



# SERIES 8900

VINYL REPLACEMENT WINDOWS

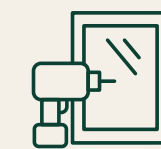




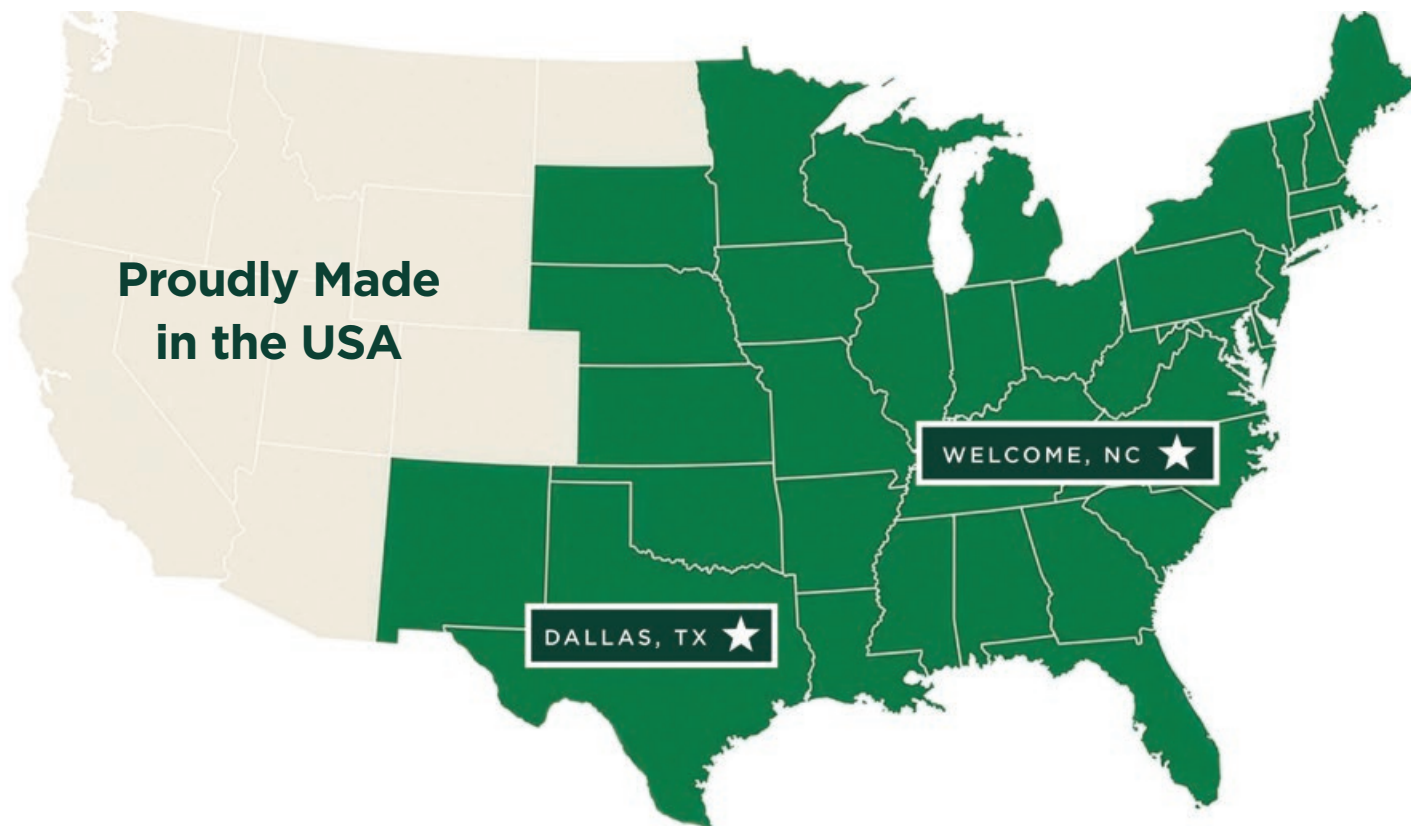
SINCE 1948

## 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 →**





## SERIES 8900 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. Designed to minimize air leakage and drafts while improving thermal performance, vinyl windows also help to reduce heating and cooling demand throughout the year.



#### EASY CARE

Both sash on our Series 8900 Double Hung windows tilt in 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 8900 windows offer top-level energy efficiency, help reduce heating and cooling demand and improve indoor comfort.



