Vinyl Windows & Patio Doors
INNOVATION, QUALITY AND SERVICE

Value Windows & Doors

VINYL PRODUCTS CATALOG

GS, Galaxy, and Imperial Series of Windows & Patio Doors

FOR REPLACEMENT AND NEW CONSTRUCTION APPLICATIONS

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A WINDOW FOR EVERY NEED

Note: Manufacturer reserves the right to substitute components as necessary for continued product improvement. Custom options selection may vary.

Value WINDOWS & DOORS

INNOVATIVE DESIGN

Trust Value windows for your next replacement or new construction project. For more than 10 years we have perfected our products in every step of the design and engineer process, and have selected only the best components to ensure high performance and long lasting satisfaction.

We strive to provide remarkable customer service and outstanding products that surpass industry's standards and are beautiful, functional and energy efficient.

With continued innovation and a commitment to excellence, we are at the forefront in product development and design with full lines of windows and patio doors sure to meet your project needs.

GS™ Series Vinyl Windows & Patio Doors

GREEN SOUND SECURITY

Value WINDOWS & DOORS

FOR REPLACEMENT AND
NEW CONSTRUCTION APPLICATIONS

GS PREMIUM VINYL WINDOWS

GS is our most complete, top of the line window family. Created to surpass expectations and deliver outstanding performance; engineered to host several glass packages including triple glazing and dual glazed laminated glass options, this impressive window is proudly made in the U.S.A.

With many styles to choose from and features like even sight lines for a balanced look, outstanding strength and rigidity, virtually maintenance free extruded vinyl, these windows manufactured to order are made to last.

Select a glass package for enhanced energy efficiency or noise reduction and enjoy increased comfort in your home. For a unique look opt for an exterior color from our wide selection of finishes.

GS windows, green sound security!

OUTSTANDING FEATURES

EXCEPTIONAL BENEFITS

Precise engineering and design set apart the GS family of windows and doors. Crafted to offer exceptional options, our premier line is sure to bring comfort to your home for many years to come. Take a closer look at GS' features. Available with Nail Fin, Block frame and Replacement Flange. With outstanding performance and quality components, our GS Series has specific solutions for your project.

GS Series Windows

Durability and ease of use

- Heavy duty extruded vinyl for structural strength and durability
- Even sight lines for a balanced look
- Miter cut and fusion welded frame and sash for structural integrity
- Steel reinforced sashes for outstanding support
- Integral pull rail for easy operation of moving sash
- Replacement flange designed with heavy-duty dual wall
- 1" and 1-3/8" nailing fin set back
- Auto-lock for easy locking in sliding and hung models
- Heavy duty hardware on casements and awnings
- Laminated glass option for impact resistance and sound reduction
- STC Rated for low sound transmission
- Nylon composite window rollers on sliding and double sliding models for quiet operation and long lasting performance
- Aluminum guide for window rollers for smooth operation
- Hung models feature constant force counter weight balance system
- Vent latches for adjustable ventilation
- Double Hung models allow both sashes to tilt in for safe and easy cleaning from inside the home
- Tilt in Single Hung models allow operating sash to tilt in for safe and easy cleaning from inside the home
- Weep hole covers prevent debris from obstructing the drainage system and provide an aesthetic look

Enhanced energy efficiency

- Beveled, multi-chambered extruded vinyl improves thermal performance while providing an elegant appearance
- 3-1/4" frame depth engineered to host heavier insulated glass units of specialty glass packages
- Duralite spacer enhances thermal performance of glass components
- Full weather stripping helps prevent air infiltration
- 1" insulated glass unit featuring LoE3 glass
- Optional triple pane glass for enhanced thermal performance
- Argon gas filled glass chambers for increased energy savings

- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty

AVAILABLE FRAME TYPES

AN OPTION FOR EVERY PROJECT

GS Series frame types

Retrofit

For replacement applications. The replacement flange allows for convenient installation with no need to break out stucco.

Block

For replacement applications. Block with sloped sill adapter is also available.

Nail-on

1" Setback

1-3/8" Setback

For new construction applications. This frame type allows targeted installation in a newly created opening. Two different set backs to meet builders needs.

Standard Colors

Standard extruded vinyl colors are White or Almond with matching hardware.

