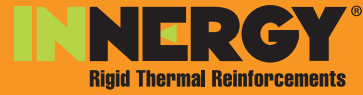




An advanced material developed through an intensive manufacturing process and formulated to withstand the harsh effects of weather and ultraviolet light.

Sunshield® is an environmentally minded compound that exceeds all required material standards for strength and best-in-class performance.



Standard with Innergy® Rigid Thermal Reinforcements, the next generation of reinforcements designed to slide easily into window chambers for great support and thermal performance.

Innergy® Rigid Thermal Reinforcements are advanced fiber glass reinforced resin inserts with all the strength and structural reinforcement of aluminum, but with a whole new set of high-performance benefits.



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Part No. FEN-131-0218

ENERGEX ELITE WINDOW SYSTEM

BY:



www.energeXwindows.com

Double Hung

DOUBLE HUNG | HORIZONTAL SLIDER | PICTURE



A vision of excellence.

The Energex Elite window system represents a high-end and highly technical approach to window design.

These beautiful window systems incorporate unsurpassed innovation and engineering technology to exceed performance requirements for impact resistance and standard ENERGY STAR requirements.

Select from a variety of highly durable, low-maintenance colors and optional finishes. Create your own unique window by including popular options such as ultra-performance insulated glass, triple pane or mini-blinds hermetically sealed inside the glass, and many more.

PERFORMS WITH STYLE

The Energex Elite window system is a high-performance window system, with enhanced structural and thermal performance for use in renovation and remodeling, and new construction applications.

- Rich, contemporary look
- Premium performance: up to DP55
- High-end glass options
- Latest integrated locking and latching hardware

CONFIGURATIONS

- Double Hung
- Horizontal Slider
- Picture Window

STANDARD COLORS



DOUBLE HUNG PERFORMANCE

(48 X 75 test unit)

- Structural: DP 55
- Thermal performance range: .48 to .18
- Air Infiltration: 0.05 cfm
- Designed to achieve excellent Sound Transmission Coefficient (STC)

DESIGN

- Low profile design to maximize viewing area
- 3 1/4" frame depth increases structural rigidity for a lifetime of performance
- Built in J-Channel to accept vinyl siding
- High-end glass options including tempered, internal grids, internal blinds, and triple glazing
- Rounded contours and soft corners improve the adhesion of lamination and painting
- Multi-chamber frame for improved energy efficiency
- Multiple weather seal locations

WARRANTY

- Lifetime warranty on vinyl.
- 10 year warranty on glass against seal failure.
- Lifetime warranty on hardware.



Performance

The following performance ratings are based on a double hung window with a vinyl frame and sashes.

Glass	Overall IG Thickness	Air Infiltration	Total Product U-Factor	Total Product SHGC	Condensation Resistance
Double Pane Low-E Argon	7/8"	0.05 cfm	0.28	0.27	61
Double Pane Low-E Argon W/ Foam Fill Frames	7/8"	0.05 cfm	0.27	0.28	61
Triple Pane Low-E Argon	7/8"	0.05 cfm	0.24	0.23	67
Triple Pane Low-E Krypton	7/8"	0.05 cfm	0.19	0.23	69



Available with integral nailing fin for new construction applications or without nailing fin for replacement applications.

Standard Glass Package: 7/8" OA
 Double Strength Glass
 High Performance Soft-Coat Low-E
 Argon Gas Fill
 EnerEDGE Warm Edge spacer system
 (no metal advantage)



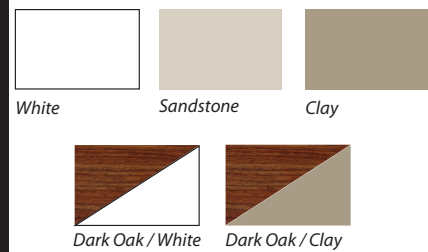
INNERGY® Rigid Thermal Reinforcements standard on all sizes



