



SERIES 8300

VINYL REPLACEMENT WINDOWS

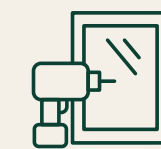




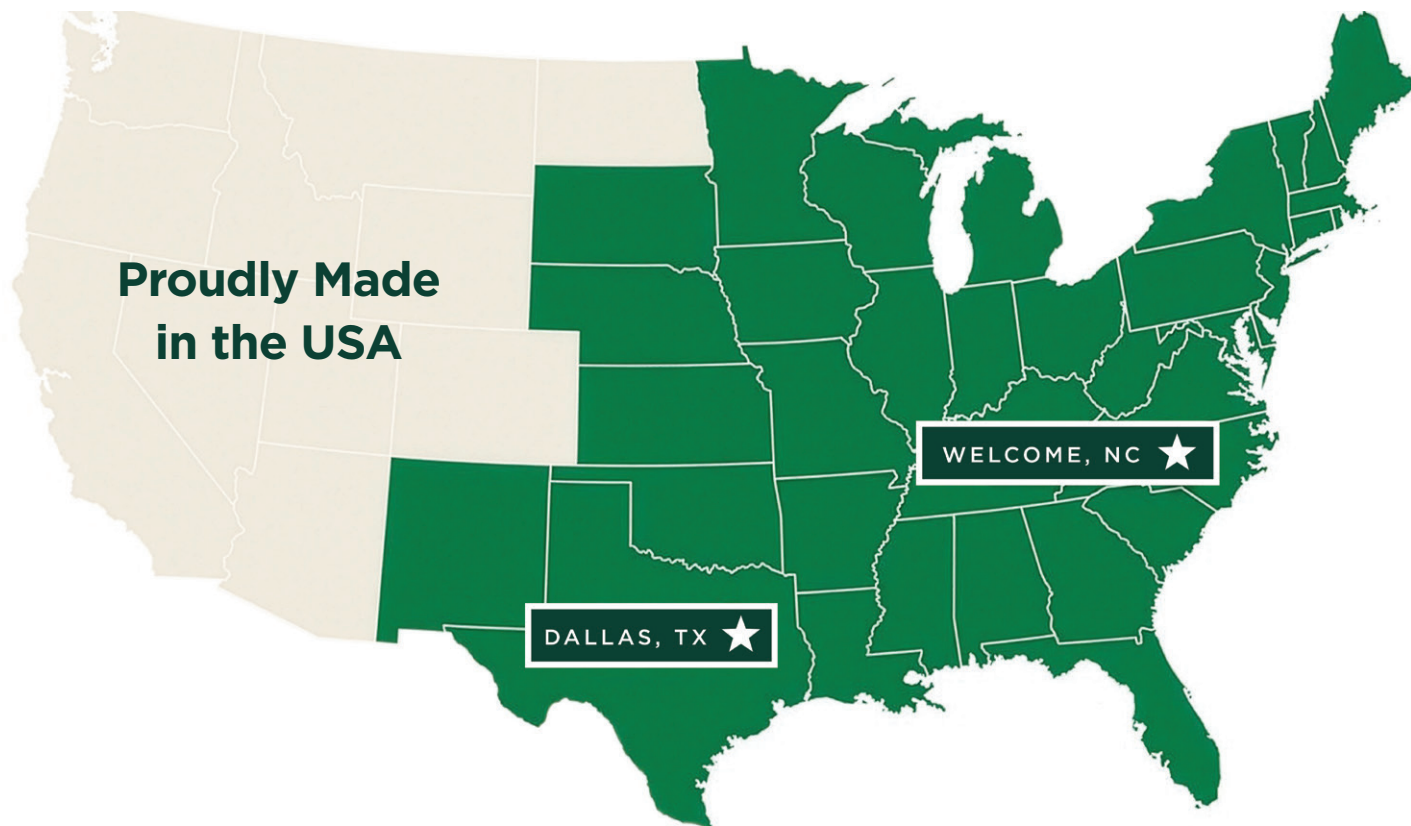
SINCE 1948

A Commitment to Excellence

Enhance the comfort and beauty of your home with quality-crafted Atrium windows and doors. Built for long-lasting durability, energy efficiency, easy operation and weather resistance, each product is meticulously designed to perform on every level. As part of the Cornerstone Building Brands family, Atrium products are manufactured with the expertise of the nation's leading window and door manufacturer. The result is consistent quality, reliable support and a proven legacy of craftsmanship — giving you confidence that Atrium windows and doors are built to stand the test of time.



See Our Quality Practices in Action →



Proudly Made in the USA

DALLAS, TX ★

WELCOME, NC ★



SERIES 8300

VINYL REPLACEMENT WINDOWS

The Vinyl Advantage

If you're looking for high-performance, energy efficient-windows that are virtually maintenance-free, vinyl is the answer. It never needs painting or refinishing, and it creates tight seals that eliminate leaky drafts, reducing your energy costs all year long.



EASY CARE

Series 8300 double hung windows feature tilt-in sashes for easy cleaning and maintenance, and optional grids come between the panes so they never need cleaning.



ENERGY EFFICIENCY

Our thermally fused frames and Low-E glass options offer optimal insulation against air, water and outside noise. Series 8300 will help reduce heating and cooling demand and improve indoor comfort.



EXCEPTIONAL CRAFTSMANSHIP

