



# Appliances



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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**OFFICIAL BUSINESS**  
PENALTY FOR PRIVATE USE \$300

RECYCLED/RECYCLABLE — PRINTED WITH VEGETABLE OIL BASED INKS ON RECYCLED PAPER (MINIMUM 50% POST-CONSUMER CONTENT)

## SAVE ENERGY, SAVE MONEY

When buying an appliance, remember there are TWO price tags: the actual price of the appliance and the energy and water costs you incur monthly to operate it. By incorporating advanced technologies and premium features, ENERGY STAR qualified appliances may help offset initial costs through energy savings over the life of each unit.

By choosing ENERGY STAR qualified appliances, you can save 10-50 percent compared with conventional models and even more compared with older models that you may currently own. If your refrigerator, dishwasher, room air conditioner, and clothes washer were manufactured before 1993, you could save about \$130 in annual energy costs by replacing them with new ENERGY STAR qualified models.

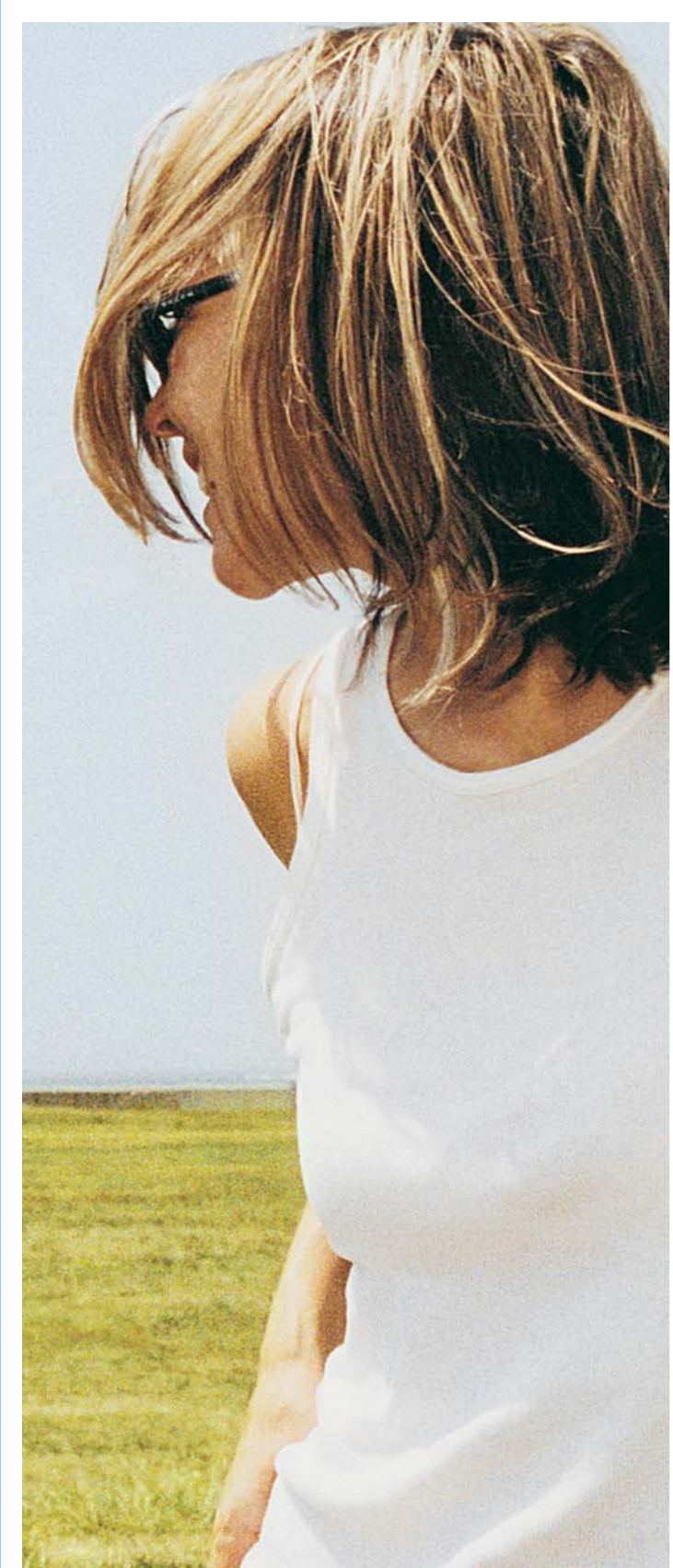
## HELP PROTECT THE ENVIRONMENT

Fossil fuels like coal, petroleum, and natural gas produce most of the energy needed to run appliances. When these fuels are burned, they release pollutants that contribute to smog, acid rain, and global climate change. ENERGY STAR qualified appliances use less energy and can make a real difference for the environment. So in addition to cleaning our clothes and dishes, ENERGY STAR qualified appliances also help prevent pollution. If all consumers were to purchase ENERGY STAR qualified appliances instead of standard models, they'd save almost \$5 billion in energy costs over the next 15 years.

To date, Americans have purchased more than 1 billion ENERGY STAR qualified products. Last year alone, ENERGY STAR helped us save enough energy at peak time to power 20 million homes and reduce greenhouse gas emissions equivalent to those of 18 million cars, and save \$9 billion in energy costs.

