



Major Appliances

When Canadians want to save energy and money and help the environment, they look for the ENERGY STAR® symbol to identify energy-efficient products.

Major appliances are one of the biggest energy users in a typical Canadian home. That's why more Canadians are looking for the ENERGY STAR symbol when shopping for new appliances.

refrigerators, freezers, dishwashers and bottled-water coolers. The technical specifications are the same for Canada and the United States.

DID YOU KNOW?

A 2002 ENERGY STAR qualified refrigerator uses one third of the energy used by a refrigerator made in 1984. Don't lose these energy savings by using your old refrigerator in the basement or garage.

ENERGY STAR is the symbol for energy efficiency for many products in Canada and the United States. Major household appliances that qualify for the ENERGY STAR symbol save consumers money because they use less energy than conventional products while offering the same or better performance. From an environmental perspective, improving energy efficiency reduces greenhouse gases that contribute to climate change.

To qualify:

- ▶ Clothes washers must have a modified energy factor of 1.26 or greater (modified energy factor means the appliance takes into account the amount of energy used by the dryer to remove the remaining moisture content in the clothes) and typically an energy consumption rating of less than 470 kWh per year. To achieve this target, a clothes washer must have advanced design features that deliver cleaning performance using less water and energy.
- ▶ Refrigerators must be at least 10 percent and freezers must be at least 20 percent more efficient than the minimum federal standard in Canada's *Energy Efficiency Regulations*. These appliances typically have a more energy-efficient compressor and better insulation than conventional models.

How Do Appliances Qualify for the ENERGY STAR Symbol?

In Canada, the ENERGY STAR symbol can be used to promote the sale of qualifying models of four types of appliances — clothes washers,



APPLIANCES



Natural Resources Canada

Ressources naturelles Canada

Canada

- ▶ Dishwashers must exceed the minimum federal standard in Canada's Regulations by at least 25 percent. Typically, models with an EnerGuide energy consumption rating of less than 565 kWh per year qualify. Many ENERGY STAR® labelled dishwashers use "smart sensors" that adjust the wash cycle and the amount of water to match how much cleaning the dishes need. They may also have an internal heater to boost the temperature of incoming water.
- ▶ Bottled-water coolers that dispense cold water or cold and room-temperature water must have a standby energy consumption of no more than 0.16 kWh per day. (Standby energy refers to the energy required to maintain the water at an appropriate dispensing temperature.) Bottled-water coolers that dispense hot and cold water must have a standby energy consumption of no more than 1.20 kWh per day.

Manufacturers of appliances who are not already enrolled in the ENERGY STAR program in the United States and who wish to use the ENERGY STAR symbol in Canada must sign an administrative arrangement with Natural Resources Canada's (NRCan's) Office of Energy Efficiency (OEE) and certify that the product or products to be labelled meet ENERGY STAR specifications. Manufacturers of ENERGY STAR labelled products that qualify in Canada and those that are enrolled in the U.S. ENERGY STAR program must supply NRCan with a Canadian contact if they wish to benefit from NRCan's marketing and promotional activities.

Availability of ENERGY STAR Labelled Appliances

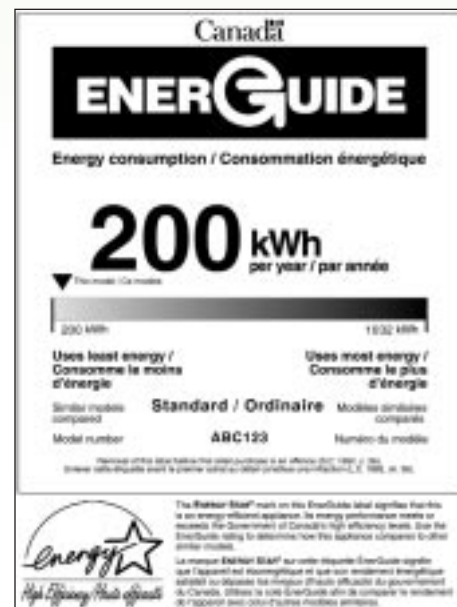
Many appliances sold in Canada now show the ENERGY STAR symbol on the product, on its packaging or in its literature. The *EnerGuide Directory* also lists products that have high efficiency levels. The Directory is available on the OEE's EnerGuide Web site or through the OEE's toll-free publications line (see contact information at right).

The ENERGY STAR initiative in Canada is expected to result in increased demand for, and availability of, ENERGY STAR labelled clothes washers, refrigerators, dishwashers and bottled-water coolers across Canada.

ENERGY STAR and EnerGuide

ENERGY STAR is now being promoted in conjunction with Canada's EnerGuide rating system for appliances, another program whose goal is to help consumers save money and help the environment.

Although the EnerGuide label provides buyers with the information they need to compare the energy consumption of different products, ENERGY STAR goes a step further by identifying the most energy-efficient models on the market. In some cases (e.g., refrigerators), the ENERGY STAR symbol may appear on the EnerGuide label.



For more information on ENERGY STAR in Canada, visit the Web site at energystar.gc.ca, or call the publications line at 1 800 387-2000 (toll-free).



Leading Canadians to Energy Efficiency at Home, at Work and on the Road

The Office of Energy Efficiency of Natural Resources Canada strengthens and expands Canada's commitment to energy efficiency in order to help address the challenges of climate change.