

ATRUM[®]
WINDOWS AND DOORS

Improving Your View of the World



Series 8500 Vinyl Replacement Windows



Double-Hung Vinyl Replacement

Series 8500 Window

*A Commitment
to Excellence
Since 1948*

Welcome the beauty of nature into your home with precision-crafted windows and doors from Atrium. One of America's best selling brands, Atrium understands your desire for easy care, energy efficient windows and doors. That's why we control every facet of the manufacturing process. From extrusion to fabrication, we set a higher standard from start to finish. It's the only way to assure you of outstanding craftsmanship that is worry-free and a true value in superior products for your home.

The Vinyl Advantage

Vinyl is the ideal material for engineering high-performance, energy-efficient windows that are both beautiful and practical. Vinyl is virtually maintenance free. It never needs painting or refinishing. No scraping peeling paint or replacing rotting wood. Vinyl is perfect for constructing tight seals that seal out leaky drafts. So you save on heating and cooling costs all year long.



Easy Care Beauty

Both sashes on our Series 8500 windows tilt-in for easy cleaning and maintenance. The high-performance vinyl frames wipe clean in no time and optional grids (shown here) come fixed between the glass panes so they never need cleaning.

Energy Efficient Beauty

Our thermally fused, welded vinyl frames are engineered to prevent air, water and noise infiltration. Combined with your choice of Low-E Glass systems (see pages 6-7), Series 8500 windows will help pay for themselves in lower heating and cooling costs.

Quality Crafted Durability

Performance tested Series 8500 windows feature a rigid-vinyl construction with fusion-welded sashes and frame that deliver exceptional strength for lasting durability.

Atrium Assurance

Series 8500 windows are backed by a transferable, Limited Lifetime Warranty. The glass components feature an optional Lifetime Glass Breakage Warranty. Each Series 8500 window is individually registered to expedite parts identification and replacement. See warranty for complete details.



Precision Crafted for Superior Performance

Meticulous craftsmanship sets Atrium Series 8500 Windows apart. Take a closer look at these engineering features that make this one of our finest windows.

Jamb depth 3.250"



Fusion-welded sashes and frame add strength, boost thermal performance

Constant force coil balance permits easy sash movement

Spring-loaded night latches allow sash to be positioned for comforting ventilation

Interlocking sashes keeps out drafts

Dual-fin weather-stripping helps reduce air infiltration

Rubber bulb seal helps block air infiltration

Aluminum reinforced, multi-cavity construction provides additional thermal performance and structural integrity

Positive-action deluxe cam lock for additional security

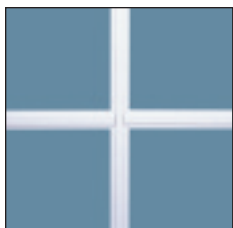
7/8" insulated glass provides exceptional thermal performance in any climate

***Half screen** is standard, removable from inside

Low-E Glass and insulating Argon Gas provide superior thermal performance that is Energy Star rated

Integrated, slim line lift rail allows you to easily operate sash

Sloped sill reduces air infiltration, allows for easy water run-off



1" Contoured Grid

Decorative Grid Systems

Optional 1" Contoured Grid shown here. Colonial and Diamond patterns, as well as Brass Grid, are also available.



Beveled exterior frame makes a stylish design statement

Available colors: White and Almond.

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



A Host of Beautiful



Casement Windows

- Just crank open for comforting ventilation and easy cleaning
- Range of styles from single-vent to 5-lite combinations of fixed and operating units
- Concealed hinges and operating hardware
- Beveled frame encloses 3/4" insulated glass
- Standard full screens mounted on inside
- Sealed corners keep air and water out
- Standard tandem locks on all casements more than 34" in height
- Choice of White or Almond vinyl
- Optional decorative Colonial or Diamond Grids
- Optional light or dark oak interior wood finish



Bow Windows

- Choose from a variety of styles in 3, 4, or 5-lite assembly
- All lites equal in size, as shown
- Creates an elegant window seat, breakfast nook or plant ledge
- Choice of White or Almond color vinyl
- Optional oak interior wood finish

