

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

*reliable comfort*



**MERIT** SERIES



Home  
Comfort  
Systems

## Merit® Series Air Conditioners

# Economical, energy-efficient home cooling

Of course you want your home to stay cool and comfortable all summer long, but wouldn't it be nice if you could also enjoy lower utility bills? With a Merit® Series air conditioner from Lennox, you can. Built to exacting Lennox standards, Merit Series air conditioners deliver dependable cooling performance, while keeping your energy costs under control.



### 14ACX Air Conditioner

Meets or exceeds  
14.00 SEER



### 13ACX Air Conditioner

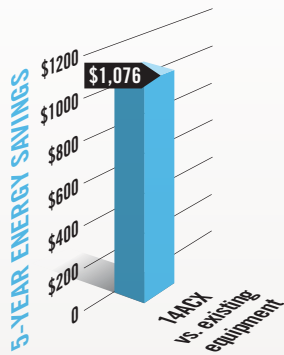
Meets or exceeds  
13.00 SEER

**Energy savings.** Energy-efficient operation means you can save hundreds of dollars a year, compared to an older air conditioner

**Reliable comfort.** Dependable scroll compressor provides smooth, efficient and reliable operation

**Quiet operation.** Precision-balanced, direct-drive outdoor fan keeps sound levels as low as 76 dB

**Peace of mind.** 5-year limited warranty on compressor and covered components†



### 5-year energy savings

Savings chart compares the 5-year savings you can expect from the 14ACX air conditioner vs. existing equipment with a 10.00 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 indicated 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 may vary depending on the weather, local fuel rates, system settings and your personal lifestyle.

### What is SEER?

SEER stands for "Seasonal Energy Efficiency Ratio" and is a measure of the cooling efficiency of air conditioners. The higher the SEER, the greater your energy savings.



This NAHB Research Center **Green Approved** mark is your assurance that a product is eligible for points toward National Green Building Certification. Visit [www.GreenApprovedProducts.com](http://www.GreenApprovedProducts.com) for more details.



Lennox is proud of the fact that many of our Merit Series air conditioners, heat pumps and furnaces have earned the reputable Good Housekeeping Seal.

†Warranties noted apply to residential applications only. See actual warranty certificate for details. These products may be eligible for valuable 10-year limited extended warranty coverage.

## Merit® Series Heat Pumps

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# Energy-efficient cooling and heating

A heat pump from the Merit® Series line works year 'round keeping your home comfortable. Think of it as an all-in-one cooling and heating system. During summer months, it extracts heat from inside your home and moves it outdoors. When the weather turns cooler, the process is reversed as the unit collects heat from the air outside and transfers it inside your home.



### 14HPX Heat Pump

Meets or  
exceeds  
14.00 SEER/  
7.70 HSPF



### 13HPX Heat Pump

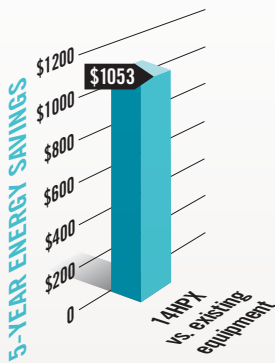
Meets or  
exceeds  
13.00 SEER/  
7.70 HSPF

**Energy savings.** Energy-efficient operation means you can save hundreds of dollars per year, compared to an older heat pump

**Reliable comfort.** Dependable scroll compressor provides smooth, efficient and reliable operation year 'round

**Quiet operation.** Precision-balanced, direct-drive outdoor fan keeps sound levels as low as 76 dB

**Peace of mind.** 5-year limited warranty on compressor and covered components†



### 5-year energy savings

Savings chart compares the 5-year savings you can expect from the 14HPX heat pump vs. existing equipment with a 10.00 SEER/ 6.80 HSPF. 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 indicated 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 may vary depending on the weather, local fuel rates, system settings and your personal lifestyle.

### What is HSPF?

HSPF stands for "Heating Seasonal Performance Factor" and is a measure of the heating efficiency of heat pumps.



## Merit® Series Gas Furnaces and Air Handlers

# Economical, reliable home heating

Tough and sturdy outside, quality-engineered inside, Merit® Series gas furnaces and air handlers provide years and years of warm, efficient heating comfort for your home.



