



WINDGATE

NEW CONSTRUCTION VINYL WINDOWS

THE WINDGATE SERIES

The Windgate Series from Alliance Window Systems® offers exceptional quality, features, and benefits with many styles and configurations to choose from. The Windgate Series from Alliance Window Systems® includes options to meet Northern Energy Star ratings. All Windgate Series windows feature our InnovativE® insulated glass with double strength glass as a standard.

All Alliance Windows by Midway come with our exclusive Assurance Plus* Limited Lifetime Warranty.



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midwaywindows.com

WINDGATE

HUNG WINDOW FEATURES

- Cam lock draws sashes closer together for a positive lock
- Integral interlock at meeting rail
- Heavy walled PVC framing
- Closed-cell compression seal at sloped sill
- Tri-Fin weather strip: three layers of weather stripping are standard on all sashes
- 3/4" Insulated glass for optimal energy efficiency
- InnovativE® Warm Edge Spacer and High-Performance Low-E glass with argon gas fill
- Double strength glass is standard
- Constant force coil balance
- Full lift rails
- Balance covers

SINGLE-HUNG

One vertically sliding lower sash that tilts in for cleaning and one fixed upper glass.



DOUBLE-HUNG

Two vertically sliding sashes that tilt to the inside for easy cleaning.



CASEMENT

- Sash opens completely, so windows can be cleaned from inside your home
- All components are corrosion resistant, providing years of trouble-free performance
- Multi-Point Locking System locks sash at multiple points – for utmost security
- Three layers of weather stripping assure effective barrier to air and water penetration
- Top rated hardware system allows even the largest casements to be smooth and effortlessly operated
- Narrow frame allows maximum exposed glass area
- 3/4" Insulating glass provides optimum energy efficiency
- InnovativE® Warm Edge Spacer and High-Performance glass utilizes Low-E coating specifically engineered for local requirements



PICTURE WINDOW FEATURES

Let more natural light into your home with a **Windgate Series Picture Window**. *Picture Windows* are non-operable windows that pair beautifully with our standard operable windows. Alone or combined with other windows, a *Picture Window* is an excellent way to showcase your view. A **Windgate Series Picture Window** is a beautiful addition to any home.



SLIDER WINDOW FEATURES

- Cam lock action draws sashes closer together for a positive lock
- Integral interlock at meeting rail
- Heavy walled PVC frame
- 3/4" Insulating glass provides optimum energy efficiency
- InnovativE® Warm Edge Spacer and High-Performance Low-E glass with argon gas fill



SINGLE-VENT

One horizontally sliding sash that lifts out to the inside for cleaning and one fixed glass



TWIN-VENT

Two horizontally sliding sashes that lift up and out to the inside for cleaning.



3-LITE SLIDER

In our *3-Lite Slider*, the center lite is stationary while the ends are operable.

PATIO DOORS

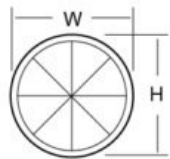
Designed with high-quality materials, **Windgate Patio Doors** have the strength to withstand even the harshest elements. Each patio door is created with protection in mind, especially protection from the elements. **Windgate Patio Doors** come in a variety of exterior color options. There are optional Patio Door features available as well. Uphold the integrity of your project with **Windgate Patio Doors**.

- 3/4-inch Insulating glass with an overall frame depth of 4-3/16" • Single point locking hardware
- Color matched designer handles
- Low-rise sill designed to minimize tripping while keeping water out
- Heavy-duty extruded screen with adjustable rollers for smooth operation
- Four maintenance free heavy-duty rollers