Complementary Styles



Bay Windows

- Beautiful 3-lite assembly with large picture window flanked by two smaller windows
- Open the flankers to provide refreshing ventilation
- Choice of double-hung or casement windows to flank picture window
- Perfect for creating a window seat, breakfast nook or plant ledge
- Choice of White or Almond color vinyl
- Optional oak interior wood finish



Slider Windows

- Available in 2- and 3-lite styles
- Solid vinyl frames glide effortlessly, never needs painting
- Brass rollers for operating vents
- Removable sashes for easy cleaning
- Interlocking meeting rails for extra snugness
- Choice of White or Almond frame colors



Garden Windows

- Accents your home with practical beauty
- 15 1/2" depth provides ample space for plants or decorations
- Crank open side casement windows for comforting ventilation
- Roof panel features safety-laminated glass for durability and protection
- All welded construction
- Multi-point locking system and corrosion-resistant hardware
- Choice of White or Almond colors



Awning Windows

- Crank open for continuous, controlled ventilation
- Concealed hinges and operating hardware
- Beveled frame encloses 3/4" insulated glass
- Screen standard on all vented units
- Choice of White or Almond vinyl
- Optional decorative Colonial or Diamond Grid

High Performance, Energy

Atrium Series 8500 windows are engineered with state-of-the-art glass technology to give you outstanding thermal efficiency. It all starts with premium insulated glass...two sturdy panes separated by an optimal air space to create a 7/8" wide thermal barrier.

Between the glass panes are special insulated spacers designed to flex with the glass in hot or cold temperatures to resist sealant failure. The insulated spacers also help keep the edges of the glass warmer, dramatically reducing condensation while keeping cold air out and warm air in.

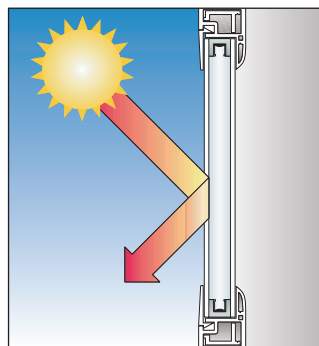
Additional Energy Saving Extras

To ensure our Series 8500 windows provide you exceptional energy savings, Low-E Glass with Insulating Argon Gas is a standard feature on all Atrium Series 8500 windows.

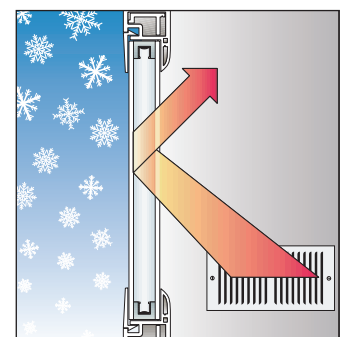
Low-E Glass Technology

Low-E Glass is coated with a thin, microscopically invisible layer of silver that reflects radiant solar energy while permitting visible light to pass through the glass. In cold, winter climates, the Low-E Glass helps keep rooms warmer by reflecting heat back into the home while letting warm, solar rays in. In hot, summer temperatures, the Low-E Glass lets visible light pass while blocking infrared and ultraviolet radiant solar energy. So your rooms stay cooler and you save on precious energy costs.

An added bonus of Low-E Glass, blocking radiant solar energy also helps protect room furnishings from fading.



In the Summer, Low-E Glass reduces heat gain from the sun to help keep your home cooler.



In the Winter, Low-E Glass lets warm solar rays in while blocking heat in your home from getting out.