**ML195  
Gas Furnace**  
95% AFUE

**ML193  
Gas Furnace**  
93% AFUE



**ML180E  
Gas Furnace**  
80% AFUE

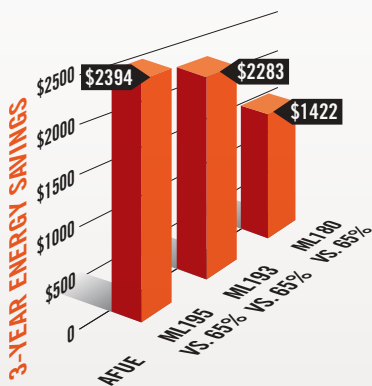
**ML180  
Gas Furnace**  
80% AFUE

**Energy savings.** Energy-efficient operation means you can save hundreds of dollars a year on utility bills, compared to an older furnace

**Power Saver™ technology.** Featured on the ML180E furnace, Power Saver technology improves overall system efficiency by increasing SEER ratings

**Quality components.** Duralok Plus™ heat exchanger made of patented ArmorTuf™ aluminized steel to ensure high reliability and efficiency

**Peace of mind.** 20-year limited warranty on heat exchanger, 5-year limited warranty on covered components†



### 3-year energy savings

Savings chart compares the 3-year savings you can expect from the ML193 and ML180 gas furnaces vs. units with lower efficiency ratings. Criteria used in this example are 2,000 full-load heating hours, with a 60,000 Btuh heating design load and \$1.368 ccf for gas. Your actual savings may vary depending on the weather patterns in your local area, local fuel rates and your individual lifestyle.

### What is AFUE?

AFUE stands for "Annual Fuel Utilization Efficiency" ratio and is a measure of furnace efficiency based on the percent of heat produced for every dollar of fuel consumed. The higher the AFUE rating, the lower your fuel costs.

†Warranties noted apply to residential applications only. See actual warranty certificate for details. These products may be eligible for valuable 10-year limited extended warranty coverage.

## CBX26 Air Handler

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**Energy savings.** High-efficiency evaporator coil provides exceptional heat transfer and helps reduce energy costs

**Reliable comfort.** Direct-drive blower motor delivers consistent airflow, along with a high level of comfort

**Quiet operation.** Fully insulated cabinet helps keep sound levels low

**Durable design.** Antimicrobial drain pan inhibits mold and mildew growth and is made of a composite material that won't corrode or rust

**Peace of mind.** 5-year limited warranty on covered components†

## Merit® Series Residential Packaged Units

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### Reliable comfort, impressive performance

Merit® Series packaged units offer legendary Lennox quality and outstanding reliability. With energy efficiency ratings of 13.00 SEER / 7.70 HSPF / 80% AFUE, Merit Series packaged units will keep you comfortable all year long, while keeping energy costs down.

## 13GEP and 13HPP Residential Packaged Units

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**Energy savings.** Merit packaged units feature 13.00 SEER cooling efficiency, 80% AFUE heating operation and 7.70 HSPF to help lower your utility bills.

**Reliable comfort.** High-efficiency motor in all sizes provides maximum efficiency and comfort

**Durable design.** Count on year-after-year reliability with a weld-free aluminized steel heat exchanger and solid-state ignition control

**Variety of options.** Heat pump or gas/electric with low NOx standard on most sizes

**Peace of mind.** 20-year limited warranty on heat exchanger (gas/electric), 5-year limited warranty on compressor and parts†

## Home Comfort Controls

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# Improving your home's comfort and efficiency

ComfortSense® 3000 Series programmable thermostats provide accurate temperature control, which makes your home feel more comfortable and helps lower utility costs. In fact, a programmable thermostat can reduce your home heating costs by up to 35% and your cooling costs by up to 25%.

