

ENERGY STAR® Product-specific Savings

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Lighting

- The average home has approximately 45 sockets or bulbs. High-quality ENERGY STAR certified LED light bulbs are now more affordable than ever, and only LED bulbs that have earned the ENERGY STAR label are independently certified to deliver the quality and performance you deserve.
- ENERGY STAR certified LED bulbs use up to 90% less energy than incandescent bulbs, last 15 times longer, and save more than \$50 in electricity bills over their lifetime.
- By replacing your home's five most frequently used light fixtures or the bulbs in them with models that have earned the ENERGY STAR, you can save about \$40 each year.
- If every American home replaced a light bulb with one that earned the ENERGY STAR, we would prevent 7 billion pounds of annual greenhouse gas emissions, save enough energy to light about 3.6 million homes for a year and save about \$580 million in annual energy costs.

Smart Thermostats

- For the average American household, almost half of the annual energy bill goes to heating and cooling—more than \$900 a year. Being smart about how you control your temperature settings with an ENERGY STAR certified smart thermostat will help you save money and stay comfortable in your home.
- Smart Thermostats that earn the ENERGY STAR offer:
 - ✓ Demonstrated Energy Savings
 - ✓ Reliable Performance
 - ✓ Environmental Benefits
 - ✓ Convenience, Insight, and Control
- The more you spend on heating and cooling, the more you could save with an ENERGY STAR certified smart thermostat. Homes with high heating and cooling bills can save up to \$100 a year.

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- If everyone used an ENERGY STAR certified smart thermostat, savings would grow to 56 trillion BTUs of energy and \$740 million dollars per year, offsetting 13 billion pounds of annual greenhouse gas emissions.

Appliances

- Purchase an ENERGY STAR certified clothes washer, clothes dryer, dishwasher, and refrigerator and you'll save about \$750 over the products' lifetimes.
- If every clothes washer, clothes dryer, dishwasher, and refrigerator purchased in the United States this year earned the ENERGY STAR, we would:
 - Prevent greenhouse gas emissions equivalent to the emissions from about 550,000 cars.
 - Save approximately 3.1 billion kWh/yr of electricity.
 - Save about \$700 million in annual energy costs.
 - Save about 20 billion gallons of water per year.

Air Source Heat Pumps

- An ENERGY STAR certified ASHP can provide heating for approximately 1/3 the cost of traditional electric baseboard heating, depending on where you live, and approximately 1/2 the cost of oil heat.
- Because they transfer rather than generate heat, ENERGY STAR certified mini splits use up to 60% less energy than standard home electric radiators.
- ENERGY STAR certified ductless mini-split heat pumps use more sophisticated compressors and fans that can adjust speeds to save energy, cutting cooling costs by 30% compared to conventional room air conditioners.

Refrigerators

- Replacing an old refrigerator with a new ENERGY STAR certified model and properly recycling the old one will save energy and money. It's cool for you and the planet! You could save about \$260 over the lifetime of the product and save even more with a utility rebate.
- Thanks to recent improvements in insulation and compressors, today's refrigerators use much less energy than older models. With an ENERGY STAR certified refrigerator, you can maximize your energy and dollar savings without sacrificing the features you want.
- If you have an older refrigerator in your basement or garage, it could be costing you \$80 per year to run it.
 - If you only need extra food storage around the holidays or special events, only plug in the old refrigerator when needed. Keeping it unplugged 10 months of the year will save you more than \$65.

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- For families that need a second refrigerator year-round, replace the old one with a new ENERGY STAR certified unit and save more than \$20 a year in operating costs.