## HOW TO SELECT ENERGY STAR QUALIFIED APPLIANCES

In addition to the ENERGY STAR, you can also look for the yellow EnergyGuide label in stores. ENERGY STAR qualified appliances often feature the ENERGY STAR directly on the EnergyGuide label. The EnergyGuide indicates how much energy is used to operate each appliance, provides an energy scale for you to compare products, and lists approximate annual operating costs. Your exact costs will depend on local utility rates and the type and source of your energy.



# WHAT IS ENERGY STAR®?

ENERGY STAR is a label that identifies energy-efficient products, such as appliances, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE).

Products that have earned the ENERGY STAR help you save energy and money without sacrificing performance – one solution to energy supply and cost concerns. By using less energy, these products also help reduce air pollution and global warming associated with energy production.

In addition to appliances, more than 40 product categories, including lighting, home office equipment, heating and cooling equipment, and home electronics, feature the ENERGY STAR.

## ENERGY STAR QUALIFIED APPLIANCES

Appliances that have earned the ENERGY STAR meet strict energy efficiency criteria without sacrificing performance or design. Look for refrigerators, room air conditioners, dishwashers, clothes washers, and dehumidifiers that carry the ENERGY STAR. They're made to fit the style of your home with modern designs and premium features.

### REFRIGERATORS

Refrigerators are one of the highest energy-consuming products in your home. Depending on the type of refrigerator and the cost of electricity in your area, ENERGY STAR qualified models can save more than \$35 annually on utility bills.\*

### DEHUMIDIFIERS

Dehumidifiers reduce the amount of moisture in the air and have become popular appliances in homes across the United States, particularly those with basements. Reduced moisture contributes to a healthy home environment by preventing mold, mildew, and odor. A 40-pint ENERGY STAR qualified dehumidifier can save customers roughly \$20 per year on energy costs. Over the life of the unit, that's \$200 or more – enough to pay for the dehumidifier!

### ROOM AIR CONDITIONERS

ENERGY STAR qualified room air conditioners are at least 10 percent more efficient than conventional models. Replacing a 10-year-old room air conditioner with a new ENERGY STAR qualified model can save up to \$15 annually in electricity, depending on the size of the unit you are replacing.

### DISHWASHERS

New ENERGY STAR qualified dishwashers are at least 25 percent more efficient than new conventional models. Replacing a dishwasher manufactured before 1993 with one that has earned the ENERGY STAR can save more than \$20 per year in energy costs. These dishwashers also minimize water use and demand on the water heater through innovative design features and controls.

### CLOTHES WASHERS

ENERGY STAR qualified clothes washers come in front-loading and top-loading models. Both use less water and energy than standard clothes washers – saving a typical household about \$60 per year in energy costs.

## CHANGE TO ENERGY STAR QUALIFIED APPLIANCES



Consider these benefits when replacing old appliances with ENERGY STAR qualified models.

**Improved Refrigerators** – Some of today's ENERGY STAR qualified refrigerators use less electricity than a 75-watt light bulb. More efficient operation means that newer models are quieter; redesigned doors provide better insulation to keep food fresher, and deeper doors provide more space for commonly used items.

**Cooler Room Air Conditioners** – ENERGY STAR qualified room air conditioners use high-efficiency motors to remove heat from your home, providing optimal comfort while using less electricity than traditional models.

A proportionately-sized air conditioner helps ensure proper temperature adjustments and comfortable humidity levels. When speaking to your sales representative, consider the size of the room, whether it gets heavy sunlight or shade, the amount of traffic through the room, and whether or not the room is a kitchen.

**"Smart" Dishwashers** - ENERGY STAR qualified dishwashers have "smart" features that minimize water use and demand on the water heater and allow for quieter operation and less pre-rinsing. Construction includes more effective washing action, energy-efficient motors and

other advanced technology, such as sensors that determine the length of the wash cycle and the temperature of the water necessary to clean the dishes. Always be sure to consider factors like how much water the dishwasher uses per cycle. Less water means less cost to operate.

**Advanced Clothes Washer Technology** – ENERGY STAR qualified clothes washers incorporate high-quality features for improved performance. Gentler operation, more thorough rinsing, and the removal of more water in the spin cycle make washing clothes more convenient and help protect your clothing investment.

Front-loading machines feature washtubs that move clothes horizontally, similar to clothes dryers. Top-loading ENERGY STAR qualified clothes washers use sensor technology to control water temperature and volume, then use high-pressure spray rinses to remove soap from clothes.

**Energy-efficient Dehumidifiers** – To qualify for the ENERGY STAR, a dehumidifier with the capacity to remove 10-24 liters of water from the air per day must have an Energy Factor of 1.30 or greater.

\*These savings are calculated using the national average electricity rate (8.5 cents/kWh) and are based on replacement of a model manufactured before 1993 with a new ENERGY STAR qualified model.

To locate a store near you that carries ENERGY STAR qualified equipment, use our store locator at [www.energystar.gov](http://www.energystar.gov). You can even calculate your savings by using the simple savings calculator. Just select "products," click on "appliances," and choose the item you are interested in.

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.

For more information, visit [www.energystar.gov](http://www.energystar.gov), or call **1-888-STAR-YES** (1-888-782-7937).



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