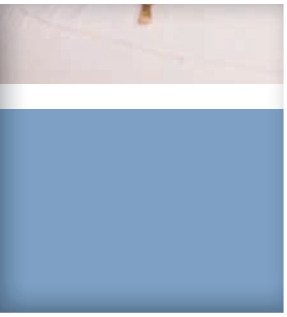
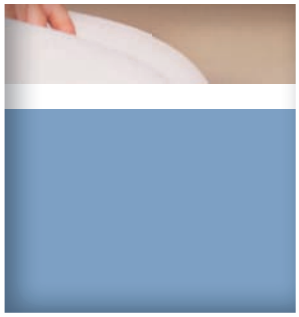
THERMAL
Windows & Doors

9000 SERIES





Designed for Your Life. Guaranteed.™

Premium Vinyl

Replacement Windows

and Patio Doors

Double Hungs

9000 SERIES

At Thermal Windows and Doors, we design premium vinyl replacement windows and doors that lend classic charm to any décor, and that meet – or exceed – the highest energy standards. Whether you're looking for a more comfortable and consistent temperature in your home, a beautiful interior or exterior accent, or simply to lower your energy bill, look no further than Thermal Windows and Doors. In all seasons and all conditions, we think you'll like what you see.

In 1960, we created the very first custom-vinyl replacement window in America, and today we're pleased to bring our state-of-the-art window to you, all backed by one of the strongest lifetime guarantees in the industry.

The 9000 Series offers everything you hoped for and more in your new replacement windows – structural integrity, low maintenance and excellent thermal performance.

Thermal Windows. **Designed for Your Life. Guaranteed.™**

Windows should brighten up your life, not complicate it. With vinyl windows from Thermal, you'll get top-of-the-line performance and energy efficiency – without ever having to scrape, sand or paint another window again.

Energy Efficiency

It's all in the name. Thermal Windows offer the very best in energy efficient features. Our warp-resistant vinyl, fully-welded frames and Peak Performance™ Glass provide tight seals and exceptional insulation, so you'll have lower energy bills year-round.

Easy Care

We use the highest quality PVC vinyl in our windows, which means they'll never warp or need painting or refinishing. Tilt-in sashes and optional grids between the panes make cleaning even easier.

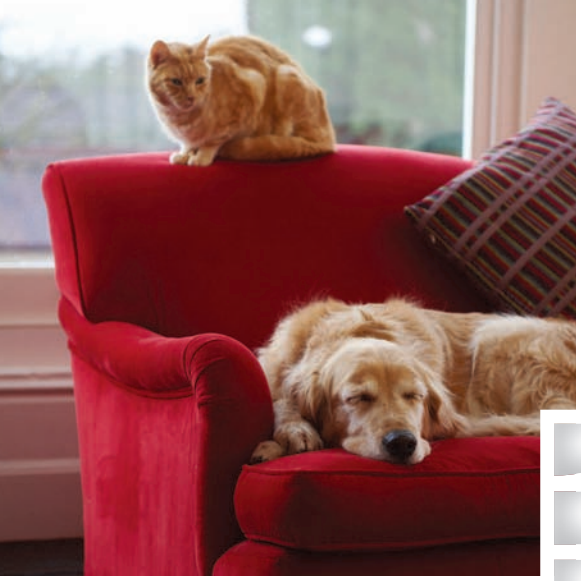
Environmentally Friendly

Greener is always better. PVC vinyl is a better option for the environment than many competing products. It emits less CO_2 and requires 20 percent less energy to produce than other plastics.

Fully Customizable

Choose from a wide range of enhancements and customizable options to make your windows fit any cosmetic, functional, style or budget requirement. With vinyl windows from Thermal, you can add custom color-matched exterior frames, custom shapes, internal grids, thermal upgrades and much more.

VINYL ADVANTAGES



The Features that Matter Most

Choose from industry-leading features that offer the benefits you care about: energy savings, appealing design and quality construction, all backed by a lifetime warranty.

