

# ENERGY STAR® Certified Home Features

Energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA)

The simple  
choice for  
energy  
efficiency.



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## Efficient Lighting and Appliances



The lighting and appliances in your home come with two price tags—the purchase price and the cost to operate and maintain them. ENERGY STAR certified lighting and appliances meet strict energy efficiency guidelines that deliver better performance, provide better quality, and help reduce home operating costs through lower monthly utility bills, while creating the style you are looking for in a new home.

During construction, ENERGY STAR builder partners often select efficient lighting and appliances to create a complete energy-efficient package that meets EPA's rigorous guidelines—a better approach to building a better home.

### Advanced Lighting

ENERGY STAR builder partners offering advanced lighting options know that you expect high-quality design and functionality. ENERGY STAR certified fixtures and bulbs are found in many shapes and sizes—giving you a wide range of lighting choices to match the atmosphere you want in your home. The attractive designs are complemented by features such as quick starts and no humming; some models include dimming or switching capabilities, automatic daylight shut-off, and motion sensors. ENERGY STAR certified lighting also offers significant cost savings and longer lifetimes when compared to standard products.

**Cost Savings** – On average, ENERGY STAR certified bulbs and fixtures use 70-90 percent less energy than traditional models. An ENERGY STAR certified LED bulb that uses about 9 watts can replace a 60-watt incandescent bulb and save nearly \$55 in electricity costs over the bulb's lifetime.

**Long Life** – Certified bulbs and fixtures last at least 15 times longer than traditional incandescent light bulbs. This means you won't have to worry about regularly replacing bulbs—convenient for those hard-to-reach fixtures.

### High Quality –

ENERGY STAR certified fixtures and bulbs offer the same amount of light, measured in lumens, as incandescent or halogen lighting, while providing a true and natural color without the flicker, hum, or buzz of their infamous fluorescent predecessors.



**Safety and Reliability** – ENERGY STAR certified light bulbs must meet fire safety requirements, including UL standards (Underwriters Laboratories). When compared to incandescent lighting, ENERGY STAR certified lighting produces 70-90 percent less heat and is much cooler to the touch. All certified lighting models are tested, must meet strict specifications for energy efficiency and quality, and come with at least a 2-year warranty.

## ENERGY STAR Certified Appliances

Household appliances can account for nearly 20 percent of energy use in an average home. That is why many ENERGY STAR builder partners are helping buyers like you make smart choices about the models they choose for their new homes, which adds up to real savings in monthly utility bills. A comprehensive package of ENERGY STAR certified appliances can reduce energy costs, but these models also offer premium features and improved performance over standard products.

**Refrigerators** – A new ENERGY STAR certified refrigerator is about 9 percent more energy efficient than the federal minimum energy efficiency standard. Along with greater efficiency, ENERGY STAR certified models operate more quietly. Redesigned doors provide better insulation to keep food fresher and, often the doors are deeper, providing more space for commonly used items.

**Dishwashers** – ENERGY STAR certified models are about 12 percent more energy efficient than conventional units. Their advanced technologies include more effective washing action to reduce pre-rinsing, energy-efficient motors for quieter operation, and sensors that determine the cycle length and water temperature necessary to clean the dishes. These “smart” features minimize water use, which helps reduce the cost of heating water each time you run a cycle.

**Clothes Washers** – ENERGY STAR certified clothes washers come in front-loading and top-loading models. Both use over 45 percent less water and 25 percent less energy than standard clothes washers—saving a typical household about \$50 per year in energy costs. ENERGY STAR certified 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 easier and help protect fabrics from fading and fraying.

**Ceiling Fans** – ENERGY STAR certified ceiling fans move air 50 percent more efficiently than conventional fans. This means you’ll use less energy to get the same amount of cooling. Certified ceiling fans with lights can save you even more on energy bills over the life of the fan.

**Ventilation Fans** – ENERGY STAR certified ventilation fans, like those used in bathrooms, utility rooms, and above cooking areas, use 50 percent less energy than standard models. They also employ high-performance motors and improved blade designs, so they make less noise when operating and provide better performance.



## Building a Better Future

An ENERGY STAR certified new home delivers better energy efficiency and so much more. An ENERGY STAR certified home is built better and built to last because the best, tried-and-true, integrated construction practices are used from the ground up. The result is better quality and durability, better comfort, better systems, a better value for today, and a better investment for tomorrow—plus a label backed by EPA. In short, better is better.

ENERGY STAR® is the simple choice for energy efficiency. For 25 years, people across America have looked to EPA’s ENERGY STAR program for guidance on how to save energy, save money, and protect the environment. Behind each blue label is a product, building, or home that is independently certified to use less energy and cause fewer of the emissions that correspond to negative health and environmental impacts. Today, ENERGY STAR is the most widely recognized symbol for energy efficiency in the world. Since 1992, the program and its partners have helped families and businesses save \$430 billion on energy bills and 4.6 trillion kilowatt-hours of energy, while achieving broad emission reductions—including 2.8 billion metric tons of greenhouse gas emissions. Join the millions across America already making a difference at [energystar.gov](http://energystar.gov).

### ENERGY STAR Certified Home Features

- A Complete Thermal Enclosure System
- A Complete Water Management System
- A Complete Heating, Ventilation, and Cooling System
- Efficient Lighting and Appliances
- Independent Inspections and Testing

**Ask your builder for more information.**



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