White

Almond

White GS
Double Hung window

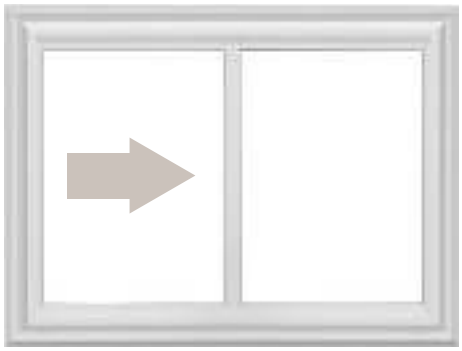
Almond GS
Sliding window

Color swatches are intended as a representation only and may vary due to printing limitations.

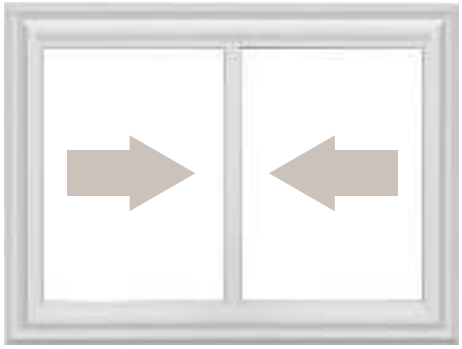
GS STYLING

MANY CHOICES, ENDLESS POSSIBILITIES

The GS family of windows is available in a host of popular styles and can be factory combined to create design interest while adding fashion and functionality to your home. Select the window style that meets your project architectural needs.



Horizontal Slider, only one moving sash



Horizontal Slider, both sashes operate

Double Hung

Tilt-in Single Hung

GS' endless possibilities will help create the look you desire. Each one of our windows is made to order to perfectly fit the opening size and can be customized with grids, specialty glass and exterior colors for a unique look. For outstanding views select our extra large windows which are built with superior strength and rigidity. Factory combined units are available in all frame types and in many configurations.

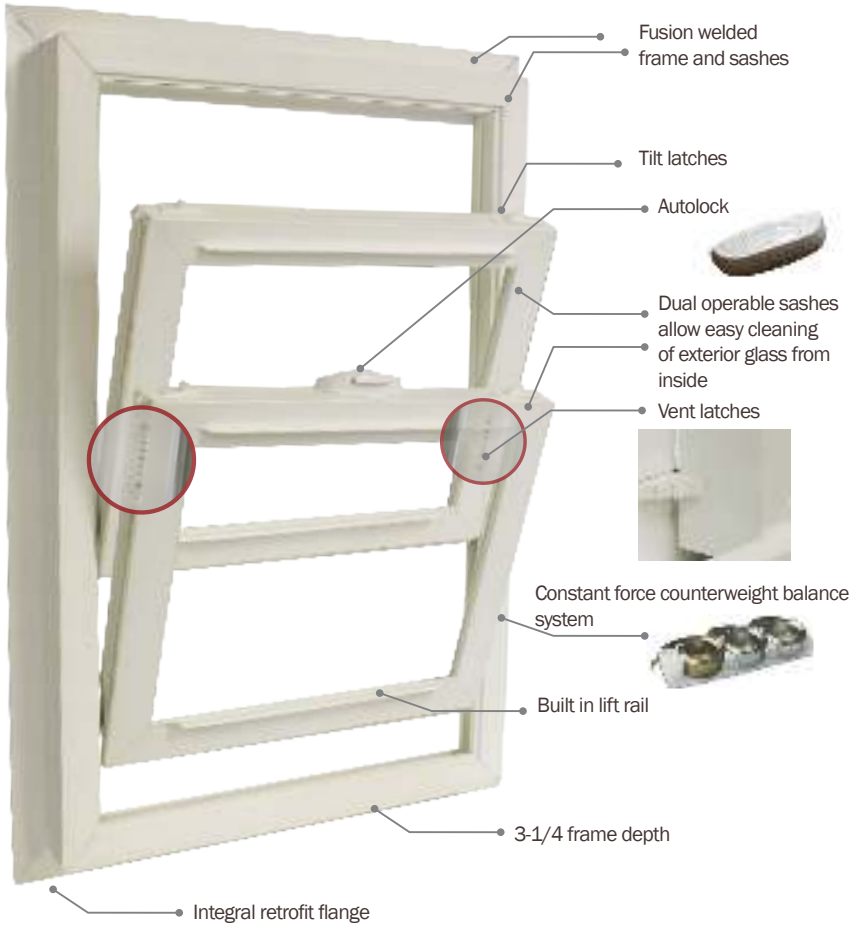
Picture, fixed windows and geometric shapes