Energy Savings

- **Peak Performance™ Glass** contains dual panes with Low-E, enhanced with Argon gas and a warm-edge spacer system for exceptional thermal performance
- **Dual compression seals** reduce air infiltration
- **Weather-Stripping** virtually eliminates air and water infiltration
- **Fully interlocking sashes** reduce air infiltration at meeting rail
- **Foam Inserts** combined with dead air space chambers boost thermal properties

Built to Last

- **Solid Vinyl Construction** will not chip, peel or rot and never requires scraping or painting
- **Compression Fit Fusion-Welded Mainframe and Sashes** for maximum strength and reduced air infiltration
- **Parallel I-Beam Construction** provides increased strength, durability and structural integrity
- **Multi-Chambered Construction** provides enhanced structural integrity
- **Integral Pocket Header** provides clean interior appearance and prevents air infiltration
- **Sloped sill and dual drainage** with weep system that significantly improves water drainage

Life Made Easier

- **Lifetime Warranty, Lifetime Insulating Glass Warranty, Lifetime Glass Breakage Warranty and Lifetime Screen Warranty** for your peace of mind
- **Balance covers** provide a clean, aesthetically pleasing appearance
- **Extruded vinyl lift rails** for easy sash operation
- **Beveled screen track** stiffens frame and enables easy screen removal
- **Dual night latches** for ventilation
- **Dual Tech Locks** offer the dual functionality of security as well as allowing the window to tilt in for easy cleaning by engaging the lock lever
- **Locking Fiberglass Half Screen** is standard*
- **Locking Zinc Pivot Pins** prevent accidental sash removal while cleaning your windows

9000 FEATURES

Manufacturer reserves the right to substitute components as necessary.
* Screens are not meant to restrain a child from falling through an open window.

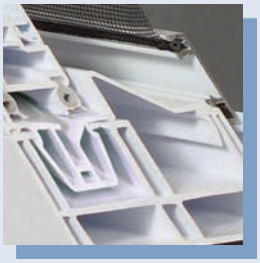
Foam Inserts

Dual Tech Lock

Night Latch

Locking Half Screen

Optional Features

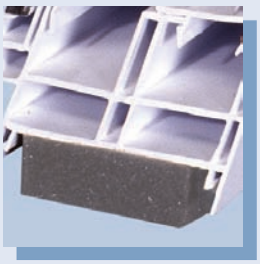


Vortex™ Sill

Quickly removes water from frame system and your home.

Magnetic Seal

Creates air and water tight seal between sash and mainframe.



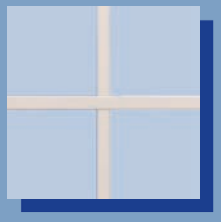
Foam Frame Wrap

Provides an energy efficient weather seal around the entire window frame, outperforming traditional insulation.

Grid Options

Choose from a variety of decorative grid patterns, styles and colors. All grids come between the glass for easy maintenance and a clean, modern look. Grid options include:

- 3/8" square
- 5/8" flat
- 5/8" or 1" contoured



3/8" Square Grid

5/8" Flat Grid

1" Contoured Grid

Vinyl Color Options**

White
Interior/Exterior

Earthtone
Interior/Exterior

Brown Laminate***
Exterior/White Interior

Painted Exterior Finish Options**

Custom color match is available

American Clay

Terratone

Safari Brown

Gray

Green

Brick Red

WoodGrain Interior Options**

Natural Oak****
Paintable/Stainable

Golden Oak*****

Dark Oak*****

Hardware Finishes**

Brushed Nickel

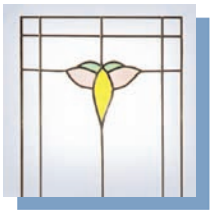
Brass

Mocha******

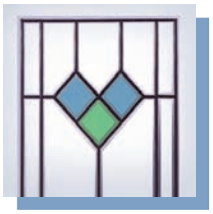
DreamGlas® Options

Dress up your windows with our gorgeous jewel cut, colored and camed decorative glass patterns.

