

COLOR COLLECTION

Beauty and vision, performance and strength – it all comes together in our assortment of color selections. Customize the appearance of your windows with our beautifully styled decorative options.

⁵ Bronze exterior is not available for garden windows or 6500 Series patio doors.



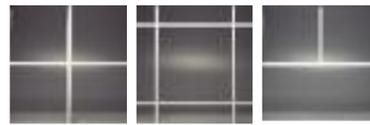
White

Almond

Bronze⁵/White

GRID OPTIONS

Decorative grids lend an added measure of style and dimension to your windows. All grids are enclosed within the insulated glass unit for easy cleaning. Select a grid profile and pattern to achieve your ideal finished look. Designer grids are also available for design flexibility.



5/8" Standard
Colonial

5/8" Standard
Prairie

5/8" Standard
Craftsman

OBSCURE GLASS

Obscure glass styles offer privacy for bathrooms and other areas of your home without blocking the natural light.



Obscure

Glue Chip

LIFETIME LIMITED WARRANTY

Energy Windows are backed by a Lifetime, Limited Warranty[†] to provide you with years of worry-free comfort. And, because our warranty is fully transferable, it not only protects you, but also the resale value of your home.



256 East 10th Drive • Mesa, AZ 85210
480.794.1846 • www.energywindowsaz.com
AZROC License # 268618



Energy Windows Series

CUSTOM-MADE WINDOWS DESIGNED FOR YOUR HOME





BUILDING A REPUTATION

When you're considering a home remodeling project you need to know the company that installs your product will be with you every step of the way.

At Energy Windows, we are committed to providing the highest quality installation, service, and communication as a means to ensure your complete satisfaction. We understand that all of the windows in your home are an important design element, one that can add curb appeal, energy efficiency, and resale value to your home. Energy Windows Series are energy-efficient, durable and beautiful, and are designed to provide a seamless fit for all the windows in your home. Every window and door is made specifically for each individual opening so they perform at the highest level with minimal impact to the home's interior.

From day one, we will welcome any questions and concerns you may have during the renovation process. It is our goal to provide you with beautiful and practical home improvements that will stand the test of time, along with the peace of mind that you have made an excellent selection for your home. At Energy Windows, we realize this importance and know when it's time to remodel your home, you want a company you can depend on, and you can trust.

ENERGY-SAVING INSULATED GLASS

For most homeowners, lowering fuel costs for heating and cooling is a key motivation for purchasing new windows. Windows are roughly 80% glass, so it's important to choose the best glass system for your home and specific climate conditions. Homeowners often face a dilemma when they want protection from the sun's damaging rays, but don't want their view disturbed by heavy, protective laminates or inferior glass coatings. We offer an unparalleled combination of energy saving solar control and fading protection called ClimaTech Elite. Simply put, this solar-focused insulated glass package will help protect a home's carpet, furniture, floors and draperies from fading, prevent the overbearing heat gain from the sun's rays and still allow you to enjoy the outdoor view without distortion or haze. Where most soft coat Low-E glass products are manufactured with two separate metallic, vacuum-deposition layers that help to repel the sun's hot and damaging rays, the Low-E glass surface of the ClimaTech Elite insulated glass package offers an unparalleled third metallic layer. This extra layer makes ClimaTech Elite one of the most high-performance and energy-efficient glass packages available on the market today.

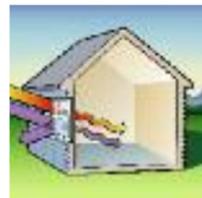
ClimaTech insulated glass packages rely on the many energy performance characteristics of Low-E glass. Shown below are three of the most critical performance requirements that should be considered when choosing an optionally enhanced glass unit for your new windows.



The U-Factor (also referred to as U-Value) is a number that represents the rate of heat flow through a glazing system. The lower the U-Factor, the greater a window's resistance to heat flow and the better its insulating value. This performance is critical to those homeowners who may experience increased heating conditions.



The solar heat gain coefficient (SHGC) is a number that represents the fraction of solar radiation admitted through a window, both transmitted and absorbed, and subsequently released inward. The lower a window's SHGC, the less solar heat it transmits. Climates that rely heavily on air conditioning will benefit from a window product that displays a low SHGC.



Ultraviolet light (UV) are the invisible rays of the spectrum and are found in everyday sunlight. These rays of light are responsible for the fading of carpets, fabrics and even paint finishes. Visible light is simply the portion of the electromagnetic spectrum that produces light that can be seen.

CLIMATECH® THERMD SPACER SYSTEM

The spacer system in your window provides two important functions: stabilizing the panes of glass and enhancing energy efficiency. ClimaTech Thermd's Intercept® Spacer delivers maximum power with its stainless steel alloy and patented U-shaped design. Recognized for its unequal strength, durability and resistance to corrosion, stainless steel is also impervious to gas transmission, which improves insulating gas retention in the window unit and increases its thermal performance. The stainless steel spacer also is designed to withstand effects of temperature changes with flex and low stress on the sealant bond.

ENERGY WINDOWS ASSURE LASTING QUALITY, PERFORMANCE AND ENERGY EFFICIENCY.

- 1 **EdgeForce** makes a statement of style with its low-profile frame and sash, creating an expanded glass area. At the same time, internal chambers increase structural integrity, rigidity and energy efficiency.
- 2 **CoreFX** innovative composite reinforcement allows for secure mounting of hardware and the non-conductive material helps reduce the transfer of energy.¹
- 3 **Defense-Tek's** end-of-throw cam shift locking action delivers increased strength and protection. The low-profile design includes a "locked" indicator that tells you if your windows are left unlocked.
- 4 Smooth and uniform, **Forecaster** quickly directs water runoff without the use of weep holes, keeping the exterior of the window clean and attractive.²
- 5 When extreme wind and weather hit, **Gatekeeper** stands strong. Traditional sloped sill designs can allow the sash to bow during powerful winds, but with Gatekeeper interlocking sash-to-sill technology, the sash is channeled firmly into the window frame for a unified wall of strength.