Performance-tested Series 8300 windows feature a rigid vinyl construction with fusion-welded sashes and frames for strength and lasting durability.



QUALITY GUARANTEED

Series 8300 windows are backed by a transferable limited lifetime warranty. Glass components feature an optional lifetime glass breakage warranty. Each Series 8300 window is individually registered to expedite parts identification and replacement. See warranty for complete details.



Engineered for Enduring Performance

It's not hard to see why Atrium Series 8300 double hung windows are one of our most popular options. With meticulous craftsmanship and advanced features, Series 8300 windows promise to enhance your home's beauty for years to come.

- **Sashes tilt** in for easy cleaning
- **Reinforced multi-cavity construction** offers additional thermal protection and structural integrity
- **Positive-action cam lock** enhances safety (2 locks standard at 27-1/4" or wider)
- **Insulated glass panels** with optimum thermal air space feature a warm-edge spacer system
- **Extruded half screen comes standard***
- **Integrated slim-line lift rail** allows you to easily operate sash
- **Sloped sill reduces air infiltration** and accommodates easy water run-off
- **External accessory groove** accommodates nail fin option
- **Fusion-welded sashes and frame** add strength and additional insulation
- **Constant-force coil balance** permits easy sash movement
- **Dual push-button night latches** provide easy, secure ventilation
- **Interlocking sashes** help block out drafts
- **Dual-fin weather stripping** helps reduce air infiltration
- **Rubber bulb seal** helps block air infiltration
- **Jamb depth: 3.25"**
- **Transferable limited lifetime warranty**