Casements

Awnings

GS FEATURES AT A GLANCE
QUALITIES OF OUR TOP OF THE LINE WINDOW SERIES

GS Double Hung



GS Series
New Casement Hardware

Sash opens
90°

Casement hardware allows the sash to open to a full 90 degrees, clean the exterior glass easily from inside. Egress hinge available for casement windows.

Improved casement window handles and locks have been redesigned for smooth and easy operation. When not in use, they fold away for a modern sleeker look. Powder coated finish is durable and lasts the life of the window.

GS
Horizontal Sliding Window
Roller System

GS Series sliding windows feature heavy duty aluminum rails and bearing equipped nylon rollers for ultra quiet and smooth operation.

GS' heavy duty oversized nylon composite rollers are designed for long lasting easy use.

Aluminum rail system

Nylon composite rollers*

*Roller housing shown white to enhance roller view. Actual rollers are black and feature black housing.

GS PATIO DOORS

ENJOY THE OUTDOORS

Our GS family of doors expands possibilities for creating a functional and beautiful gateway to the outside. Featuring many styling options, fusion welded frames, exceptionally strong panels and top of the line hardware made to last. This premium series of patio doors are manufactured to order in high performance extruded vinyl which makes them virtually maintenance free, with outstanding thermal performance and superior strength and rigidity, especially important in extra large doors.

GS' sliding and French swing patio doors are created to meet your project's architectural needs with beauty, functionality and remarkable energy efficiency.

With glass packages that offer sound reduction, triple glazing and many enhancement options, our strongest most advanced door system is what your project needs.

GS PATIO DOORS

FRENCH STYLE SLIDING PATIO DOORS

GS' sliding patio doors allow you to enjoy wide door panel styling and 1-3-/16" insulated glass for energy efficiency. Triple pane models and laminated glass package options are available.

All GS Series doors use Duralite spacers with warm edge technology, LoE3 glass and are Argon gas filled. New nylon composite rollers add durability as well as quiet functionality. Steel reinforcement inserts for superior strength.

Key features

- Multi-chambered heavy duty extruded vinyl for structural strength and durability
- Frame depth is 5-5/8"
- 1-3/16" triple glazed IG unit featuring Duralite spacer with warm edge technology for energy efficiency
- 1-3/16" Dura-Pane dual glazed IG unit featuring Duralite spacer with warm edge technology for energy efficiency and Laminated glass panes for improved sound control capability
- Fusion welded corners for strength and stability
- IG Glass base wall adds stability and security
- Door panels feature a multi-channel extrusion for increased energy performance and integrity
- Steel and aluminum reinforcement for exceptional strength
- Heavy duty aluminum rail system offers smooth operation
- Adjustable nylon wheel rollers featuring galvanized steel housing for added durability and smooth, quiet functionality
- Ergonomic handle with dual point locking system for ease of use and tight seal against elements infiltration
- 1" and 1-3/8" set-back nail-on fin for easy installation
- Replacement flange features with heavy-duty dual wall
- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty

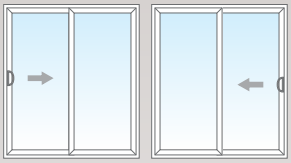
Standard colors

White

Almond

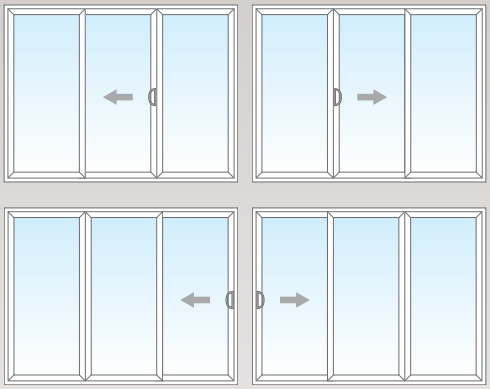
Available Styles

SLD: XO and OX



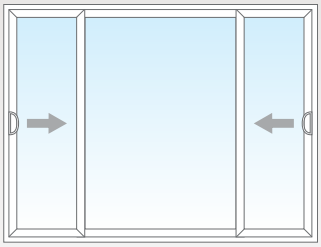
Two panel door with one operable panel that slides to the right or left. Also available with 1 or 2 transom windows