Our HP3 telescoping sill dam delivers a triple payoff: protection from air and water infiltration, increased structural stability and enhanced beauty.

The **Ocular** compression bulb seal creates a snug fit that eliminates light penetration between the screen and frame. It also aids in easy screen installation and removal.³

PLUS THESE ADDITIONAL FEATURES:

- Fully fusion-welded frame and sash corners create superior strength and a clean, low-profile finished look.
- Dual-pane, double-strength glass increases strength, durability and insulation.
- Airtight insulating chambers enhance thermal performance and durability.
- Multi-layer weatherstripping helps block energy loss and protects against inclement weather.
- Dual vent stops for limited and convenient opening of the window for ventilation.
- Hidden screen track creates a clean-line design for enhanced visual appeal; half screens are standard, optional full screens available.



ENERGY 5000 SERIES WINDOW GLASS PERFORMANCE COMPARISON⁴

	U-Factor	SHGC
Clear Glass	0.45	0.59
Energy 5000	0.21	0.19

ENERGY 2000 SERIES WINDOW GLASS PERFORMANCE COMPARISON⁴

	U-Factor	SHGC
Clear Glass	0.44	0.59
Energy 2000 ⁵	0.26	0.21

¹Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 84" high.
²For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.
³Available only with the full screen option.
⁴Performance based on whole window values of a sliding window with double-strength glass. Performance values will vary based on model and configuration.
⁵Whole window values, single-strength glass and composite reinforcement.



SLIDING WINDOWS

A generous glass area complements the sleek yet strong mainframe and sashes of Energy Sliding Windows. You'll enjoy the ample infusion of warm, natural light along with an unobstructed view of the outdoors.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection and longevity.
- Embedded, multi-chambered construction creates airtight insulating compartments for increased thermal performance and strength.
- Non-conductive, composite reinforcement in the meeting rails allows for secure mounting of hardware and improves energy efficiency.
- Nylon-encased dual brass roller system for easy-glide performance.
- Hidden screen track for a neat, clean appearance.

DOUBLE-HUNG WINDOWS

The Energy Double-Hung Window combines modern technology with timeless appeal. The energy-tight construction, handsome detail and easy operation take this window from functional to fantastic.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Integrated sash-to-sill interlock provides a unified wall of strength; prevents the sash from bowing in extreme winds.
- Non-conductive, composite reinforcement in the meeting rails allows for secure mounting of hardware and improves energy efficiency.
- True sloped sill creates a highly efficient drainage system to prevent water and debris accumulation.
- Constant force balance system provides smooth raising and lowering of sashes.
- Hidden screen track for a neat, clean appearance.

CASEMENT WINDOWS

Casement windows are both beautiful and versatile and are designed to provide your home with an attractive finish while delivering unsurpassed energy efficiency.

- Exterior sash design creates the appearance of a larger glass area with an attractive slimline look.
- Step-down frame with three weatherstripping seals provides a tight seal during inclement weather.
- Positive crank mechanism ensures easy operation when opening and closing the sash.
- Multi-point locking system ensures a tight seal and increased comfort.
- Multiple lite configurations available in a single mainframe.
- Combine casement and fixed lite windows to add striking beauty and increased visibility.

AWNING WINDOWS

Awning windows have a unique design that are expertly crafted and impart a bold statement of style and dimension while allowing ample ventilation.

- Exterior sash design gives the window the appearance of a larger glass area with an attractive slimline look.
- Heavy-duty, state-of-the-art hinge system provides easy operation from inside the home.
- A dual locking system on each side of the window.
- Multiple lite configurations available in a single mainframe.
- Combine with fixed lites to allow for convenient ventilation while creating increased visibility.



PICTURE WINDOWS

The use of fixed-lite windows and architectural shapes easily combine to form an elegant design. The gracious, unobstructed view offered by the picture window literally creates a window to the world.

- Narrowline frame features fusion-welded corners for enhanced style, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection and longevity.
- Integrated, multi-chambered construction creates airtight insulating compartments for increased energy efficiency and structural integrity.

SPECIAL SHAPE WINDOWS

You can create a work of art by combining specialty shapes and picture windows. Together they achieve exquisite detail you'll appreciate every day, from every angle.

- Narrowline precision-welded frame features fusion-welded corners for a clear attractive design.
- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection.
- Multi-chambered construction creates airtight insulating spaces for greater thermal efficiency.
- Choose from a variety of architectural styles, including Circle Top, Quarter Arch, Eyebrow, Half Eyebrow, Ellipse, Full Circle, Hexagon, Octagon, Pentagon, Cathedral, Trapezoid, Triangle and more.

SLIDING PATIO DOORS

Get the most out of the spring and summer months with classic sliding patio doors, a perfect blend of beauty and energy efficiency.

- Three distinctive styles: Contemporary, Classic and French.
- Mainframe and sash feature a double-wall design and multi-chambered construction for added strength.
- Dual internal/external weatherstripping on the sash ensures optimal energy efficiency.
- Steel reinforcements at the interlocks and lock rails increase strength and rigidity.
- Precision-engineered tandem roller system ensures easy and quiet door operation.
- Heavy-duty extruded aluminum screen features four adjustable rollers for smooth gliding.
- Available in 2-, 3- and 4-panel configurations.
- Choose from a variety of solid colors, hardware finishes and grid patterns to complement your windows.