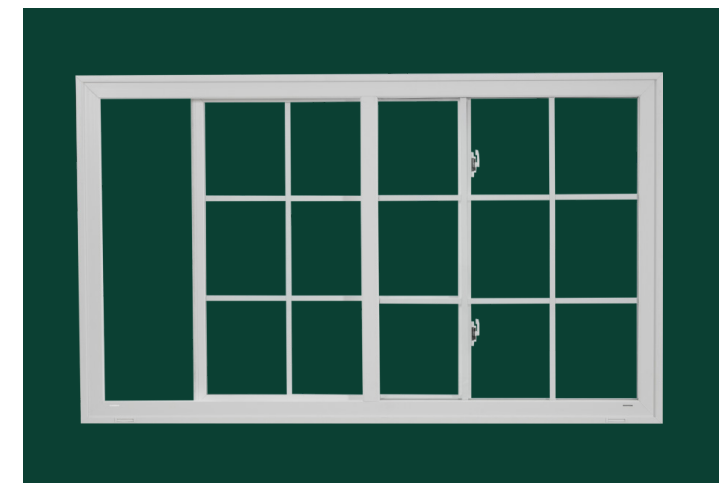
Custom Options

- Low-E glass
- Low-E glass + argon gas
- Ultra Low-E glass + argon gas
- InsulKor™ multi-cavity foam-filled frame available on double hung, picture windows and special shapes
- Nail fin accessory available
- Obscured glass
- Double-strength glass
- 5/8" or 3/4" flat, 5/8" or 1" contoured grids, 5/8" contoured valance as well as colonial and diamond patterns
- Integrated nail fin
- Screens:* Aluminum Charcoal, clear-view and heavy-duty screens
- Window Opening Control Device (WOCD) for fall prevention
- Lifetime glass breakage warranty

Series 8300 Sliding Windows

Series 8300 sliding windows offer the same stability, efficiency and design features of our Series 8300 double hung windows, plus:

- Tandem rollers that ride easily along friction-free slide channel
- Integrated glide rail for easy sash opening and closing
- Available in 1/4 - 1/2 - 1/4 or 1/3 - 1/3 - 1/3 configurations
- XO or OX 2-lite styles available
- Half screen comes standard*





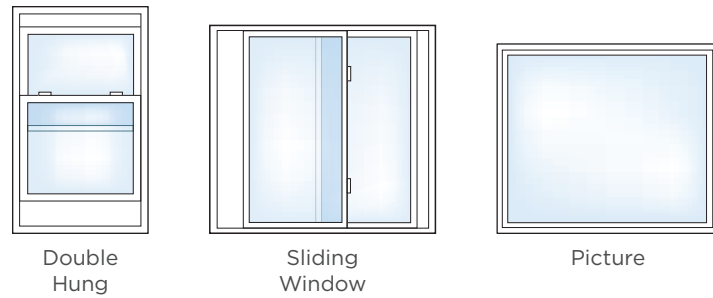
Window Styles & Options

A Wide Range of Grid Styles

Our grid options enhance the cosmetic appeal of any home and make cleaning simple.



STANDARD STYLES



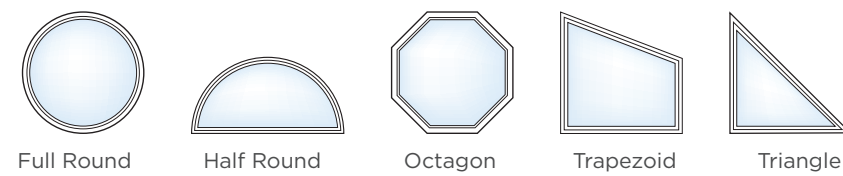
Double Hung

Sliding Window

Picture

SPECIALTY SHAPES & COMPLEMENTARY STYLES

Choose from our wide selection of specialty shapes and complementary styles to enhance your home with truly distinctive window designs.