SLD: OXOL, OXOR, OOX and XOO



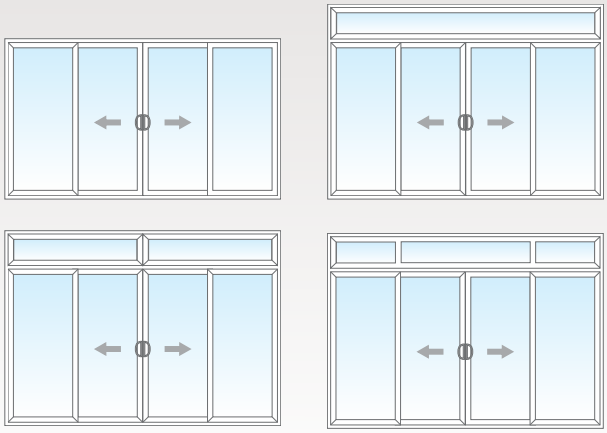
Three panel door with one operable panel that slides to the right or left. Operable panel can be on center, or on the side. Also available with 1, 2 or 3 transom windows

SLD:
XOX, XOX T1, XOX T2 and XOX T3



Three panel door with two operable and one fixed panels, side panels slide to the center. Available with 1, 2 or 3 Transom windows

SLD: OXXO, OXXO T1, OXXO T2 and OXXO T3



Four panel door with two operable and two fixed panels, center panels slide to sides. Available with 1, 2 or 3 transom windows.

Combine functionality and beauty with our fixed and operable side lites and transom windows available on GS Sliding Patio Doors.

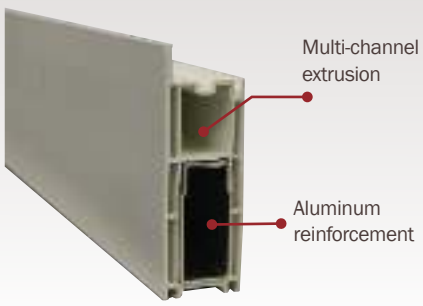
With options for wide and oversized openings your imagination is the limit.

GS Sliding Patio Doors have the style for a great entrance.

Exceptional Construction

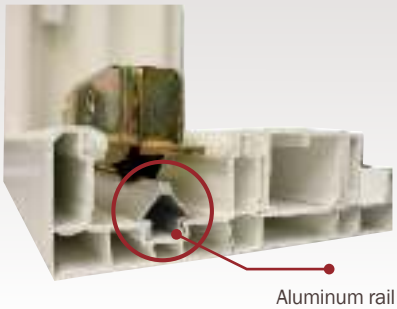
Door panel vinyl extrusion

Doors feature multi-chambered extruded vinyl panels with steel reinforcement for structural strength and integrity.



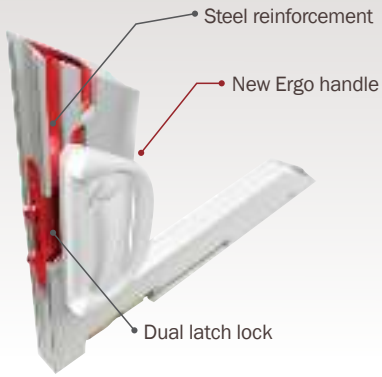
Aluminum rail system

Heavy duty aluminum rail system is standard on all GS Series sliding patio doors. This versatile rail offers a smoother glide when opening and closing the door. Aluminum is also resistant to erosion and rust.



Dual latch lock

GS Series French sliding doors feature a new dual latch lock for added security and a tight weather seal. New ergonomic handle easily closes in one motion.
(*Optional handle shown)



GS PATIO DOORS

FRENCH SWING PATIO DOOR

GS Series French swing patio doors feature outstanding vinyl construction, standard heavy duty hinges and are available in large sizes. GS Series patio doors are also available in optional exterior color finishes.