GEOMETRIC SHAPES

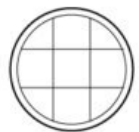
CIRCLE



Starburst

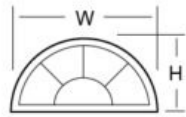


Colonial Four Lite



Colonial Nine Lite

HALF-ROUND



Sunburst



Sunstar

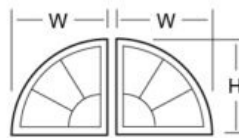


Double Sunburst*

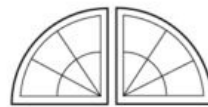


Starburst

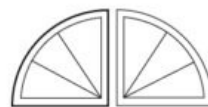
QUARTER-ROUND



Sunburst



Sunstar



Starburst

ELLIPTICAL



Sunburst



Sunstar



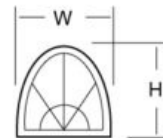
Starburst

OVAL



Colonial Four Lite

HALF-OVAL

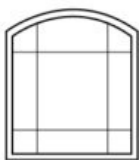


Sunburst

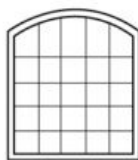


Starburst

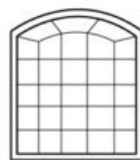
EXTENDED ARCHES



Prairie

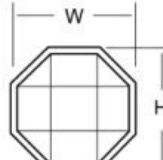


Colonial



Cathedral

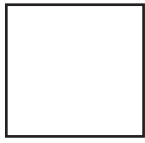
OCTAGON



Colonial Nine Lite

- Full 3-1/4" jamb depth chambered frame for maximum structural integrity comes with a double-wall, integral "J" channel designed into the frame, eliminating the cost of an add-on "J" channel while providing a pleasing "beveled" exterior look
- Optional Jamb Extensions: Optional applied jamb extensions and companion 2-1/4" Colonial casing are available

EXTERIOR COLORS



WHITE



TAN



CLAY



ROYAL BROWN



TERRA BRONZE



DARK BRONZE



BLACK



METALLIC SILVER



GUNMETAL



ARCTIC BLUE



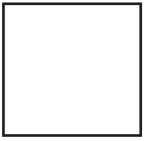
IVORY CREAM



FOREST GREEN

Choose from 12 popular exterior colors. Custom colors are available – We'll match any color
 NOTE: Colors in brochure may differ slightly from actual colors.

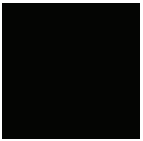
INTERIOR COLORS



WHITE



TAN



BLACK

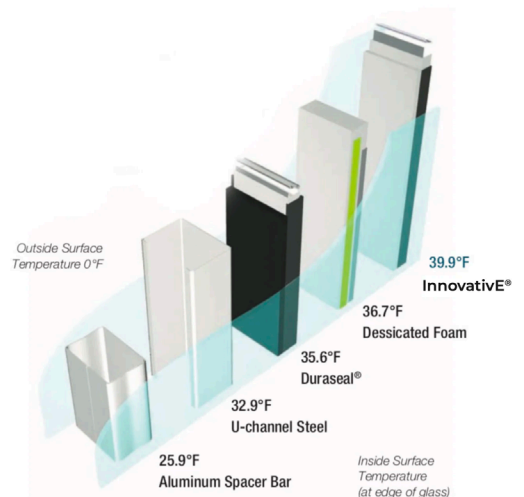
Chose from three beautiful interior colors.

NOTE: Colors in brochure may differ slightly from actual colors.

SPACER PERFORMANCE

Innovative® Warm Edge Spacers are the best spacer in comparison testing with other commonly used insulated glass systems. **Innovative® Warm Edge Spacers** yield a lower window U-value, up to 0.03 over other less efficient systems. **Innovative® Warm Edge Spacers** mean room comfort and energy savings for you.

Condensation Resistance: No spacer system can eliminate condensation, but **Innovative® Warm Edge Spacers** reduces conductivity by 50% over other warm edge spacers. Reducing conductivity also reduces condensation.



GRIDS

We have several grid options to enhance the look of your window.



Between the Glass

5/8" Flat Style Grids are color matched to the interior and exterior colors.