Laundry

- Save approximately \$360 over the lifetime of an ENERGY STAR certified clothes washer and even more with an ENERGY STAR washer/dryer pair.
- Together, a laundry pair that has earned the ENERGY STAR not only saves you energy and money while it effectively does the job, it also helps protect the planet, demonstrating that laundry is just better with ENERGY STAR—better for your clothes, better for you and your family, better for the environment.
- Clothes washers that have earned the ENERGY STAR use about 20% less energy and about 30% less water than standard models and use a variety of sophisticated cleaning methods that deliver on performance while being gentler on your clothes.
- On average, it will cost you less than \$80 per year to do laundry with your new ENERGY STAR certified clothes washer. If you have a standard clothes washer that is over 10 years old, it's costing you, on average, \$185.
- ENERGY STAR certified front-load washers use about 50% less energy and water than top-load washers with an agitator.
- If all clothes washers sold in the U.S. were ENERGY STAR certified, the energy cost savings would grow to more than \$3.3 billion each year and more than 19 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from over 1.8 million vehicles.
- Electric clothes dryers that have earned the ENERGY STAR are on average about 20% more energy efficient than standard models and incorporate advanced features that combine less heat with sensor drying to prevent over drying—saving you energy while reducing unnecessary wear and tear on your clothes.
- Replacing your old clothes dryer with an ENERGY STAR certified model can save you approximately \$190 over the lifetime of the product.
- If all clothes dryers sold in the U.S. were ENERGY STAR certified, the energy cost savings would grow to more than \$1.5 billion each year and 22 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from more than 2 million vehicles.

Water Heaters

- If all electric water heaters sold in the United States were ENERGY STAR certified, the energy cost savings would grow to about \$8 billion each year, and about 150 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from more than 14 million vehicles.

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- Water heaters account for 12% of residential energy consumption, costing a household of four up to \$650 every year in energy costs.
- An ENERGY STAR certified electric water heater (known as Heat Pump Water Heaters) uses about one quarter of the energy of a standard model.
- ENERGY STAR certified HPWHs can save a household of 4 approximately \$470 per year on its electric bills compared to a standard electric water heater and more than \$4,500 over the HPWH's lifetime. Larger families — that typically use more hot water — will save even more!

Room Air Conditioners

- When the weather heats up, make the cool choice of a new ENERGY STAR certified room air conditioner. ENERGY STAR room air conditioners use 9 percent less energy and, on average, cost approximately \$70 per year to run.
- Take advantage of improved insulation! ENERGY STAR room air conditioners come with higher quality insulation materials, improving comfort and savings by allowing a better seal of the area between the unit and the window opening.
- Remember, bigger is not always better! Make sure your room air conditioner is the right size for your space. An oversized unit is less effective and wastes energy.
- ENERGY STAR room air conditioners with connected functionality offer consumers additional convenience, comfort, and energy-savings, including the ability to turn off the unit remotely using your phone or computer, schedule changes to temperature settings based on your needs, and receive feedback on the energy use of the product.
- If all room air conditioners sold in the United States were ENERGY STAR certified, the cost savings would grow to more than \$350 million each year, preventing more than 6 billion pounds of greenhouse gas emissions annually—equivalent to the emissions from over 570,000 vehicles.

Electronics

- A home equipped with TVs, set-top boxes, a Blu-ray player, and a sound bar that have earned the ENERGY STAR can save about \$130 over the life of the products.
- ENERGY STAR certified sound bars are approximately 70% more efficient than conventional products. Over its lifetime, an ENERGY STAR certified sound bar can save you nearly \$50 in energy costs.
- ENERGY STAR certified wireless speakers use, on average, 45% less energy than standard models.
- Digital media players (DMPs) that have earned the ENERGY STAR offer the latest technology and are, on average, 40% more efficient than standard models. If all digital media players sold in the United States were ENERGY STAR certified, the cost savings would grow to more than \$200 million each year and 3 billion pounds of annual

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greenhouse gas emissions would be prevented, equivalent to the emissions from over 280,000 vehicles.

- Streaming your favorite shows? Tablets that are ENERGY STAR certified use 4 times less energy than streaming to a laptop and 15 times less than a desktop computer.

Pool Pumps

- Certified in-ground pool pumps use 18% less energy than standard pool pumps and can save approximately \$290 in energy bill costs over the lifetime of the product.
- A standard in-ground pool pump costs approximately \$260 in electric bills annually, which can be the second largest energy draw in your home.
- Certified above-ground pool pumps use about 11% less energy and can save up to \$80 over the lifetime of the product.
- If all pool pumps sold in the United States were ENERGY STAR certified, the energy cost savings would grow to nearly \$240 million each year and 4 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from more than 400,000 vehicles.