Glass panels are available in either TriplePane for energy efficiency or DuraPane laminated glass for high sound reduction and security. French swing doors feature new ergonomic handle, which allows to close and lock the door in one motion.

GS French Swing patio doors can be ordered with flat or sculptured grids in a variety of patterns.

- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty

Standard colors

White

Almond

Key features

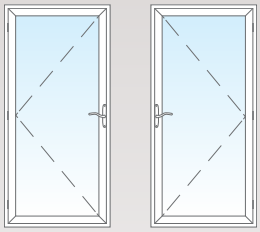
- Multi-chambered heavy duty extruded vinyl for strength and thermal performance
- Frame depth is 5-5/8”
- Fusion welded corners for integrity and stability
- 1-3/16” Triple Glaze IG unit featuring Duralite spacer with warm edge technology for energy efficiency
- 1-3/16” DuraPane dual glazed IG unit featuring Duralite spacer with warm edge technology for energy efficiency and Laminated glass panes for improved sound control capability*
- Door panels feature a multi-channel extrusion for increased energy performance and strength
- Aluminum reinforcement for structural integrity
- Heavy duty hinges are standard
- Commercial grade continuous hinges in oversized doors provide outstanding support for heavier panels
- Ergonomic handle with multi-point locking system allows to close and lock the door in one motion
- 1” and 1-3/8” set-back nail-on fin for easy installation
- Replacement flange features heavy-duty dual wall
- In-swing or out-swing operation
- Side-lites are available and can be fixed or operable

* Pending STC testing

Available Styles

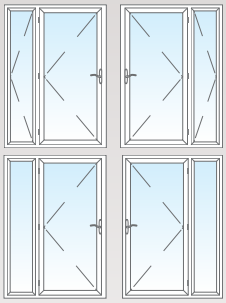
Select from swing out (SWO) or swing in (SWI) options. Most door styles are available with transom window(s).

SWO or SWI: XL, XR



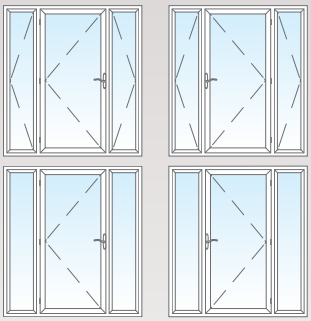
Single panel swing door operates to the left or right

SWO or SWI: SXL, SXR, XLS, XRS, FXL, FXR, XLF, XRF



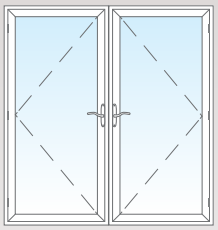
Single panel swing door operates to the left or right, with operable or fixed side-lite

SWO or SWI: SXLS, SXRS, FXLF, FXRF



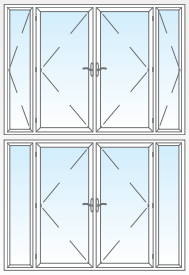
Single panel swing door operates to the left or right, with two operable or fixed side-lites

SWO or SWI: XX



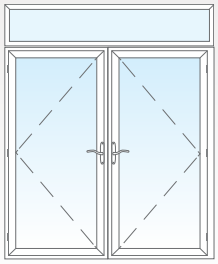
Two panel swing door, both panels operate and can swing out or in

SWO or SWI: SXXS, FXXF



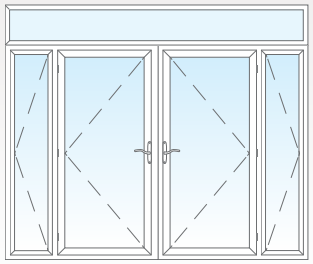
Double opening French Door with two operable or fixed side-lites

SWO or SWI: XX T and XX T2



Two panel swing door, both panels operate and can swing out, with transom window

SWO or SWI: SXXS T, FXXF T



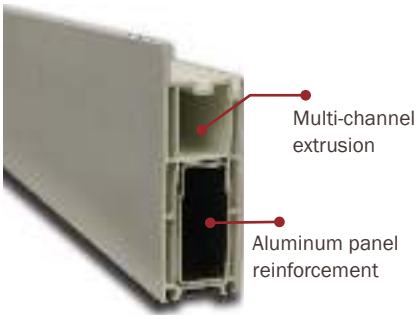
Double opening French Door with two operable or fixed side-lites, with one or up to 4 transom windows

