



ECU

**SUSTAINABLE ENERGY
AND ENVIRONMENTAL
ENGINEERING**

ENERGY STAR Rated Appliances

New technology is here to optimize the energy consumed by household appliances

An ENERGY STAR rating is obtained by meeting specific criteria set forth by the Environmental Protection Agency, to not only reduce but to optimize energy usage in many common household products.

Household Appliances that have ENERGY STAR ratings

- Clothes washers
- Dishwashers
- Dryers
- Refrigerators
- Blenders
- Cordless phones
- Computers/ Laptops
- Televisions
- Network Equipment
- Water Heaters
- Handheld vacuums
- Uninterruptible Power Supplies
- Audio/ Video
- Cable boxes
- Personal Care Products
- Displays
- Light Fixtures

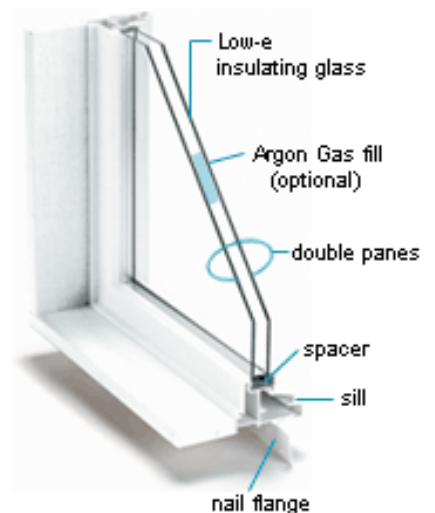
Ratings and Consumptions

For each appliance, new technology must be implemented to reduce energy consumption while not sacrificing output. Furthermore, this new technology has a significantly longer life expectancy than older appliances. On each ENERGY STAR rated appliance, there is an “Energy Guide” that shows energy consumption, how much one would pay per year, etc. This helps when comparing appliances.



ENERGY STAR: Not Just Appliances!

Improve your home's efficiency by having ENERGY STAR rated building materials installed in your residence. Efficiency upgrades like windows, doors, skylights, roof products, new seals and insulation could save the homeowner a drastic amount of money per month. The new building materials create a tighter barrier between the outdoor elements and the indoors.



WHAT MAKES A DOOR ENERGY EFFICIENT?



MULTIPLE GLASS PANES

Double or triple-paned insulating glass is used to reduce heat flow.

IMPROVED CORE MATERIALS

Fiberglass, wood cladding, and steel with polyurethane foam core are among the most energy-efficient door materials available today.

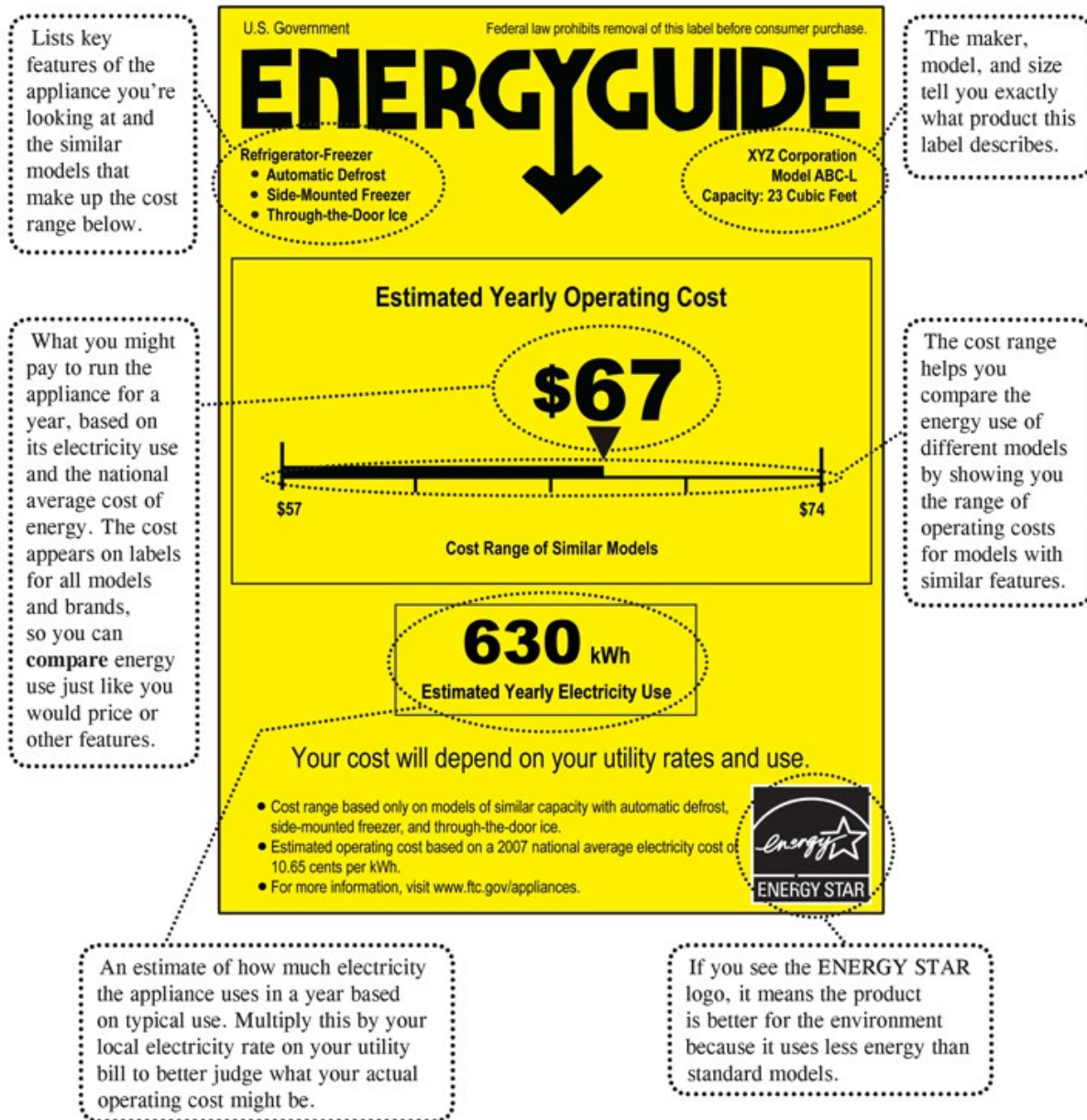


TIGHTER FIT AND IMPROVED WEATHER STRIPPING

New frames may include a magnetic strip to create a tighter seal that reduces air leakage around the edges.

Energy Guide

Below is an example of the label found on each ENERGY STAR rated product.



Resources

www.energystar.gov

Special Thanks to:

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