Our 11/16" Contour Grids are available in White or Tan.

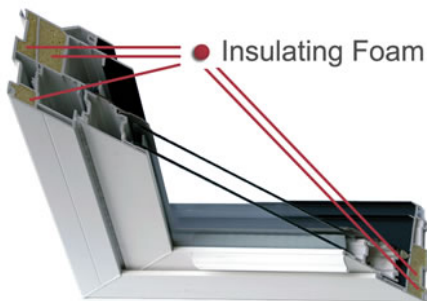
Simulated Divided Lites

Crafted of durable 1-1/4" PVC, Simulated Divided Lites are located on the outside and inside of the glass and provide the appearance of individual panes of glass.



CLEAR-VUE SCREENS

The premium mesh screening increases the transmission of natural light and enhances airflow while maximizing outward visibility. It also provides enhanced insect protection.

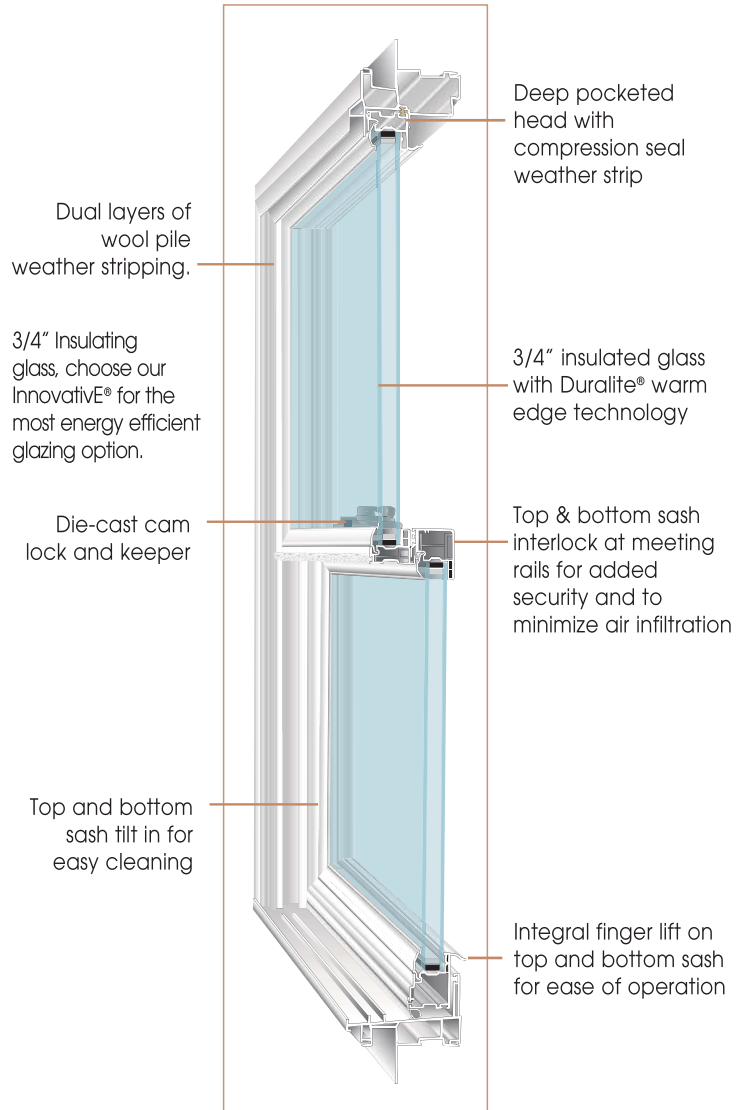
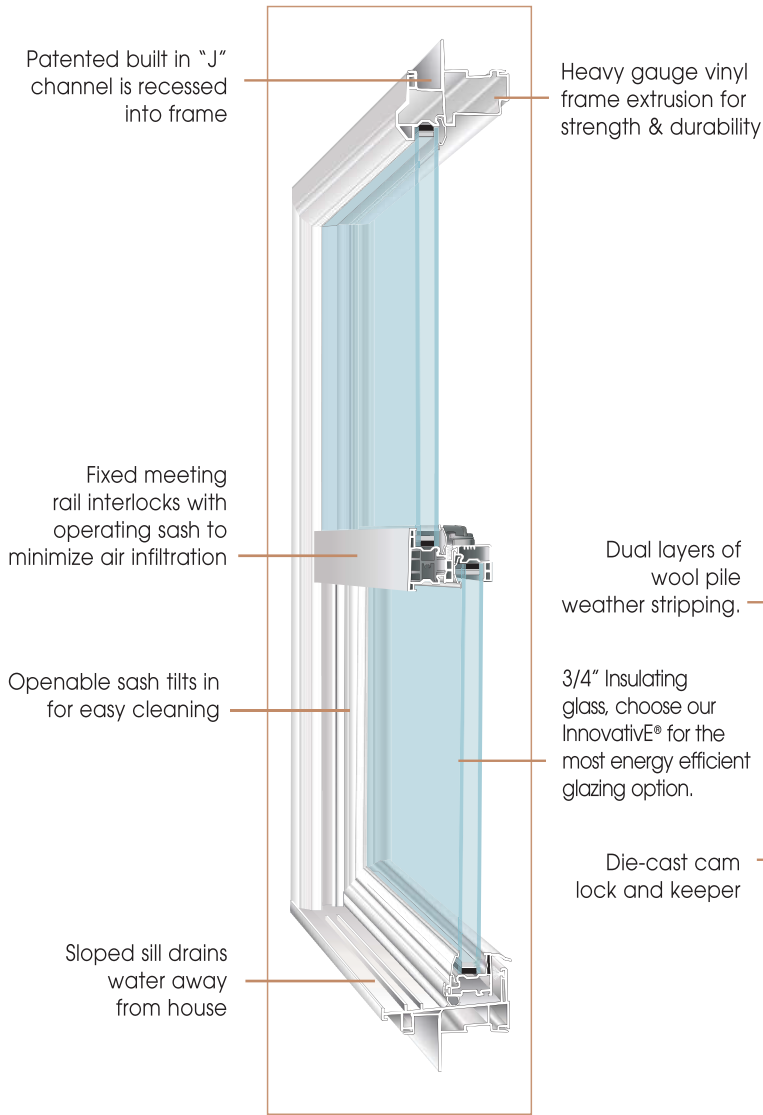