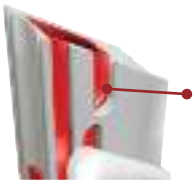
Elegant and functional, French Swing patio doors in a variety of styles, made to order to perfectly fit the opening

Exceptional Construction

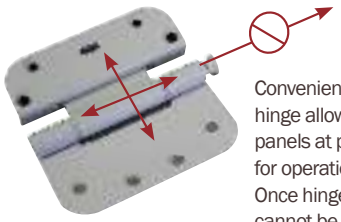
Door panel vinyl extrusion

Doors feature multi-chambered extruded vinyl panels with steel reinforcement for structural strength and integrity.





Door hinge design



Convenient adjustable hinge allows to set door panels at perfect point for operation and locking. Once hinge pin is set it cannot be punched out from the outside.

Hardware options

Ergonomic door handle

Designer finishes and optional keyed handles available.

Our standard vinyl swing door multi-point locking system engages to firmly secure the door when it is closed and locked.

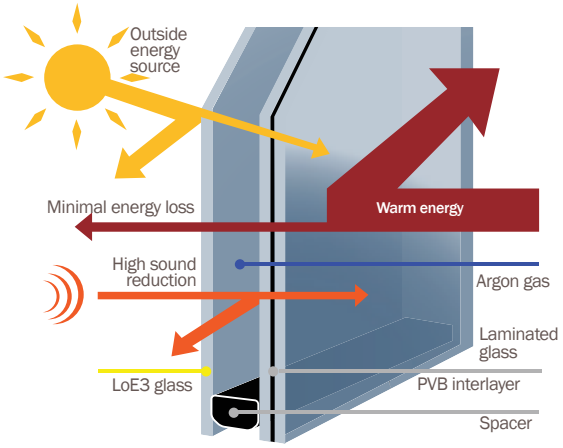
Side-lite latches finishes

SPECIALTY GLAZING OPTIONS
DURAPANE LAMINATED GLASS

DuraPane laminated glass is an innovative glazing system similar to automobile windshield glass, consisting of a plastic safety interlayer placed between two sheets of glass on one of the glass panes of the insulated glass unit.

Ordinary glass can break easily, tempered glass while known for its strength, will completely shatter under impact. If broken, DuraPane glass will retain its shape and maintain a barrier against foreign objects.

DuraPane laminated glass has excellent sound reduction properties making it a great choice for areas with high noise levels.



DuraPane 1" Insulated glass unit

Key features

- Impact resistant panels for increased security, glass will not shatter at impact
- High sound reduction achieved by a laminated glass pane
- 1" insulated glass unit for increased strength and stability, making tempered glass necessary only in extra-large window sizes
- Increased air space raises sound reduction levels
- STC Ratings using DuraPane laminated glass can reach levels up to 34-36 (Ratings may vary due to window size and glass options selected)
- 1-3/16" insulated glass unit on doors for improved strength and sound reduction properties

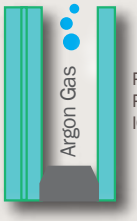
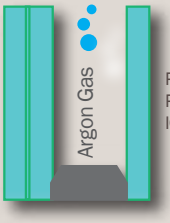
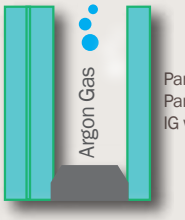
DuraPane Insulated Glass Unit

- 1 DuraPane laminated inner panel
- 1 LoE3 performance outer glass pane
- Inner air cavity is Argon gas filled
- Duralite spacer

DuraPane laminated glass contains a PVB interlayer of plastic placed between two sheets of glass. Minimal to zero glass tinting is produced using this process.

*Other glass combinations are available, inquire for more information.

