



How making smart choices at home can save you money and help protect the environment



HOME COMFORT SYSTEMS
Innovation never felt so good.™

What does it mean to live smart?



Living smart means controlling comfort by making sensible use of our natural resources. With a few simple steps and a number of new energy-efficient technologies, you can create a comfortable space that's easy on the budget and the environment.

STEPS

1. **Heat Smart** – Feel warm without feeling the pinch of high energy costs.
2. **Cool Smart** – Take the edge off of the heat and high utility bills.
3. **Breath Smart** – Gain control of your home's air and your family health
4. **Plan Smart** – Know what to look for in a new home, or find out what can be done to improve an old one.
5. **Get Smart** – Learn all you can about energy efficiency and indoor air quality.

HEAT SMART

Chances are, you burn a lot of energy in your home to keep warm. One way you can stay comfortable without running up your utility bills is to heat smart. That means having your heating system serviced every year, sealing ductwork and buying a programmable thermostat.

Making Sense of Energy Ratings

Furnaces are rated by the Annual Fuel Utilization Efficiency (AFUE) ratio, which is the percent of heat produced for every dollar of fuel consumed.

AFUE works a lot like the miles-per-gallon rating on your car – the higher the rating, the lower your fuel costs. All furnaces manufactured today must have an AFUE ratio of at least 78%. If your furnace is 10 - 15 years old, it very well may fall below the current furnace minimum and waste energy.

Furnace ratings are usually displayed on the yellow-and-black EnergyGuide label on heating equipment.

HOT TIP

You can keep your heating and cooling equipment running at peak performance by having a licensed HVAC professional do annual service. It's also important to clean or change air filter once a month. Contact your local Lennox dealer for a complete list of high efficiency heating or cooling products or visit us at www.lennox.com.

COOL SMART

A long hot summer can mean big headaches if you're not careful about conserving energy. One way you can cut costs without losing your cool is to set the thermostat higher when you leave your home. A programmable model thermostat makes this easy. Another smart idea is to check your filter monthly and replace it if necessary.



Why Two Stage Cooling?

Two-stage cooling means the air conditioner or heat pump has a compressor with two levels 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, a two-stage unit runs for longer periods and produces more even temperatures.

Longer cooling cycles also translate to quieter more efficient operation and enhance humidity control. As an added benefit, many two-stage compressors use the new R410A refrigerant, which meets U.S. government standards for environmental safety.

BREATHE SMART

If you're concerned about your health, you probably watch what you eat. There's no doubt good nutrition is important. But it's also a smart idea to pay attention to what you breathe. That means thinking about the products you use and the potential impacts they have on your home environment. It also means taking precautions to avoid problems.

One easy step you can take to keep the air clean is to invest in an air-purification system. Regular dusting and vacuuming, as well as washing of linens, can also go a long way to improve the quality of your home's air.



HOT TIP

Common houseplants like Boston fern and spider plants have been found to absorb toxic gases emitted by upholstery fabrics and stuffing. Contact your local Lennox dealer for a complete list of Healthy Climate® indoor air quality products or visit us at www.lennox.com.*

Tips for Identifying Problems

Pollutants can come from many different sources inside and outside the home. For instance, furnishings and upholstery can release chemicals into the air. Pollutants also come from everyday activities like cooking and cleaning.

1. CONSIDERING THE SOURCE

Although the presence of pollutants doesn't necessarily mean there's a problem, being aware of the type and number of potential sources is an important step toward assessing the air quality in your home.**

2. SEARCHING FOR CLUES

First, look for signs of problems with your home's ventilation. Condensation on windows or walls, smelly or stuffy air, dirty central heating and air-conditioning equipment are all indications that air quality may be less than ideal. If you detect a problem, or simply have a concern, contact your local HVAC contractor for a professional air evaluation.

*Source: "How to Grow Fresh Air: Fifty Houseplants that Purify Your Home or Office," by B.C. Wolverton

**U.S. Environmental Protection Agency, 2006

PLAN SMART

As much as half of your household energy use goes to heating and cooling.* With a few simple steps and smart choices, you can feel comfortable and save on utility bills at the same time. You can also feel better about the quality of the air you breathe.

One change you can make to put a good dent in your bills is to replace old equipment with ENERGY STAR® products. Other energy-efficient measures range from changing air filters to sealing ducts. Best of all, smart doesn't have to mean expensive. That's because many improvements can be made at little or no cost.

Choosing ENERGY STAR®

When choosing heating and cooling equipment, remember that high efficiency levels begin with ENERGY STAR. Whether you're searching for a new furnace, air conditioner, or thermostats and other controls, ENERGY STAR qualified products can help you save on utility bills and improve the comfort level in your home.

Source: "A Guide to Energy-Efficient Heating and Cooling,"
U.S. Environmental Protection Agency

HOT TIP

*Reducing air leaks in your home could save 10% or more on your utility bills.**
Contact your local Lennox dealer for a complete list of ENERGY STAR®
products or visit us at www.lennox.com.*

*U.S. Environmental Protection Agency, April - June 2005

**Source: www.energystar.gov

GET SMART

Visit one of the following websites for more ideas for living smart:

GENERAL INFORMATION

www.itpaystolivesmart.com

Tips for conserving energy and improving air quality inside your home

www.lennox.com

Details on high-efficiency home comfort and air quality systems, plus enhancements like programmable thermostats

HOME ENERGY EFFICIENCY

www.energystar.gov

ENERGY STAR® program

www.energy.gov

U.S. Department of Energy

www.eere.energy.gov

U.S. Department of Energy Office of Energy Efficiency and Renewable Energy

www.epa.gov

U.S. Environmental Protection Agency

www.energysavers.gov

Solutions for homeowners and professionals

HOME AIR QUALITY

www.epa.gov/iaq

U.S. Environmental Protection Agency

www.lungusa.org

American Lung Association

www.iaqa.org

Indoor Air Quality Association

www.aaaai.org

American Academy of Asthma, Allergy and Immunology

www.aafa.org

Asthma and Allergy Foundation of America

www.healthhouse.org

Healthy home maintenance tips

www.MayoClinic.com

General health tips and information

www.drgreene.com

Children's health information



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