

Cardinal Glass LoE 366 and LoE 180

 advancedwindowsusa.com/cardinal-glass-loe-366-loe-180

Whether you're trying to **keep your home comfortable during summer's worst heat or winter's lowest cold**, your **windows have a high impact on your comfort and utility costs**. When you have **high-quality windows** and doors installed by **Advance Window Products**, you receive lead safe, energy-efficient insulated Cardinal glass. Here's how LoE glass works, how different grades measure up and how this special glass can impact your home's comfort.

What Does LoE Mean?

LoE or Low-E glass refers to **low emissivity**, or the **ability of a material to radiate heat**. When heat strikes regular glass in your home, the heat, either from the interior in the winter or exterior in the summer, it's radiated through the material, making your HVAC system work harder to maintain temperature. **When you have LoE glass installed by Advanced Window Products, that heat isn't radiated, keeping your home more comfortable and your utility bills down to a more reasonable level.**

What Makes Glass LoE?

Our LoE glass contains an extremely **thin film of silver that is invisible to the naked eye, but will reflect infrared and ultraviolet light out of your home without blocking visible light**. Ultraviolet light is the main cause of fading in your home's decor while infrared is responsible for heat build-up in your home. When we install LoE windows in your home, you'll enjoy more **constant temperatures** and **better preservation of your home's decor** than with regular glass.

Argon or Air Between Panes?

Another feature in **energy efficient windows** involves how many panes of glass it uses and what fills those areas between the panes. **Multi-pane windows help deliver better energy efficiency by creating an insulating gap between the panes**. However, **what fills those gaps also has an impact**. Though air-filled gaps provide good energy efficiency, **argon-filled gaps provide better energy efficiency**, raising interior temperatures by 2-3°F compared to its air-filled counterparts.

About LoE-366 Glass

LoE-366 is our **premium performance glass for all climates**.

It **blocks 95% of UV light and heat** with a **unique triple layer coating** of silver, providing **superior heat, cold and humidity control** to keep your home's **interior comfortable and beautiful**.

It also **provides you with amazing visibility and transparency** while outperforming the tinted glass used in southern climates. It's the **only double-pane window in the industry that is Energy-Star rated for every climate zone**.

When purchased in a laminated multi-pane window, it can even meet **hurricane-resistant ratings** and is available in a **wide range of shapes and sizes**.

About LoE-180 Glass

When you need the **best possible glass for a cold climate**, **LoE-180** provides unique benefits not seen in other

Low-E glass varieties. A thin layer of silver **allows the sun's heat in while still reflecting the heat from your home back into the interior, making it an excellent option for passive solar heating in northern climates.**

A **protective layer** covers our specialized silver layer, **keeping it from being damaged** while still **allowing superior visibility and light transference.**

This high-quality energy-efficient glass is **available in many shapes and sizes.** As with LoE-366 glass, LoE-180 is **available in laminated, multi-paned windows** that are **hurricane resistant.**

WHAT MAKES AN ENERGY EFFICIENT WINDOW



Did you know heating and cooling your home makes up **48%** of your utilities bill?



Today, manufacturers use a variety of technologies to make **ENERGY STAR** qualified windows.

Low E Glass

Coatings on glass help with temperature control

Quality Frame Materials

Durable, low maintenance frame reduces heat transfer with better insulation

Argon Gas Fills

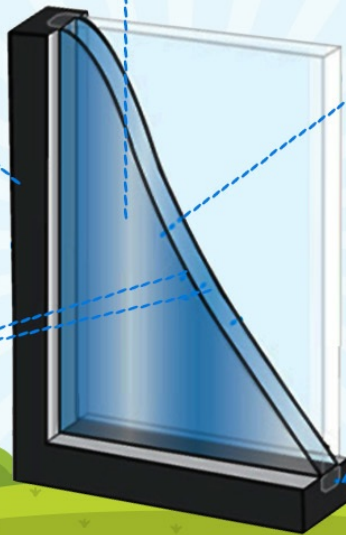
Better insulation between the panes than regular air.

Multiple Glass Panes

Better insulation with double or triple panes

Warm Edge Spacers

Reduces heat transfer with correct spacing between glass and insulated edges



Windows alone



Save energy and money by



account for
10% - 25% of
your electric bill



switching to energy efficient
windows from Advanced
Window Products



Utah's #1 Window Replacement Company
801-438-3515 AdvancedWindowsUSA.com

What about Energy Star?

The Energy Star labeling system was developed by the US Department of Energy to *raise awareness of energy consumption and make it easy for consumers to compare energy-efficient products, including windows*. The Energy Star label on our windows mean:

- We're a partner with the Energy Star administration.
- Our windows have been independently tested and certified by the National Fenestration Rating Council.
- We've received NFRC ratings within the DoE's energy efficiency guidelines.

Choose Energy Efficient Windows in Utah from Advanced Window Products

At [Advanced Window Products](#), we don't just sell *energy efficient windows* – we make them. As the *only factory-to-consumer operation in Utah*, we can provide you with *superior-quality energy-efficient windows* while delivering *exceptional value* without the middleman. **Available in custom shapes and sizes**, you're certain to find the perfect windows for your home or business. Because our windows are designed to meet the highest standards, they allow you to [invest in better windows without breaking the bank](#).

Are you ready for more energy-efficient windows for your home or business? Advanced Window Products is your **#1 Window and Door Replacement Company in Utah!** With *factory-to-consumer pricing, financing*, and a **100% satisfaction guarantee**, you'll love what we have to offer. Contact us for a **free bid** by filling out our [online form](#) or calling us at **1-800-246-9355** today!