DuraPane glass configurations by product type*

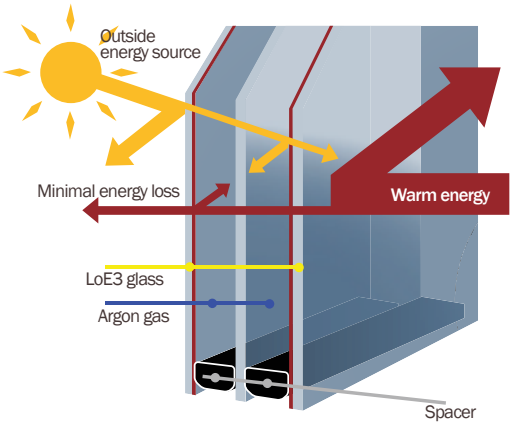
windows	doors	oversized doors
 Pane 1 = 1/4" Laminated glass Pane 2 = 1/8" Glass IG width = 1"	 Pane 1 = 5/16" Laminated glass Pane 2 = 1/8" Glass IG width = 1-3/16"	 Pane 1 = 5/16" Laminated glass Pane 2 = 5/32" Glass IG width = 1-3/16"
GS Series Window DuraPane IG	GS Series Door DuraPane IG	GS Series Oversized Patio Door DuraPane IG
• DuraPane laminated glass • Cardinal LoE3 glass • Ultra-Low U-factor as low as .27 • Solar Heat Gain Coefficient as low as .20 • Duralite spacer • Argon filled glass chamber • Exceeds ENERGYSTAR standards • NFRC certified • STC rated sound reduction technology	• DuraPane laminated glass • Cardinal LoE3 glass • Ultra-Low U-factor as low as .27 • Solar Heat Gain Coefficient as low as .19 • Duralite spacer • Argon filled glass chamber • Exceeds ENERGYSTAR standards • NFRC certified • STC rated sound reduction technology	• DuraPane laminated glass • Cardinal LoE3 glass • Ultra-Low U-factor as low as .27 • Solar Heat Gain Coefficient as low as .19 • Duralite spacer • Argon filled glass chamber • Exceeds ENERGYSTAR standards • NFRC certified • STC rated sound reduction technology

SPECIALTY GLAZING OPTIONS
TRIPLE-PANE GLASS

Our TriplePane window system not only increases energy savings, but will also lower UV transmittance and help protect the inside of the home from sun fade and deterioration.

Our triple pane insulated glass unit consists of three layers of glass sealed with Duralite spacers. When it comes to saving energy the numbers of glass panes and quality of the spacer in the insulated glass unit are key. Along with better home insulation, a triple pane window is among the very best choices for an energy efficient home.

Stop energy from escaping through inefficient windows, upgrade to new GS Series windows today!



Triple Pane Glass 1" Insulated glass unit

Key features

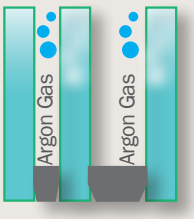
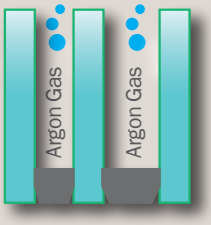
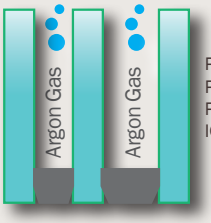
- 2 LoE3 glass panes for maximum energy savings
- Low U- factor and high condensation resistance
- 2 inner chambers are filled with argon gas
- Increased air space improves sound reduction levels
- Patio door insulated glass units feature thicker glass
- Oversized doors feature our Large Patio Door Series frame for outstanding strength

Triple Pane Insulated Glass Unit

- 2 LoE3 glass panes, inside and outside
- 1 clear glass pane in the center
- 2 air cavities are Argon gas filled
- Duralite spacer

Triple pane construction features 2 layers of Cardinal LoE3 glass for outstanding UV rays blocking capability. UV ray protection, will prevent fading and sun damage of items inside the home.

Triple pane glass configurations by product type*

windows	doors	oversized doors
 Pane 1 = 3/32" glass Pane 2 = 3/32" glass Pane 3 = 3/32" glass IG width = 1"*	 Pane 1 = 1/8" glass Pane 2 = 1/8" glass Pane 3 = 1/8" glass IG width = 1-3/16"*	 Pane 1 = 5/32" glass Pane 2 = 5/32" glass Pane 3 = 5/32" glass IG width = 1-3/16"*
GS Series Window Triple Pane IG	GS Series Door Triple Pane IG	GS Series Oversized Patio Door Triple Pane IG
• 3 Panes of Cardinal Glass: 2 LoE3 and 1 clear • Ultra-Low U-factor as low as .18 • Solar Heat Coefficient as low as .15 • Duralite spacer • Dual Argon filled glass chambers • Exceeds ENERGYSTAR standards • NFRC certified	• 3 Panes of Cardinal Glass: 2 LoE3 and 1 clear • Ultra-Low U-factor as low as .21 • Solar Heat Gain Coefficient as low as .17 • Duralite spacer • Dual Argon filled chambers • Exceeds ENERGYSTAR standards • NFRC certified	• 3 Panes of Cardinal Glass: 2 LoE3 and 1 clear • Ultra-Low U-factor as low as .21 • Solar Heat Gain Coefficient as low as .17 • Duralite spacer • Dual Argon filled chambers • Exceeds ENERGYSTAR standards • NFRC certified

