

Natural Resources Canada

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Windows, doors and skylights



Even though windows, doors and skylights do not consume energy, they can be a significant source of energy loss. They are also a potential source of energy gain through the glass. Every fenestration product represents an opportunity to improve a home's or building's energy efficiency.

Consumers enjoy greater efficiency and more choices

Canadians want quality windows, doors and skylights that save energy, save money and reduce our impact on the environment.

A properly installed new, energy-efficient product will

- reduce your energy consumption and save you money
- increase your comfort
- have less condensation compared to a conventional model

Buy ENERGY STAR® for high efficiency

Products that are ENERGY STAR certified for your area are the best energy performers of all makes and models on the mainstream market. They meet strict technical specifications for high efficiency—without compromising features or performance in other areas.

Energy savings vary due to the age, size, design and location of your home, but typical savings on energy bills are **about 8 percent** or more when all the doors and windows installed are energy efficient ENERGY STAR certified models.

An ENERGY STAR certified window, door or skylight will have many of these features to help them save energy:

- double- or triple-glazing, with a sealed insulating glass unit
- low-E coating on the glass
- inert gas, such as argon or krypton, in the sealed unit
- low-conductivity or “warm edge” spacer bars
- insulated frames, sashes and door cores

Technical specifications made in Canada

Natural Resources Canada (NRCan) recognizes the challenges that our country's unique climate range presents to homebuyers, renovators and homebuilders. So NRCan has collaborated directly with industry experts to create distinctly Canadian ENERGY STAR specifications for residential fenestration products.

NRCan has also developed a map of climate zones in Canada for ENERGY STAR certification.

NRCan supports the model national energy codes for buildings and new homes which include fenestration products.

Tools you can use

More information on energy efficiency in residential fenestration products is available in these NRCan publications:

- If you want to repair, look at the illustrated booklet [Improving Window Energy Efficiency](#) [PDF - 576 KB].
- For a two-page summary, view the [ENERGY STAR Certified Windows, Doors & Skylights](#) [PDF - 714 KB] fact sheet.

The ENERGY STAR name and symbol are administered and promoted in Canada by Natural Resources Canada and are registered in Canada by the United States Environmental Protection Agency.

Date Modified: 2015-06-29