#### EXCEPTIONAL CRAFTSMANSHIP

Performance-tested Series 8900 windows feature exclusive InsulKor™ technology including standard fiberglass-enriched polyurethane sash reinforcement for exceptional strength, lasting durability and outstanding thermal performance. Choose the optional multi-cavity foam-filled frame for even greater energy efficiency.



#### QUALITY YOU CAN TRUST

Series 8900 windows are backed by a transferable limited lifetime warranty, and glass components feature a **limited lifetime glass breakage warranty**. Each Series 8900 window is individually registered to expedite parts identification and replacement. See warranty for complete details.



## An Innovative Design for Industry-Leading Performance

Series 8900, Atrium's premium replacement window collection, includes **double hung**, **horizontal sliding** and **picture window** styles. With advanced standard features and a wide range of design, thermal and functional upgrades, you can customize 8900 windows to fully meet your needs.

- **Exclusive InsulKor™** polyurethane fiberglass-enriched sash reinforcement for superior thermal and structural performance
- **¾" constant force coil balance** offers incredibly easy sash mobility
- **Fusion-welded sash and frame** add strength and boost insulation
- **Regional Low-E glass** options with argon gas deliver superior thermal efficiency for any climate
- **DP 60 rating** (window size tested 36" x 74")
- **Beveled mainframe** offers a stylish exterior appearance
- **Dual push-button night latches** limit sash opening for safer ventilation
- **Integrated slim-line lift rail** allows you to easily operate sash
- **4 ¼" frame thickness** enhances appearance as well as structural integrity
- **External accessory groove** accommodates nail fin option
- **Extruded full screen** is standard and removable from the inside\*
- **Dual low-profile, positive-action cam locks** increase security (2 locks standard at 27 ¼" width or wider)
- **Full interlocking meeting rail and lock**
- **Full vinyl sash dam on sill** and high-performance weather stripping protect against air infiltration
- **3 ¼" jamb depth** for ideal window sizing
- **Transferable limited lifetime warranty**
- **Limited lifetime glass breakage warranty**



## For Advanced Performance and Visual Appeal, the 8900 Offers a Wealth of Options:

- Low-E glass + argon gas
- Ultra Low-E glass + argon gas
- Triple-pane, R-5 compliant glass panels with Low-E glass + argon gas or Ultra Low-E glass + argon gas
- InsulKor™ multi-cavity foam-filled frame
- Nail fin accessory for use in remodeling or new construction applications
- Exclusive locking half screen\*
- Nine popular painted exterior colors
- Three interior woodgrain laminate finishes in light oak, dark oak or cherry
- Additional lock colors to coordinate with interior design
- Window Opening Control Device (WOCD) for safety against accidental falls
- Obscure or double-strength glass

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



Scan to Explore the 8900 Series



External Accessory Groove



Nail Fin Accessory



Full Interlocking Meeting Rail & Lock



## Series 8900 Sliding Windows

Series 8900 Sliding windows offer the same deluxe design and efficiency features as 8900 Double Hung windows, plus:

- Integrated glide channel for easy sash opening and closing
- Tandem rollers that ride easily along friction-free glide channel
- Available in ¼ - ½ - ¾ or ⅓ - ⅔ - 1" configurations
- Double slider configuration with two operable sash
- DP 50 (window size tested 72" x 48")

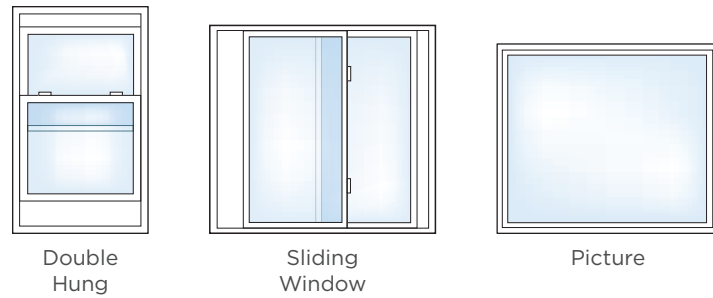
# Window Styles & Options

## A Wide Range of Grid Styles

Our between-the-panes and Simulated Divided Lite (SDL) grid options enhance the architectural appeal of any home and make cleaning simple.

