

**LENNOX**  
Innovation never felt so good.™

*incomparably cool*

DAVE LENNOX  
*signature*  
COLLECTION



**XC21**

The most quiet and efficient central air conditioner you can buy\*



## The XC21 delivers the ultimate in comfort.

When summer days get long and hot, a basic air conditioner can keep you cool and relaxed in your home. The XC21 from the Dave Lennox *Signature*<sup>®</sup> Collection keeps you completely exhilarated. But as good as the XC21 makes you feel, what's even cooler is the innovation behind it. Precision engineered with two-stage technology, it **automatically provides more or less cooling as necessary to maintain a consistent temperature throughout your home.** All the while, it's working to keep energy costs and sound levels at an absolute minimum.

Quite simply, it's the most quiet and efficient central air conditioner you can buy.\* So it's not only beyond cool—it's beyond compare.



*The XC21 may be eligible for government tax credits, as well as rebate programs from local utility companies. Please consult your tax advisor for more detailed information.*

\*A combination of sound ratings established per AHRI's test standard: 270; and efficiency ratings established per AHRI's test standard: ANSI/ARI 210/240-2008.

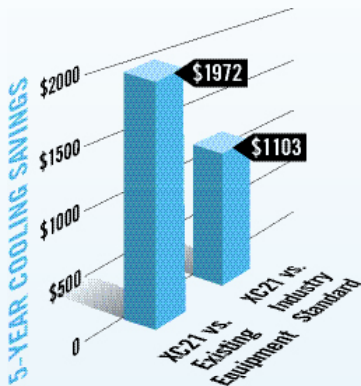
*innovation that's incomparably cool*

### Virtually silent

Exclusive SilentComfort™ technology makes the XC21 **up to 13 times quieter than a standard air conditioner**. An industry-exclusive composite fan design, two-stage operation and an insulated compressor compartment also help reduce sound levels.

### SEERiously efficient

With industry-leading efficiencies of up to 21.00 SEER, **the XC21 can save you hundreds of dollars each year** on your utility bills. It may also make you eligible for government tax credits.



SEER stands for "Seasonal Energy Efficiency Ratio" and is a measure of a central air conditioner's efficiency and performance. The higher the SEER, the greater your energy savings. Typical SEER ratings range from 13 to 18, but the XC21 carries ratings as high as 21.00.

This chart compares the 5-year savings you can expect from a 21.00 SEER air conditioner vs. existing equipment with a 10.00 SEER rating and industry-standard equipment with a 13.00 SEER rating. The regions used to calculate household fuel and utility costs reflect a cross-section of cities in the U.S. In addition to geography, cooling costs are based on 3-ton capacity specifications, with 1,800 cooling hours per year and 11.62 cents per kWh (Source: EIA National average electric rate—Rolling 12 months ending in July 2009). Your actual costs will vary depending on the weather, local fuel rates, systems settings and your personal lifestyle.

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# One-of-a-kind cooling that's kinder to the environment.

## Two levels of operation for a higher level of comfort and efficiency

The XC21's scroll compressor has two stages of operation: high for hot summer days and low for milder days. Since the low setting is adequate to meet household cooling demands 80% of the time, **the XC21 runs more efficiently and produces more even temperatures**, compared to conventional single-stage systems. Two-stage cooling cycles also translate to quieter, more efficient operation and enhanced humidity control.

## Exclusive motor and fan design for an added performance edge



The SilentComfort™ outdoor fan motor with composite fan blades uses **the latest in electronic sensor technology** to optimize overall system performance.

If frost, ice or dirt builds up on any part of the fan assembly, the motor automatically compensates by operating at a higher starting torque to allow the angled blades to break up the debris. The fan then resumes normal operation, keeping the air conditioner running at peak efficiency.



