

Give Yourself a Gift
that Keeps on Giving.



Pilkington **Energy Advantage™** Low-E Glass



PILKINGTON
NSG Group Flat Glass Business

GIVE YOURSELF THE GIFT OF FREE ENERGY SAVINGS! IT'S LIKE GIVING YOURSELF A PRESENT EVERY TIME YOU PAY YOUR UTILITIES.

Why choose Pilkington Energy Advantage™ Low-E Glass?

Pilkington **Energy Advantage™** Low-E Glass is the ideal choice for our northern climate. It combines the highest solar heat gain (FREE ENERGY) with good insulating properties which is why it produces the **best year round energy savings**.

Not all low-e's are the same - while most low-e glasses have similar performance from an insulating standpoint, they perform quite differently from a solar heat gain standpoint. Solar heat gain is quite simply the amount of **free energy** we can get from the sun.

How it works...

Solar heat gain is free energy from the sun! It comes in through your windows and provides free heat. Ordinary clear glass allows room heat to escape, eventually costing you more money on your energy bills. Pilkington **Energy Advantage™** Low-E is a high performance, energy-efficient glass made with a coating that is designed for top performance in our northern climate, which is why it can **rate highest on the Canadian Energy Rating**. Pilkington's Low-E glass allows the sun's energy to warm your home in the winter!

In the winter, room heat flows out toward the cold. As a result your furnace is working overtime - increasing your utility costs! The special coating helps block that transfer of heat, ultimately saving you money!

High Solar Heat Gain vs. Low Solar Heat Gain

High solar heat gain glass is designed for optimal performance in our northern or heating dominated climate because it allows free solar energy or heat to enter your home much like a solar collector.

Normal clear glass wastes energy by allowing more of your room heat to escape in the winter. Pilkington **Energy Advantage™** Low-E Glass is designed for optimal performance in our northern or heating dominated climate because it allows free solar energy, or free heat to enter your home and keep it inside.



Pilkington **Energy Advantage™** Low-E glass allows passive solar heat gain to warm your home. Decreasing energy costs.



Pilkington **Energy Advantage™** Low-E glass helps stop heat from escaping homes. Decreasing energy costs.

IT'S THE PERFECT SUSTAINABLE SOLUTION TO ENERGY SAVINGS!

Let free solar energy start saving you money! Pilkington Energy Advantage™ Low-E Glass provides an abundance of clean, free energy. Other benefits include:

Increased Comfort.

Pilkington Energy Advantage™ Low-E Glass warms interior glass surfaces, so you don't need to bundle up inside or rearrange the furniture in the winter to avoid cold spots.

Built in Temperature Control.

Because Pilkington Energy Advantage™ Low-E Glass helps keep the inside glass warmer, you can enjoy a more comfortable humidity level. This greatly reduces condensation and fogging on your windows, so you don't have to wipe off windows and sills, or worry about moisture damaging the interior of your home.

Help Your Home Give Back To The Environment.

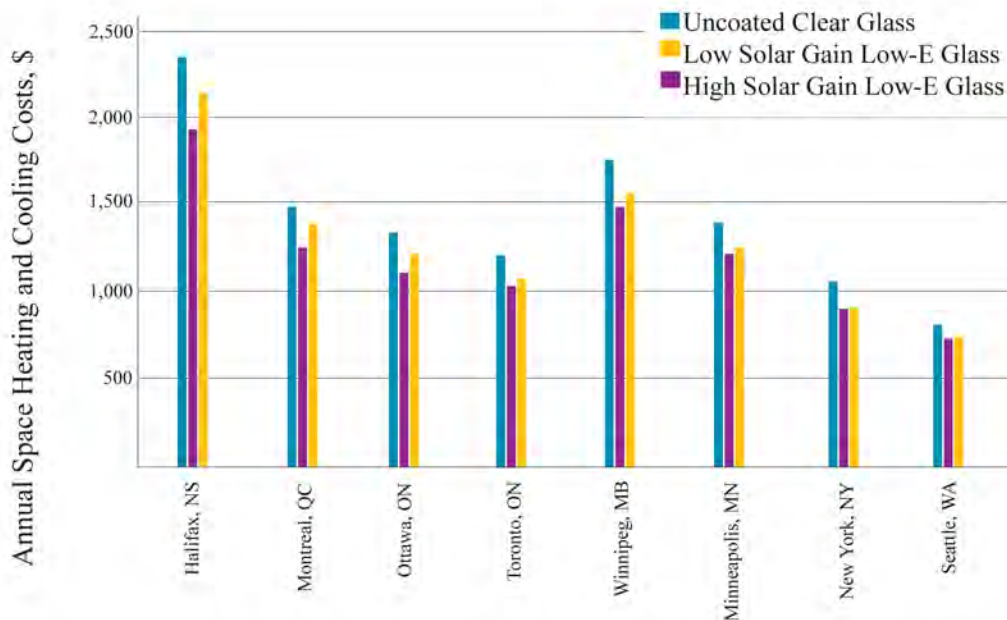
Pilkington Energy Advantage™ Low-E Glass is good for the environment because it uses clean, abundant, free solar energy. With today's energy prices, the energy cost benefits range from 6% to 27% with low-e glazed windows compared to conventional windows.



Pilkington Low-E Field Test Houses

In 2006 the Canadian Center for Housing Technology (CCHT) National Research Council of Canada (NRC) in Ottawa, Ontario conducted a study to measure the energy impact of low-e glass types. The council took two identical houses, except for the glass in the windows and patio doors, one with Pilkington Energy Advantage™ Low-E Glass, having “high solar heat gain,” and the other with a “low solar heat gain” low-e glass. The study measured the heating and air conditioning consumption. The study found that Pilkington Energy Advantage™ Low-E Glass provides the best year round performance. That's why it can rate highest on the Canadian Energy Rating.

Graph showing total annual heating and cooling costs computed for North American locations.
(US locations in US \$, Canadian locations in Can \$)



- High Solar Heat Gain (HSG) Glass is Beneficial
- Low Solar Heat Gain (LSG) Glass is Beneficial



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