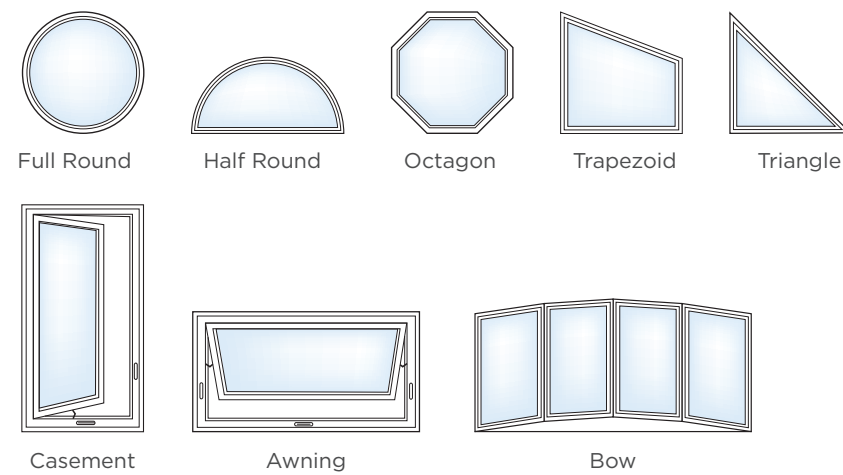


### STANDARD STYLES

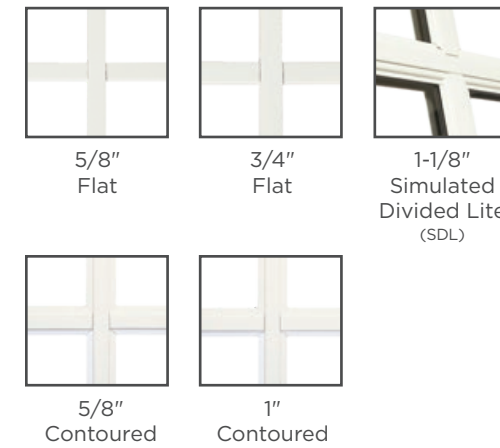


### SPECIALTY SHAPES & COMPLEMENTARY STYLES

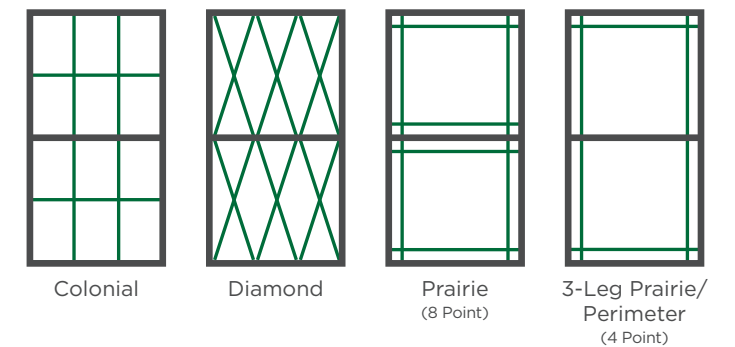
Choose from our wide selection of specialty shapes and complementary styles to enhance your home with truly distinctive window designs.



### GRID STYLES



### GRID PATTERNS



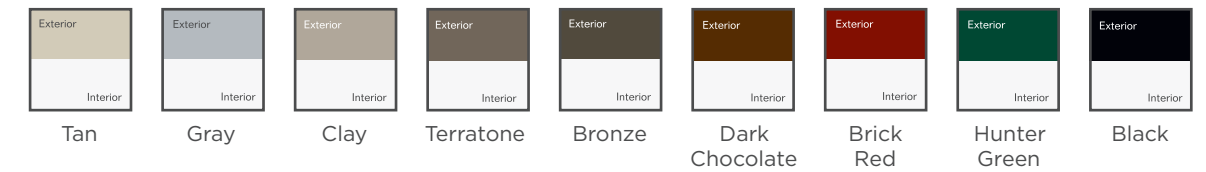
### COLOR OPTIONS\*

- Available on all Series 8900 windows
- Grid offering limited to 5/8" contoured or SDL on exterior painted windows
- Black exterior paint not available with casement and awning windows

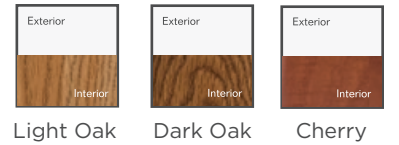
### VINYL COLORS\*



### PAINT EXTERIOR COLORS\*



### LAMINATE INTERIORS\*



### LOCKS

Cam locks available on double hung and sliding windows



\*Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water-based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.

# InsulKor Frame Technology for Outstanding Energy Efficiency

InsulKor™ technology is a system of sash and frame enhancements that dramatically improves the performance of the Series 8900 Double Hung window.

