

# WHY DO ENGINEERS CHOOSE LENNOX?

Innovative products backed  
by personalized support



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



# A LEGACY OF DELIVERING THE PRODUCTS AND SUPPORT YOU NEED MOST

## Designed with engineers in mind

You will appreciate the high level of personalized support you receive from Lennox. From load calculation software to Revit® models and AutoCAD® templates, to easily accessible technical documents, knowledgeable field representatives, LEED® Accredited Professionals and training through HVAC Learning Solutions, Lennox provides much more than just innovative, energy-efficient products. It's your single resource with all the HVAC support you need for success.

## AWARD-WINNING DESIGN



Lennox International was honored with the 2009 North American Green HVAC&R Industry Innovation & Leadership of the Year Award from Frost & Sullivan for its pioneering technology, optimized product line, sound business strategy and research and development initiatives.



Energence® rooftop units were awarded Silver in the 2010 Dealer Design Awards sponsored by the ACHR News.



Lennox has been named ENERGY STAR® Manufacturing Partner of the Year for four years, and is the only HVAC manufacturer ever to be chosen.



Two buildings featuring Lennox® equipment, Office Depot in Austin, Texas, and Pizza Fusion in Naperville, Illinois, have been named among the nation's outstanding new "green" projects by the Real Estate & Construction Review. Both locations are LEED® certified.

## Advanced, efficient products for help in obtaining LEED certification

Lennox® products offer energy efficiency levels and a low total cost of ownership to help you create buildings that meet the criteria of the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ developed by the U.S. Green Building Council.



Products such as Energence® and Strategos® rooftop units are designed to help earn maximum LEED certification points by being the most energy-efficient rooftop products available. LEED-certified projects cost less to operate and maintain than traditional buildings, are energy- and water-efficient and have higher lease rates than conventional buildings in the same market.\* They also demonstrate a company's concern while remaining a good corporate citizen and steward of environmental resources.



Lennox is a committed member of the U.S. and Canada Green Building Councils

## Advanced technology for ideal application control

The Lennox product line includes the Energence rooftop unit, the most energy-efficient light commercial rooftop unit on the market.\*\* Featuring the Prodigy® control system, Energence rooftop units are equipped with an intuitive user interface that makes setup, troubleshooting and servicing easier than ever. Each unit tracks the runtime of every major component and records the date and time when service or maintenance is performed. The unit controller intelligently operates the rooftop unit to help ensure reliability, maximum efficiency and comfort while reducing start-up issues by up to 60%.

Also standard on Energence rooftop units is the newly developed SmartWire™ system that simplifies field sensor or thermostat installation through advanced connectors that are keyed and color-coded to help prevent miswiring. Not only is the wire coloring scheme standardized across all models, but also each connection is intuitively labeled to ensure accurate setup.



PRODIGY™ SMARTWIRE™ SYSTEM  
CONTROL SYSTEM

\*Benefits of LEED certification, U.S. Green Building Council, [www.usgbc.org](http://www.usgbc.org)

\*\*Claim pertains to 17.00 SEER rating on LGH036H4 3-ton unit, based on comparison of publicly available information regarding seasonal energy efficiency ratio (SEER) for single packaged rooftop units 3 to 25 tons, G/E, E/E, or cooling only 3-phase voltage. Established through an internal review of competitive literature, November 2010.

# SAVE TIME WITH ACCURATE, ADVANCED ENGINEERING SOFTWARE FROM LENNOX

## Time-saving technical tools

Lennox offers a complete online portfolio of free guide specifications and other time-saving tools. Below you'll find a few of the programs available to help you work more efficiently, such as Lennox' Commercial Load Calculation Software and AutoCAD® Templates for commercial equipment.



Technical documents, including engineering handbooks, installation instructions and service manuals, are also available online at [www.lennoxcommercial.com](http://www.lennoxcommercial.com).

**AutoCAD Templates for Commercial Equipment** has Lennox equipment in a layered block form giving engineers control of the Lennox blocks. All current equipment can be added to any design to provide a plan or elevation view using existing AutoCAD features.



**Revit® Building Information Models (BIM)** for Emergence® and Landmark® rooftop units include three-dimensional HVAC units with performance information and all field connection details for electrical, gas, duct and condensate. The equipment schedules for the models also include cooling/heating capacity and electrical loads.

**Total Cost of Ownership™ Calculator Software** is designed to compare the payback and return on investment of different HVAC systems. This tool can be used for numerous types of projects including new construction, retrofit and planned replacement.



## Commercial Load Calculation Software

quickly and accurately calculates the maximum heating and cooling loads for commercial buildings, using either the CLTD (Cooling Load Temperature Difference) or RTS (Radiant Time Series) method. The program allows for 50 zones, which can be grouped into as many as 50 air-handling systems. It automatically looks up all cooling load and correction factors necessary for computing loads and can provide outdoor design weather data for more than 2,000 cities around the world.



## Energy Recovery System Software

calculates supply air conditions, design loads, system capacity saved, effectiveness, annual energy analysis and combined efficiency analysis.



**Smart Select™ Software** is a Web-based tool to size and select Lennox products.

Users can select, configure and generate outputs, and with enhanced options they can control product selection and compare product performance. There's no software to install and data can be maintained for future reference.



## WHAT ENGINEERS ARE SAYING ABOUT LENNOX

*"We specify Lennox because of their service. When we request technical information, it's provided quickly. Lennox also has a good, competitive product that fits nicely with our clients' needs."*

*Martin Swain, A.Sc.T.; Principal LEED® AP BYCAR Engineering Ltd.*

*"Quality people providing a quality product"*

*Larry McElheny, Archer Consulting Engineers*

*Before you begin your next project, contact Lennox and learn what so many successful engineers already know. Go to [www.lennoxcommercial.com](http://www.lennoxcommercial.com) for more information.*

# SOLUTIONS FOR CUSTOMIZED COMFORT



Don't just choose a Lennox® product...choose a Lennox Commercial Comfort System. These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.

## Packaged Units

- Strategos® Rooftop Units
- Emergence® Rooftop Units
- Landmark® Rooftop Units

## Split Systems

- S-Class™ Air Conditioners/  
Heat Pumps
- T-Class™ Air Conditioners/  
Heat Pumps
- Air Handlers
- Indoor Coils

## Heating

- T-Class Unit Heaters
- Unit Heaters
- Duct Furnaces
- Furnaces

## Commercial Controls

- Prodigy® Control System
- L Connection® Network
- Systems Integration Solutions
- Commercial Thermostats

## Indoor Air Quality

- Humiditrol®  
Dehumidification System
- Demand Control Ventilation
- Energy Recovery  
Ventilators/Systems
- Air Filters
- UVC Germicidal Lights



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