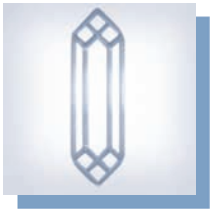
Crystal Border



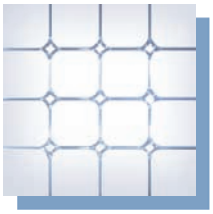
Gentle Blossom



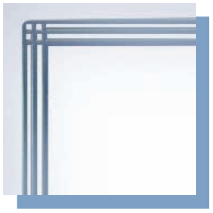
Crystal Facets



Prism



Galaxy



Lancelot

Screen Options*

Locking fiberglass half screens come standard with double hung windows, or choose from:

- Half screen: in charcoal aluminum or Invisi-Screen®
- Locking half screen: in charcoal aluminum or Invisi-Screen®
- Full screen: in fiberglass, charcoal aluminum or Invisi-Screen®

Optional Full Invisi-Screen®

Full-frame screen for sharp, bright visibility with increased insect protection.

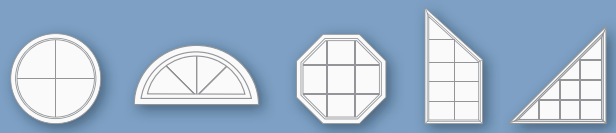
Compare Invisi-Screen® visibility (left) with Conventional Screen (right)

Manufacturer reserves the right to substitute components as necessary. *Screens are not meant to restrain a child from falling through an open window. **Printing process may affect color shown. Please refer to actual window sample when selecting colors. The availability of dark color options can vary by region. Ask your sales representative for details. ***Brown Laminate Exterior is not available with Foam Inserts or Woodgrain Interior Finishes. Exterior may be painted if Brown color is desired. Additional charges apply.****Earthtone lock comes standard. *****Mocha lock comes standard. ******Standard on Golden and Dark Oak. Not available on White and Earthtone.

9000 SHAPES & STYLES

Custom Shapes

Make your home your own with custom window shapes and bold architectural statements. From octagons to trapezoids, full circles to half rounds, we can build a window to fit your needs and specifications.



Full Round | Half Round | Octagon | Trapezoid | Triangle

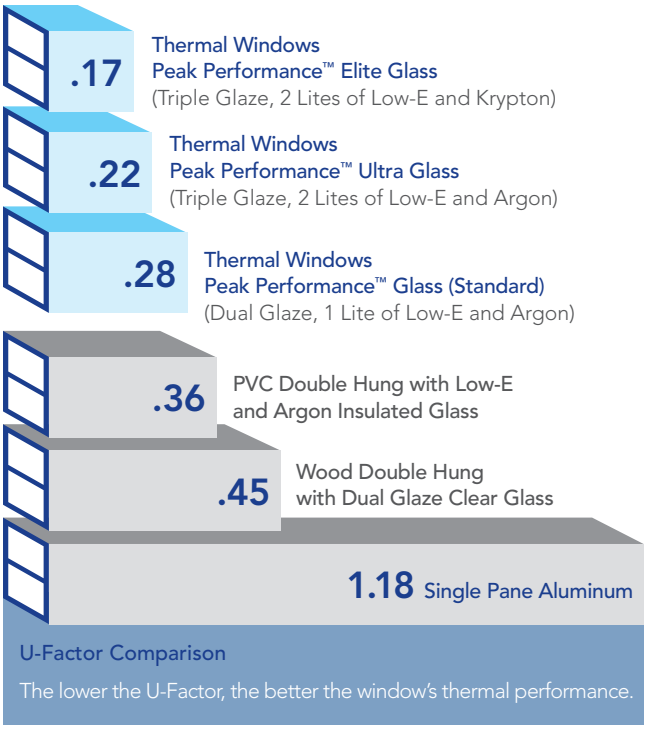
Complementary Styles

The many complementary styles available allow you to add distinction and design to your home. The possibilities are boundless — and the results are stunning.