Our exclusive InsulKor fiberglass-enriched polyurethane sash reinforcement replaces aluminum rebar traditionally placed in lock and meeting rails. With structural integrity equal to or better than metal alternatives, the InsulKor insert also reduces thermal conductivity and yields better energy efficiency.

The optional InsulKor multi-cavity foam-filled frame injections add thermal-enhancing insulation in specific hollows to increase the frame's R-values. The combination of foam-filled and dead-air chambers optimizes each window's thermal properties for the most energy-efficient window system available.

When combined with either of our R-5 rated, triple-pane glazing systems, these InsulKor sash and frame enhancements help make the Series 8900 one of the most energy-efficient, strongest window systems available on the market today.

## Energy-Smart Options from Atrium



### 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

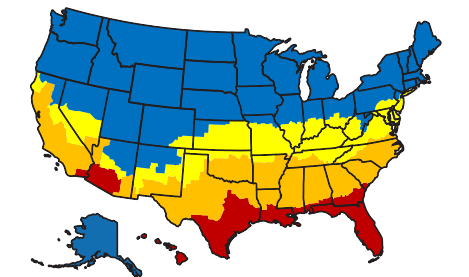
Choose our ultimate glass package for optimal energy efficiency and maximum cost savings. Ultra Low-E glass offers three invisible layers of silver coating in addition to the superior thermal performance of argon gas.



### TRIPLE-PANE, R-5 COMPLIANT GLASS

Triple-pane, R-5 compliant glass provides industry-leading thermal resistance, noise reduction and protection from the sun. The Series 8900 offers this option with both Low-E glass with argon gas or Ultra Low-E glass with argon gas for the ultimate in insulation.

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 <sup>1</sup>	SHGC <sup>2</sup>	
Northern	≤ 0.22	≥ 0.17	Prescriptive
	= 0.23	≥ 0.35	Equivalent Energy Performance
	= 0.24		
	= 0.25		
	= 0.26	≥ 0.40	
North-Central	≤ 0.25	≤ 0.40	
South-Central	≤ 0.28	≤ 0.23	
Southern	≤ 0.32	≤ 0.23	

Air Leakage ≤ 0.3 cfm/ft<sup>2</sup>

<sup>1</sup> Btu/h-ft<sup>2</sup>-°F

<sup>2</sup> Solar Heat Gain Coefficient

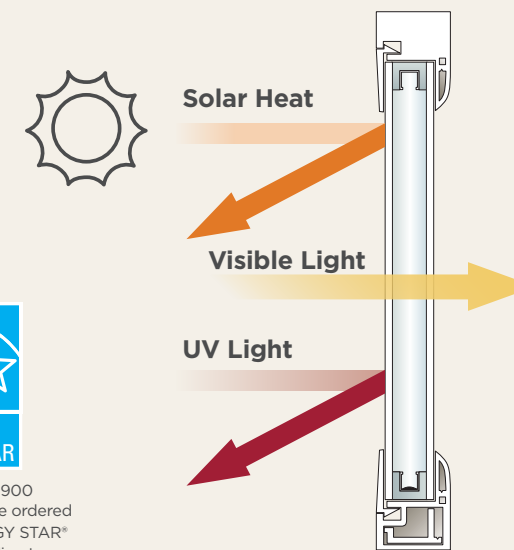


- 1 Exclusive InsulKor fiberglass-enriched polyurethane sash reinforcement
- 2 Triple-pane, R-5 compliant glass
- 3 Super Spacer® sealant system\*
- 4 Optional InsulKor multi-cavity foam-filled frame injections

\*Super Spacer® nXt™ standard with Series 8900 triple-pane glass options.

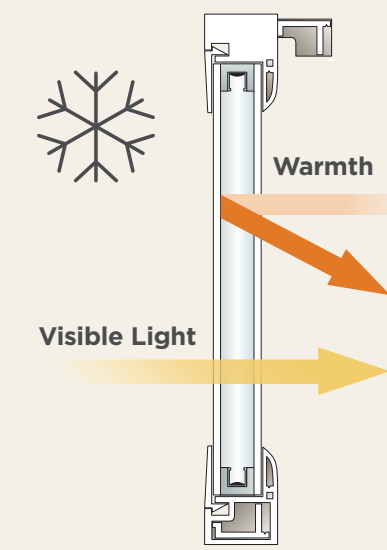
### SUMMER

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



### WINTER

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



Atrium Series 8900 windows can be ordered to meet ENERGY STAR® criteria for all climate zones. Verify product specifics before ordering.



## 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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