FOAM-IN-FRAME

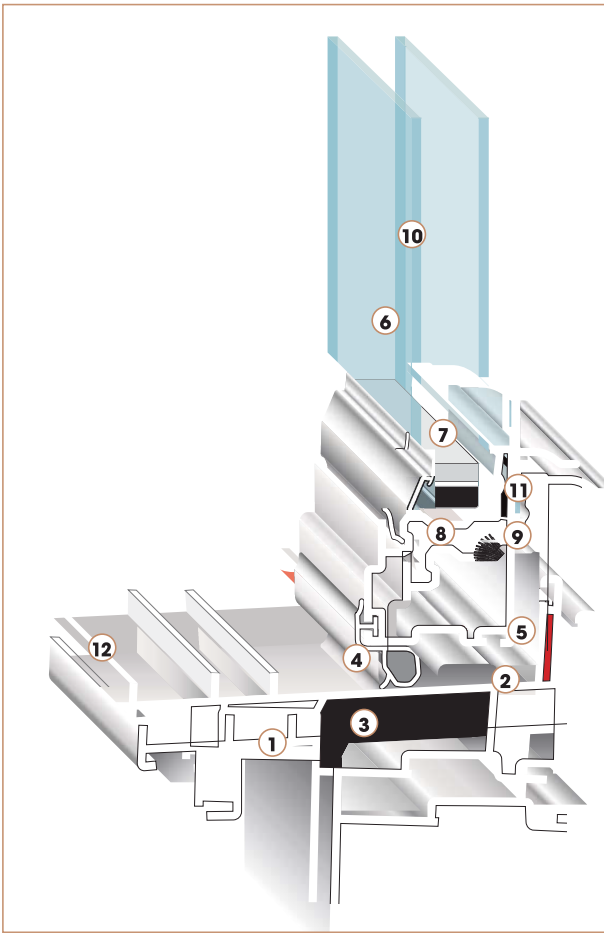
- Adds strength and rigidity to the frame
- Enhances sound deadening qualities of the frame
- Enhances energy efficiency of frame through increased thermal performance
- Foam fills the entire cavity to provide complete coverage without voids