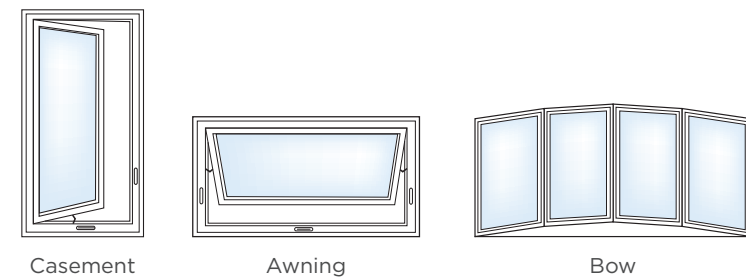
Full Round

Half Round

Octagon

Trapezoid

Triangle

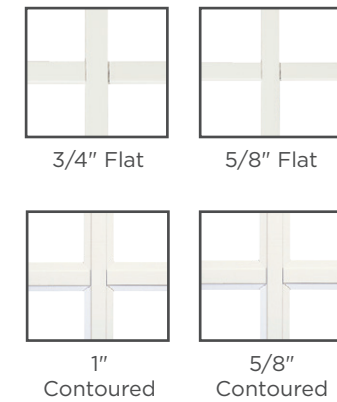


Casement

Awning

Bow

GRID STYLES



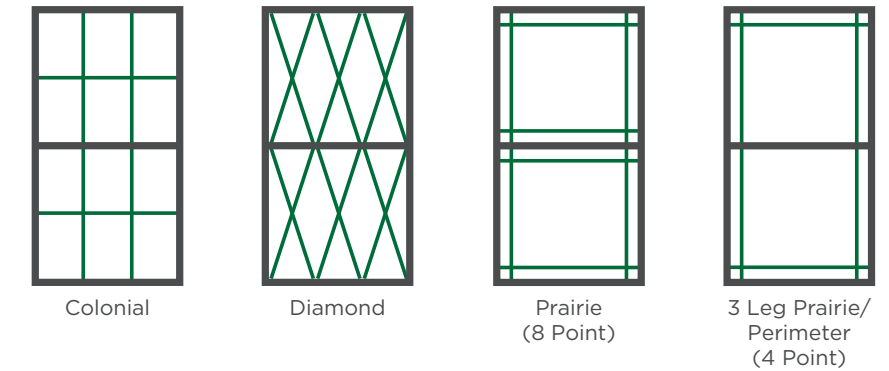
3/4" Flat

5/8" Flat

1" Contoured

5/8" Contoured

GRID PATTERNS



Colonial

Diamond

Prairie (8 Point)

3 Leg Prairie/Perimeter (4 Point)

Select samples

COLOR OPTIONS*

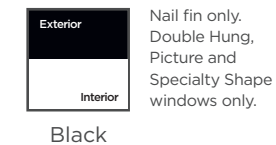
VINYL COLORS



White

Almond

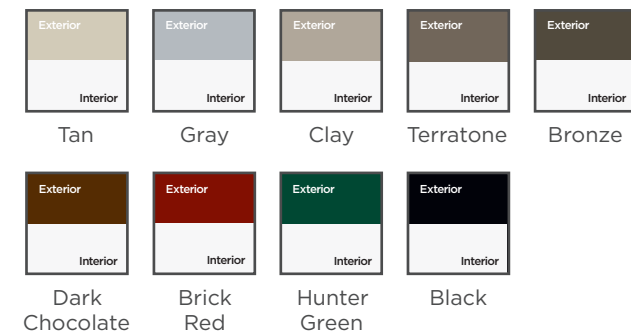
LAMINATE EXTERIOR COLOR



Black

Nail fin only. Double Hung, Picture and Specialty Shape windows only.

PAINT EXTERIOR COLORS



Tan

Gray

Clay

Terratone

Bronze

Dark Chocolate

Brick Red

Hunter Green

Black

LOCK COLORS



White
Color matched

Almond
Color matched

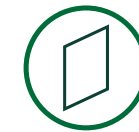
Manufacturer reserves the right to substitute components as necessary.

*Printing process may affect color shown. Please refer to actual window sample when selecting colors.



High-Performance, Energy-Efficient Glass Systems

Atrium Series 8300 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 wide thermal barrier. Between the glass panes is a special insulated spacer designed to flex with the glass in hot or cold temperatures to resist sealant failure. The insulated spacer also helps keep the edges of the glass warmer, dramatically reducing condensation while keeping cold air out and warm air in.



LOW-E GLASS

Low-E glass is coated with a microscopic layer of silver that reflects radiant solar energy while permitting visible light to pass through the glass, providing more comfort and lower energy costs.



