration	• Single Piece/ Modular Configuration
• Multi-position	• Multi-position	• Multi-position
• Variable-speed ECM Motor	• Standard ECM Five-speed Motor	• PSC Multi-speed Motor
• AC and HP	• AC and HP	• AC and HP

### INDOOR COILS

CM	CF	CU
• MaxAlloy™ Coil	• MaxAlloy™ Coil	• MaxAlloy™ Coil
• Full-cased, Multi-position	• Full-cased, Upflow/Downflow	• Uncased, Upflow
• AC and HP	• AC and HP	• AC and HP
• Options: Field-installed or factory-installed TXV available	• Options: Field-installed or factory-installed TXV available	• Field installed TXV available

### RESIDENTIAL SERIES HEAT PUMPS

TH4
• 14 SEER
• Tube-in-Fin Coil
• 1.5-5 Tons

### PREMIUM, INSIDE AND OUT.

When it comes to servicing the new Luxaire® LX Series residential product line, we carried through on our promise of premium quality at every level. We minimized the number of bolts and panels to make access faster. We made the condenser guard and fan removable. We made duct and power connections to industry standards for easier retrofits. We even worked to standardize more componentry, so you can stock and transport fewer replacement parts. Even servicing a Luxaire® LX Series system is exceptionally easy.



### BEAUTIFULLY SIMPLE.

Luxaire® LX Series residential split systems employ proven controls to simplify operation, ensure reliability and provide a more welcoming experience for the end-user. Our control units deliver information on system status, start-up, supply, return and outdoor air temperatures. For heat pumps, simplified demand defrost control comes standard, including an Anti-Short Cycle Delay to protect the compressor and LED status lights to simplify troubleshooting. In short, we've reduced complexity to make your life a little easier and to deliver a more effortless experience for the customer. Because comfort is what turns a house into a home, and premium comfort is what defines a Luxaire® home comfort system.

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