*The XC21 has earned the ENERGY STAR® label, which means it meets or exceeds guidelines set forth by the U.S. Environmental Protection Agency.*



SUNSOURCE  
SOLAR  
READY  
Power Forward

The simplest way to bring money-saving **SOLAR POWER** into your home

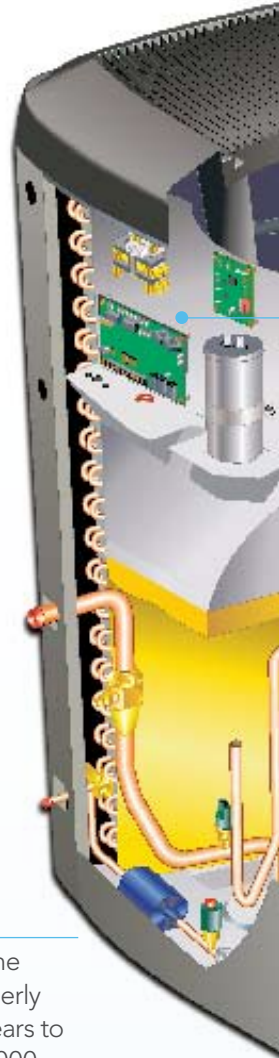
The SunSource® Home Energy System reduces the amount of electricity needed from your utility provider to put you in control of your utility bills. This energy-saving system harnesses solar energy and uses it first—before using electricity from the utility company—to power your air conditioner. The solar power that's collected can also operate other appliances and electronics when the heating and cooling system is not in use. What's more, if the SunSource system generates more solar power than is needed, that power will be sent back to the utility company, possibly entitling homeowners like you to a credit. Ask your Lennox Dealer for more information.

# A brand that delivers beyond basic comfort.



Lennox has always been a leading global name in home comfort. Today, we're pushing beyond the traditional parameters of comfort by setting the pace for environmentally responsible climate control.

So, when you choose Lennox, you can feel good knowing you're getting the best. And when you choose the Dave Lennox *Signature*® Collection, you're getting the best of the best. From the world's first riveted-steel furnace to the first solar-assisted heat pump, products from the Dave Lennox *Signature* Collection are engineered to deliver innovation beyond measure.



## Peace-of-mind protection

The XC21 comes with a 10-year limited warranty on the compressor and all remaining covered components.\*

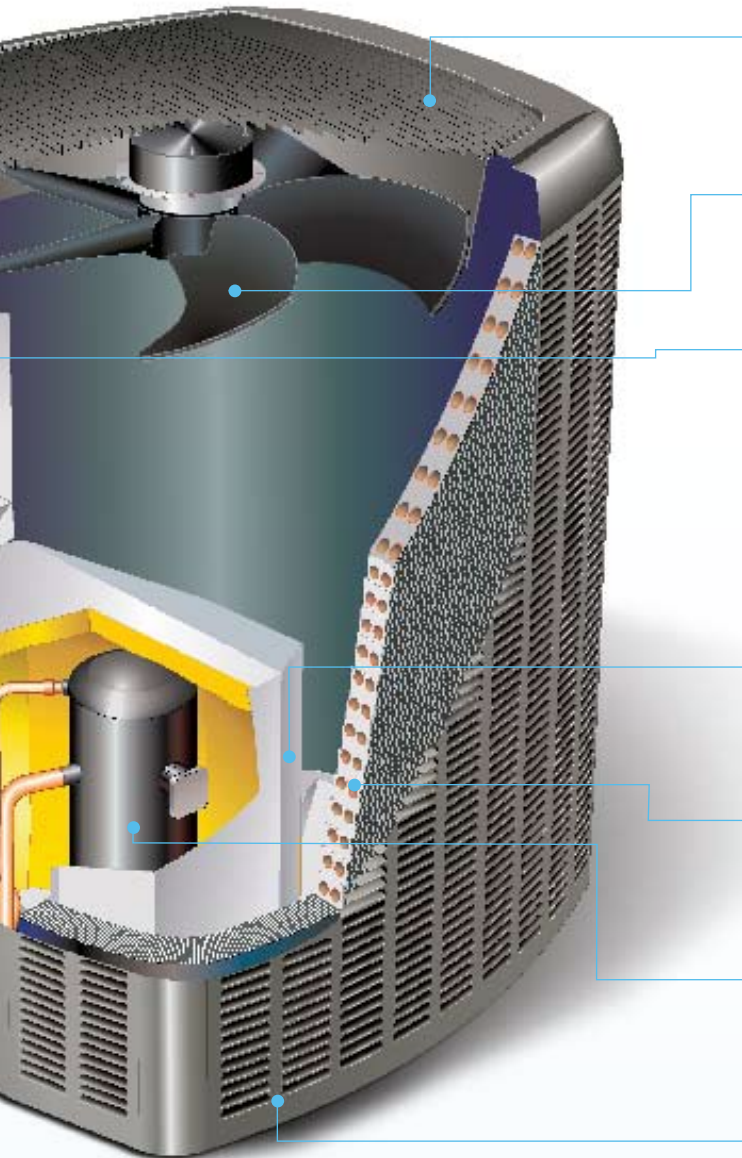
## Dealers you can count on

You can trust Lennox dealers to design the right system for your home, install it properly and keep it running perfectly for many years to come. Because Lennox has more than 6,000 dealers throughout North America, you can rest assured there's a dealer near you.