## ComfortSense® 3000 Series Thermostats

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**Customizable comfort.** 5-day/2-day programming allows you to customize a weekday/weekend temperature schedule; a non-programmable model is available for use in basic applications

**Ease of use.** Large buttons and backlit display allow you to quickly find the right setting, day or night

**Accurate temperature control.** Digital control accurately maintains the desired temperature

**Peace of mind.** 2-year limited warranty on covered components†

## Healthy Climate® Indoor Air Quality Solutions

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# Creating a healthier, more livable home

Lennox is proud to offer a complete line of ozone-free indoor air quality products no one else can match. From high-efficiency filtration to ventilation and humidity control systems, Lennox gives you a variety of innovative options that provide cleaner and healthier air inside your home.

## Healthy Climate Filtration — HC10 Media Air Cleaner

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**Energy savings.** Provides whole-home filtration for optimal home comfort and air quality, with no additional energy costs

**Effective filtration.** MERV 10\* media filter (MERV 10\*/CADR 520\*\*) removes up to 85% of particles such as dust, pollen and mold spores down to 3 microns\*\*\*

**Healthier choice.** Does not produce ozone, a known lung irritant

**Peace of mind.** 5-year limited warranty on covered components†

## Healthy Climate Ventilation — Ventilation Control System

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**Economical whole-home ventilation.** Works with any forced-air system to improve comfort and air quality

**Reliable operation.** Automatically monitors outdoor temperature and indoor humidity to make sure the air entering your home is not too humid, hot or cold, while the motorized damper controls the amount of outdoor air entering your home

**Energy savings.** 24-hour timer helps reduce energy costs

**User controls.** Allow you to manage air exchange and circulation based on your individual needs

**Industry compliant.** System meets ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) 62.2003 residential ventilation standard

**Peace of mind.** 2-year limited warranty on covered components†

## Healthy Climate Humidity Control — Whole-Home Dehumidifiers

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**Effective humidity control.** Remove excess moisture from the entire home, a single area (such as a basement) or a combination of both

**Improved air quality.** Work to reduce dust mites and mold that thrive in humid environments

**Preservation.** Protect home furnishings and wood from moisture damage

**Easier to use.** Unlike portable units, there's no need to empty buckets of water

**Healthier choice.** Do not produce ozone, a known lung irritant

**Peace of mind.** 5-year limited warranty on covered components†

## Whole-Home Steam (HCSteam), Power (HCWP3-18), and Bypass Humidifiers (HCWB3-17/HCWB3-12)

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**Improved air quality.** Create a healthier home and lessen skin irritations, sore throats and respiratory problems

**Optimal comfort.** Built-in fan circulates humidified air, helping to minimize heating-season problems associated with dry air (power humidifier only)

**Effective operation.** Use the air handler or furnace to direct humidified air through every room

**Choice of sizes.** Steam: 16- or 35-gallons per day. Power: 18-gallons per day. Bypass: 17- or 12-gallons per day

**Easier to use.** Unlike portable units, there's no need to constantly fill and clean

**Peace of mind.** 5-year limited warranty on covered components†

\*MERV = Minimum Efficiency Reporting Value. Describes the filter's ability to capture particles. The higher the MERV rating, the better the filtration.

\*\*The Clean Air Delivery Rate (CADR) represents the cubic feet of clean air produced per minute.

\*\*\*One micron = 1/25,000 of an inch in diameter

†Warranties noted apply to residential applications only. See actual warranty certificate for details.



# Merit<sup>®</sup> Series heating, cooling and indoor air quality products

## Outstanding reliability and comfort at an excellent value

### Customized home comfort

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Lennox' Merit<sup>®</sup> Series heating, cooling and Healthy Climate<sup>®</sup> indoor air quality products are designed to provide efficient, economical comfort—not only as individual units, but also together as an integrated system. This combined network of products delivers ideal home comfort on every level, from consistent temperatures and balanced humidity to improved indoor air quality.

### Matching your system

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Replacing only one part of a split 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.

### Dealers you can count on

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Choosing the right dealer for your home's heating, cooling and air quality needs is every bit as important as choosing the right brand. Whenever you call one of our independent Lennox Dealers, you can count on receiving exceptional customer service. Your Lennox Dealer's dedication to quality shows in their knowledge, training and expertise in designing the right system for your home, installing it properly and keeping it running perfectly for many years to come.



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