- Awning Windows
- Casement Windows
- Bay & Bow Windows
- Garden Windows
- Sliders
- Patio Doors

Performance You Can Count On

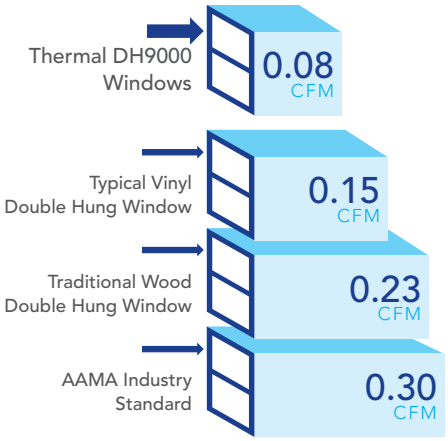
The Series 9000 Window System protects your home and your wallet from rising heating and cooling bills with the Peak Performance™ Insulating Glass System. This advanced glass system features one lite of high performance Low-E Glass and one lite of clear glass combined with insulating Argon gas and warm-edge technology, making your home a haven of optimum energy efficiency and comfort.



NOTE: Values are for single strength glass units.

Air Infiltration

When it comes to air infiltration, less is more. The lower the CFM (cubic feet per minute), the less air the window lets pass through. This example shows how our windows compare to other windows and industry standards.



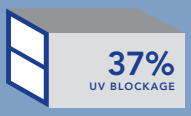
NOTE: Values denote rounding to the next whole number.

9000 ENERGY EFFICIENCY

Fade Protection

Ultraviolet light inhibitors help prevent harmful UV rays from damaging and fading your furniture, drapes, carpets and hardwood floors.

Thermal Windows
Peak Performance™ Glass (Standard)
(Dual Glaze, Low-E and Argon)



Clear Glass

Note: Values are for single strength glass units only, not for the entire window.

Energy Efficient Glass Options

Thermal Windows & Doors is proud to manufacture vinyl replacement windows and doors with the ENERGY STAR® label. Every ENERGY STAR qualified window is independently certified by the National Fenestration Ratings Council, or NFRC, to perform at or above strict levels set by the U.S. Department of Energy. The rating gives you the tools needed to compare window performance.

Peak Performance™ Glass

Our Peak Performance Glass system is a dual-pane insulating glass system that combines one lite of high performance Low-E Glass and one lite of clear glass. The air space between the two is enhanced with Argon, an insulating gas. Consider the Peak Performance Eco Glass system, which combines one lite of high-performance triple coat Low-E Glass and one lite of clear glass, for climates where solar control is important.

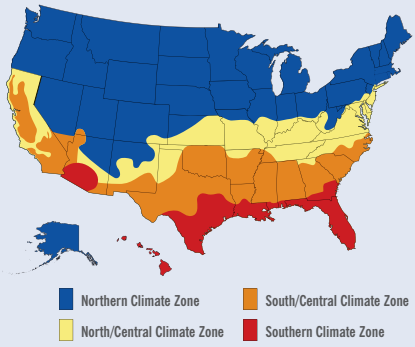
Peak Performance™ Ultra Glass

Peak Performance Ultra Glass combines triple glazing, Low-E Glass and Argon gas to offer a U-factor of 0.22, an insulating value that exceeds ENERGY STAR and Department of Energy R-5 criteria.

Peak Performance™ Elite Glass

The addition of Krypton gas for optimal insulation gives our Peak Performance Elite Glass system an exceptional U-factor of 0.17, which far exceeds ENERGY STAR criteria and Department of Energy R-5 criteria (the lower the U-factor, the better a window insulates).

ENERGY STAR Climate Zone Map



Criteria for Windows

Climate Zone	U-Factor	SHGC
Northern:	≤ 0.30 = 0.31 = 0.32	Any ≥ 0.35 ≥ 0.40
North/Central:	≤ 0.32	≤ 0.40
South/Central:	≤ 0.35	≤ 0.30
Southern:	≤ 0.60	≤ 0.27

ENERGY STAR

Ask about our ENERGY STAR qualified windows and doors. We offer a variety of high-performance, insulating glass systems that qualify our products for the ENERGY STAR label.

GreenSpec® LISTED
www.GreenSpec.com

THERMAL
Windows & Doors

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