Efficient Glass Systems

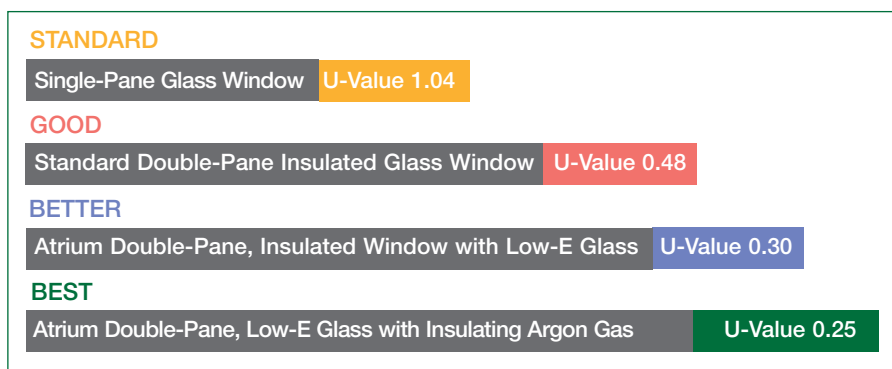
Low-E Glass with Insulating Argon Gas

Argon gas works like an insulating blanket between two panes of glass to further improve the thermal efficiency of Atrium windows and doors. In addition to saving valuable energy dollars, Argon gas helps decrease outside sound levels from entering your home. Only available with Low-E Glass.

Performance-Tested Energy Efficiency

The energy efficiency of a window is measured in the amount of heat loss that occurs through the entire window. This heat loss is measured/reported as a U-Value. The lower the U-Value, the less heat loss – which translates to superior thermal performance and energy savings.

In the chart below, you can compare the U-Value/efficiency of our Energy Star Rated, Series 8500 glass system with other glass constructions. As you can clearly see, the Low-E with Insulating Argon Gas windows deliver true, top-of-the-line performance. These windows can deliver substantial energy savings and more than pay for themselves in the long run.



Independent testing data from PPG Industries, "Center of Glass Comparison."

Ask about our other glass options:

- Obscure
- Double-strength Glass

Atrium vinyl windows with Low-E Glass and insulating Argon Gas have earned the Energy Star rating.



Step Out in Style with Atrium Sliding Vinyl Patio Doors



#311 Sliding Patio Door with painted handle

Perfect for any style home, we've engineered our sliding patio doors to fit your specifications and your strict standards. This distinctive sliding door will accommodate your budget requirements and we've built-in all the features you're looking for. And just like our premium windows, they'll never chip, peel, crack, rot, fade or corrode.

#311 Atrium Sliding Patio Door

- Fully welded frame and panel come pre-assembled for easy installation
- Reversible design lets you locate moving panel either left or right
- 7/8" tempered, insulated glass panels provide safety and energy saving thermal performance
- Insulated glass system resists condensation, boosts efficiency
- Integrated nailing-fin helps you install doors quickly
- Sliding panel and meeting rail are reinforced with roll-formed steel to ensure rigidity and strength
- Aluminum track for movable panel means a smooth, easy glide
- Interlocking panels prevent air infiltration
- White enameled exterior handle and oak interior handle with built-in lock (shown here)
- Optional 5/8" and 3/4" Flat or 5/8" and 1" Contoured Grid
- Optional Low-E Glass
- Optional screen
- 4-9/16" and 6-9/16" wood jamb extender kits available
- Available in White only
- Available in 5', 6', and 6'-4" configurations



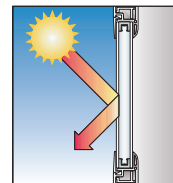
Energy Smart Options from Atrium

Low-E Glass

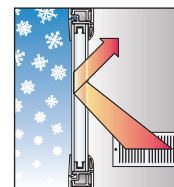
Atrium Series 8500 Windows feature Low-E Glass technology that provides more comfort for less energy cost. Patio door insulating glass options include Low-E Glass and Low-E with Argon Gas. Combined with our energy-efficient vinyl frames, you will enjoy exceptional thermal savings and performance.

Low-E Glass with Argon Gas

Argon Gas works like an insulating blanket between two panes of glass to further improve the thermal efficiency of Atrium windows and doors. In addition to saving valuable energy dollars, Argon Gas helps decrease outside sound levels from entering your home. Only available with Low-E Glass.



Low-E Glass reduces heat gain from the sun in the Summer, keeping your home cooler.



In the Winter, Low-E Glass lets the warm, solar rays in while blocking the heat in your home from getting out.

Atrium vinyl windows with Low-E Glass and insulating Argon Gas have earned the Energy Star rating.



Kids Can't Fly
Screens are not designed to restrain a child from falling through an open window. Please take proper precautions.



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