Recessed lock and keeper

Triple weather-stripping at all sealing locations

STANDARD COLORS

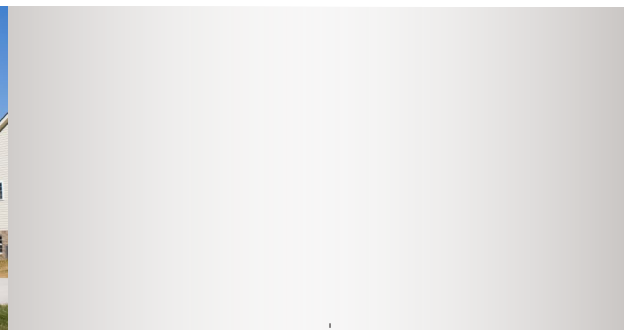
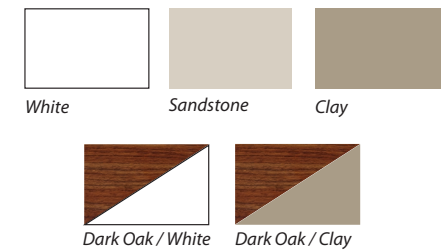


- Low profile design to maximize viewing area
 - Rounded contours and soft corners
 - Multi-chamber frame for improved energy efficiency

Standard Glass Package: 7/8" OA
 Double Strength Glass
 High Performance Soft-Coat Low-E
 Argon Gas Fill
 EnerEDGE Warm Edge spacer system
 (no metal advantage)

Available with integral nailing fin for new construction applications or without nailing fin for replacement applications.

STANDARD COLORS



CASEMENTS | AWNINGS



BROADEN YOUR HORIZONS



CASEMENTS | AWNINGS



A new realm of possibility.

The EnergeX Elite casement and awning windows open a window of opportunity through high-end window design.

With polished design and the added flexibility of multiple configuration options, these windows are built to exceed performance requirements for impact resistance and energy savings requirements for the ENERGY STAR program.

Designed to complement the EnergeX Elite Double Hung and Horizontal Slider systems, these windows add the freedom of a casement window for increased ventilation and a wider opening.

PEAK PERFORMANCE

The is a high-performance window system, with enhanced structural and thermal performance for use in renovation and remodeling, and new construction applications.

- Rich, contemporary look
- Premium performance: up to DP50
- High-end glass options

STANDARD COLORS



White



Sandstone



Clay



Dark Oak / White



Dark Oak / Clay

Casement

PERFORMANCE*

- Structural: Up to DP 50
- Thermal performance range: .42 to .18
- Impact capable

DESIGN

- Fully welded frame and sash
- New construction or replacement applications
- Triple-seal design
- Water channels designed to direct wind-driven rain away from window
- 3 1/4" frame depth
- Multi-chamber frame for improved energy efficiency
- Standard with Innergy® reinforcements

CASEMENT/AWNING

- Fully welded frame and sash
- New construction or replacement applications
- Triple-seal design
- Water channels designed to direct wind-driven rain away from window
- 3 1/4" frame depth

WARRANTY

- Lifetime warranty on vinyl.
- 10 year warranty on glass against seal failure.
- Lifetime warranty on hardware.

*Actual performance varies by window configuration and glass package.



3 1/4" frame standard

Water channels designed to direct wind-driven rain away from window

Multi-chamber frame for improved energy efficiency and performance

Fully welded frame and sash corner joints for improved air and water performance

Standard Glass Package: 7/8" OA
Double Strength Glass
High Performance Soft-Coat Low-E
Argon Gas Fill
EnerEDGE Warm Edge spacer system
(no metal advantage)

Multi-point hardware configurations

Opens to 90° angle for maximum ventilation and ease of cleaning

Triple weather seal locations

Available with integral nailing fin for new construction applications

STANDARD COLORS



Awning

The Energex Elite awning windows are a very versatile window and allow for ventilation and fresh air, even when it is raining! These windows can be used as standalone units or combine them with the Energex Elite picture windows for additional configurations.



Casement Performance

The following performance ratings are based on a casement window with a vinyl frame and sashes. (Awning performance ratings similar)

Glass	Overall IG Thickness	Air Infiltration	Total Product U-Factor	Total Product SHGC	Condensation Resistance
Double Pane Low-E Argon	7/8"	0.0 cfm	0.27	0.25	60
Triple Pane Low-E Argon	7/8"	0.05 cfm	0.22	0.24	66