WINDGATE WINDOW FEATURES

WINDOW STYLES



Look for the ENERGY STAR label on qualified products.



- ❶ Double-wall, integral “J” channel: Designed into the frame, eliminating the cost of an add-on “J” channel while providing a pleasing “beveled” exterior look.
- ❷ Heavy walled PVC framing acts as a natural insulator.
- ❸ Dead air spaces within the frame and sash profiles further resist energy flow.
- ❹ Closed cell compression seal at sloped sill resists air and water penetration.
- ❺ Triple-fin seal weather stripping at sill further reduces air infiltration.
- ❻ 3/4” Insulating glass provides optimum energy efficiency.
- ❼ “Warm edge” low conductance spacer resists energy flow through the edge of glass.
- ❽ Water management grooves channel moisture away from insulated glass sealant.
- ❾ Dual hollows at lift rail add strength and insulation.
- ❿ Optional Innovative® High Performance Glass utilizes Low E coating specifically engineered for local requirements.
- ⓫ Direct set back bedding bonds glass to sash, reducing air and water infiltration potential.
- ⓬ Rigid screen pocket on sill reduces “screen rattle,” even on windy days.

Casements/Awnings

- Sash opens completely, so windows can be cleaned easily from inside your home*
- All components are corrosion resistant, providing years of trouble-free performance
- Multi-Point locking system locks sash at multiple points for utmost security
- Three layers of weather stripping assure effective barrier to air and water penetration
- Optional in some regions, multiple units made with single frame construction

Fixed Units

- Mulling system allows fixed units to be mullied to any other window
- Equal sight lines assure uniform exterior appearance of all units

Sliders

- Anti-friction polymer Sweep N Slides glide on integral track system allowing for effortless fingertip operation
- Two sets of Sweep N Slides transfer weight of glass directly to frame, reducing stress on sash members
- Independent weep chambers on frame assure effective water runoff
- Stylish beveled exterior matches look of double-hung and casement, to provide a uniform exterior appearance

Innovative[®]
ENERGY MANAGEMENT SYSTEM

* Does not apply to egress hardware.



OUR HISTORY

Midway Windows and Doors is a family-owned business founded in 1964 as a storm window manufacturing company. In 1983, Midway shifted its focus to produce vinyl windows and sliding patio doors. In 1999, the current owner, who is the son of Midway's founder, created the American Window Alliance. We continue to market under the Alliance brand to this day.

With our 270,000-square-foot factory and advanced manufacturing techniques, Midway Windows and Doors produces high-end vinyl windows and doors for both new construction and replacement markets. Our commitment to quality products and service has moved Midway into the top 100 window manufacturing companies in the U.S.A., as published in Window and Door Magazine.

LIMITED LIFETIME WARRANTY

Alliance is not just our name, it describes our approach to doing business and it is why we provide an exceptional warranty on every window we produce. We are so confident of the quality that is designed and built into our products that we back our entire product line with our Alliance Assurance Plus Limited Lifetime Warranty. Our Alliance Assurance Plus Limited Lifetime Warranty even includes a 5-year field service warranty from the date of purchase on any manufacturing defects.