LOW-E GLASS + ARGON GAS

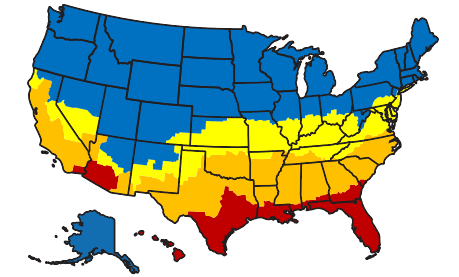
Argon gas works like an insulating blanket between two panes of glass to further improve thermal efficiency and decrease outside sound levels.



ULTRA LOW-E GLASS + ARGON GAS

Choose our ultimate glass package for optimal energy efficiency and maximum cost savings. Ultra Low-E glass offers three invisible layers of silver coating in addition to the superior thermal performance of argon gas.

ENERGY STAR CLIMATE ZONE MAP



■ North Climate Zone ■ South-Central Climate Zone
 ■ North-Central Climate Zone ■ Southern Climate Zone

CRITERIA FOR WINDOWS

Climate Zone	U-Factor ¹	SHGC ²	
Northern	≤ 0.22	≥ 0.17	Prescriptive
	= 0.23	≥ 0.35	Equivalent Energy Performance
	= 0.24		
	= 0.25	≥ 0.40	
	= 0.26		
North-Central	≤ 0.25	≤ 0.40	
South-Central	≤ 0.28	≤ 0.23	
Southern	≤ 0.32	≤ 0.23	

Air Leakage ≤ 0.3 cfm/ft²
¹ Btu/h-ft²-°F
² Solar Heat Gain Coefficient

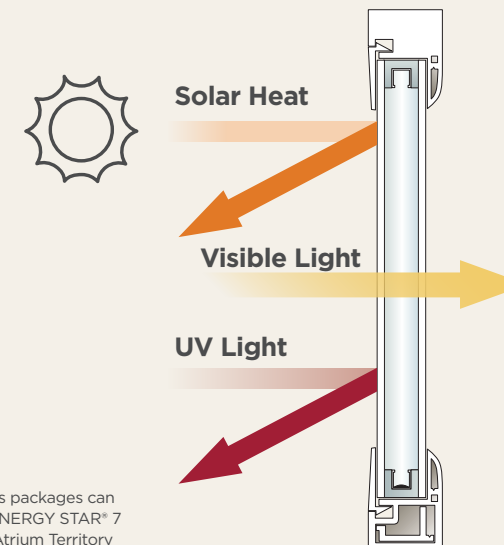


Available with InsulKor™ Multi-Cavity Foam-Filled Frame

- Boosts Thermal Performance
- Available on Double Hung, Slider, Picture and Special Shape Windows

SUMMER

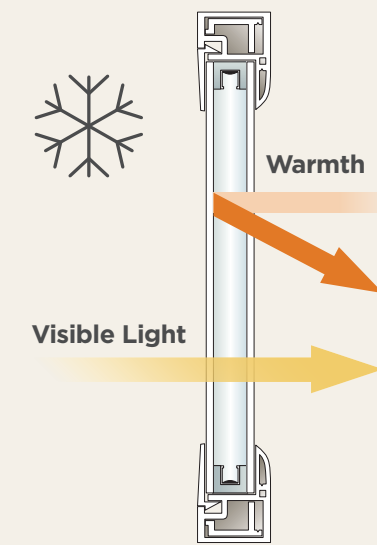
Low-E glass reduces heat gain from the sun, keeping your home cooler.



Select styles and glass packages can be ordered to meet ENERGY STAR® 7 guidelines. See your Atrium Territory Sales manager for details.

WINTER

Low-E glass lets the warm solar rays in while blocking the heat in your home from getting out.





Why Vinyl?

- Durable PVC vinyl resists warping and will never need painting or refinishing, and fusion welding creates tight seals that dramatically reduce drafts and energy costs.
- During the past 20 years, PVC products have been found to perform favorably in terms of energy efficiency, thermal-insulating value, low contribution to greenhouse gases and product durability.
- PVC is better for the environment than competing products, reducing CO2 emissions and utilizing up to 20% less energy to produce than other plastics.



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