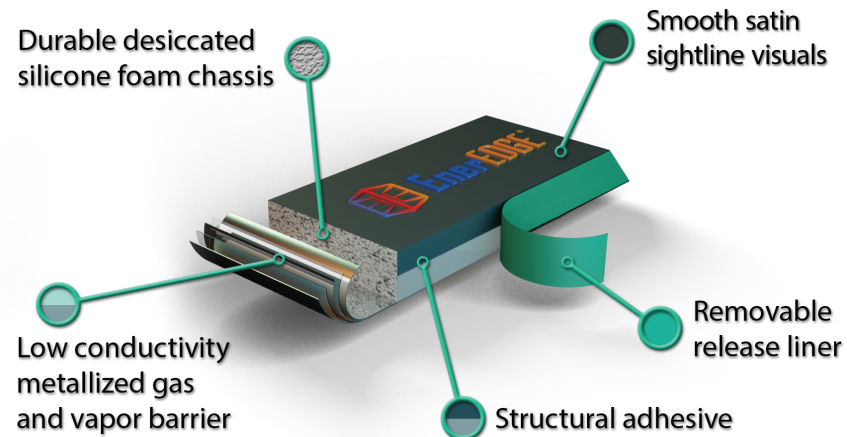


THE ADVANTAGE OF WARM-EDGE TECHNOLOGY

In double or triple glazing, warm-edge technology is defined as the low conductivity spacer used to separate the panes of an insulating glass unit. Warm-edge spacer systems possess lower thermal conductivity values resulting in superior thermal performance when compared to the traditional, standard aluminum spacer bar.

WHAT IS EnerEDGE®?

EnerEDGE® is a pre-desiccated, ready-to-apply, cellular silicone warm-edge spacer that is suitable for a wide range of insulating glass constructions in fenestration applications. EnerEDGE spacer is inset and applied to a glass lite's perimeter to enable fabrication of dual and triple-glazed IG units in conjunction with a quality applied perimeter sealant.



EnerEDGE ADVANTAGES

PERFORMANCE PLUS PARTNERSHIP

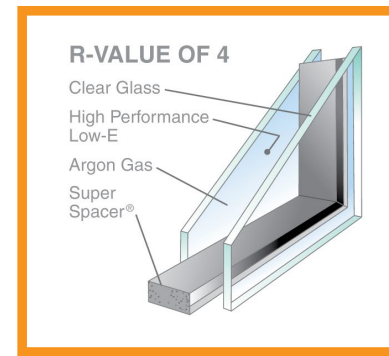
EnerEDGE® for so many reasons...

- The all-foam formula of EnerEDGE blocks the heat escape path and provides on the best thermal performances in the industry.
- Condensation can lead to more than bacteria and molds. It can increase the likelihood of fungi, viruses, and mites that cause respiratory infections, allergies, and asthma.
- Improved sound absorption over traditional metal spacers; NO-Metal EnerEDGE is a huge help in keeping the decibels down.
- Our dual seal system helps EnerEDGE insulating glass units last up to nine times longer* in durability tests than single-seal units.
- Our all-foam formula offsets the effects of temperature changes, barometric pressure, wind load, and glazing pressure. The end result is less seal failure and fewer stress cracks.

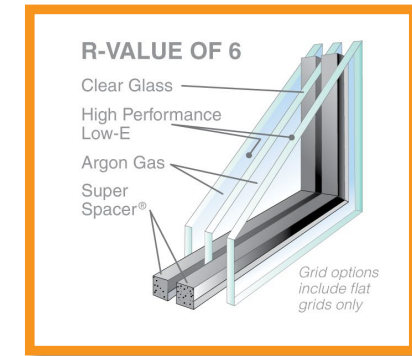
Options

- Triple Pane High Performance Low-E Argon Glass
- Triple Pane High Performance Low-E Krypton Glass
- Tempered Glass
- Half Screen
- Fiber Screen
- Aluminum Screen Mesh
- Factory Mulling
- Integrally Molded Nail Flange with J-channel
- Oriel or Cottage Style Sashes
- Obscure Glass
- Exterior Brickmould
- Painted exteriors in a wide array of colors (15 year warranty)

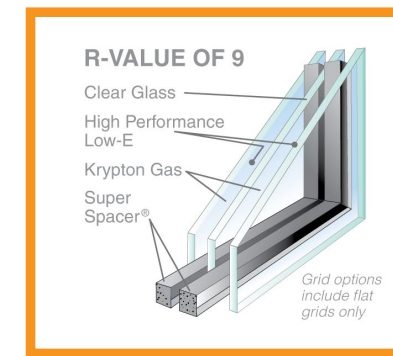
Ask for additional options that are not listed.



Double Pane with Argon gas



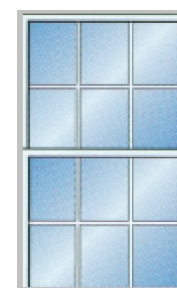
Triple Pane with Argon gas



Triple Pane with Krypton gas

Grids

Colonial



Prairie



Contour



Flat