## Industry-leading energy innovation

The XC21 is Lennox' first residential air conditioner rated up to 21.00 SEER. Compared to conventional cooling systems, it can save you hundreds of dollars on your utility bills each year (see chart on page 3). As one of Lennox' most efficient and advanced energy innovations, it carries a green *Signature* badge and has earned the ENERGY STAR® label. Beyond cost savings and tax benefits, this symbol gives you peace of mind in knowing the XC21 is a better choice for the environment.





**SilentComfort™ Fan Grille** – Uses patent-pending, vortex-suppression technology to reduce sound of airflow exiting unit, providing a quieter environment outside your home.

**SilentComfort Outdoor Fan Motor with Composite Fan Blades** – Provides extremely reliable starting and running performance, even under the harshest outdoor conditions.

**icomfort™-Enabled Technology** – Allows the XC21 to exchange information with other home comfort system components and make adjustments as needed to optimize performance and efficiency.

**Humiditrol® Compatible** – Manages the moisture in your home's air for greater comfort and improved indoor air quality.

**Insulated Compressor Compartment** – Uses industry-leading, vibration-isolating mounts and other innovative materials to minimize operating sounds.

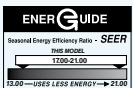
**High-Efficiency Outdoor Coil** – Provides exceptional heat transfer and low air resistance for high-efficiency operation that can lower your cooling bills.

**Two-Stage Scroll Compressor** – Operates at low stage most of the time for quieter, more energy-efficient performance. Plus, it uses the U.S. EPA-approved R-410A refrigerant.

**SmartHinge™ Louvered Coil Protection** – Provides smooth, efficient and reliable operation.

### Dave Lennox Signature® Collection XC21 Specifications

Model	024	036	048	060
SEER	Up to 21.00	Up to 20.00	Up to 18.20	Up to 16.50
Sound Rating – dB	69	71	73	73
Dimensions HxWxD (in)	47x 35-1/2x 39-1/2	47x 35-1/2x 39-1/2	47x 35-1/2x 39-1/2	47x 35-1/2x 39-1/2
HxWxD (mm)	1194x902x1003	1194x902x1003	1194x902x1003	1194x902x1003



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your Lennox dealer for details, or visit [www.energystar.gov](http://www.energystar.gov).

**Note:** Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

Always verify actual system efficiencies through AHRI or by visiting the AHRI ratings database at [www.ahridirectory.org](http://www.ahridirectory.org).

\*Applies to residential applications only. See actual warranty certificate for details.





# A system beyond compare.

Cooling systems from the Dave Lennox Signature® Collection deliver even greater efficiency and comfort when combined with other Lennox® products in one system.



### SLP98V

The most efficient and quietest furnace you can buy\*



### PureAir™ Air Purification System

Cleans the air inside your home better than any other single system you can buy



### Healthy Climate® Solutions

Industry-leading dehumidification, plus whole-home ventilation and more



### icomfort Touch™ Thermostat\*\*

Sleek, full-color touchscreen thermostat features intuitive programming for precise temperature and humidity control

## Matching your system

Replacing only one part of a system may result in a mismatch that compromises energy efficiency. For best performance, it's generally a good idea to replace the entire system at once.

## Optimizing your system

The XC21 offers ultimate comfort and efficiency when it's integrated with the following:

### SunSource® Home Energy System –

Allows you to maximize the energy-saving potential of the XC21's solar-ready design by integrating it with one to 15 solar modules.

**Harmony III™ Zoning System –** Divides your home into up to four separate, customizable comfort zones.

**Home Generator –** Offers dependable protection during unexpected power outages. Available in a variety of sizes to meet the needs of every home.

\*Based on sound pressure levels during steady-state, high-fire and low-fire operation of Lennox SLP98UH070V36B and leading competitive units at mid-point temperature rise and minimum external static pressure when set up per Section 4.5.3 of AHRI 260.

\*\*Must be installed with an icomfort™-enabled indoor unit.



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