TRIPLE PANE - DuraPane (LAMINATED)
GS WINDOWS THERMAL PERFORMANCE RATINGS COMPARISON

U factor

Lower U-factor in triple pane construction is attributed to 2 sheets of LoE3 glass. DuraPane features one pane of LoE3. Custom DuraPane glass configurations are available for increased performance. Contact your Value Windows sales representative for additional information on different glass packages.

TRIPLE PANE - DuraPane* (LAMINATED)
GS WINDOWS THERMAL PERFORMANCE RATINGS COMPARISON

			Thermal Performance								Structural Performance		
Product Type	Style	Glazing	U Factor	Solar Heat Gain Coefficient SHGC			Visible Transmittance			CR Condensation Resistance	Structural Rating	DP Rating	Size Tested
				Grids			Grids						
				No grids	<1"	>1"	No grids	<1"	>1"				
windows	Slider	Triple Pane	.21	.18	.16	.15	.35	.31	.27	CR 67	LC PG 25	25	70-15/16" x 56-1/16"
		Dura Pane*	.28	.20	.18	.17	.47	.42	.37	CR 64			
	Single Hung	Triple Pane	.20	.18	.16	.15	.35	.31	.27	CR 68	LC PG 30	30	43-11/16 x 74-3/4"
		Dura Pane*	.27	.20	.18	.16	.46	.41	.36	CR 64			
	Picture	Triple Pane	.19	.19	.17	.16	.37	.33	.29	CR 74	LC PG 25	25	70 x 60"
		Dura Pane*	.26	.21	.19	.17	.49	.44	.39	CR 65			
	Case-ment	Triple Pane	.19	.16	.15	.14	.31	.28	.25	CR 76	C PG 30	30	32 x 59"
		Dura Pane*	.26	.18	.17	.15	.41	.37	.34	CR 65			

Triple glaze tested with LoE3 glass, Duralite spacer and Argon gas filled * Durapane dual glaze unit featuring LoE3 Tempered + Laminated glass

National Fenestration Rating Council

Manufacturer of Certified Products

TRIPLE PANE - DuraPane (LAMINATED)
GS WINDOWS STC RATINGS COMPARISON

STC rating

Sound Transmission Class (or STC) is a rating that reflects the decibel reduction of airborne sound that a window or door provides.

The STC rating of windows and doors can be a decisive factor when selecting fenestration products for dwellings in areas with high noise levels.

TRIPLE PANE - DuraPane* (LAMINATED)
GS WINDOWS STC RATINGS COMPARISON

	Style	Glazing	IG width	Glass 1	Glass 2	Glass 3	STC Rating
windows	Slider	Triple pane	1”	3/32”	3/32	3/32”	28
		DuraPane	1”	1/8”	1/4” Lami		34
	Single Hung	Triple Pane	1”	3/32”	3/32”	3/32”	30
		DuraPane	1”	1/8”	1/4” Lami		33
	Picture	Triple Pane	1”	3/32”	3/32”	3/32”	28
		DuraPane	1”	1/8”	1/4” Lami		33

* Durapane dual glaze unit featuring Laminated + Laminated glass

Galaxy™ Series Vinyl Windows & Patio Doors

Value WINDOWS & DOORS

FOR REPLACEMENT AND
NEW CONSTRUCTION APPLICATIONS

DISTINCTIVE FEATURES

EXCELLENT BENEFITS

Select Galaxy Series to replace old aluminum or wood windows. Manufactured in vinyl, these virtually maintenance free windows and doors are designed to add beauty and functionality to your project. Our Galaxy full family of windows and patio doors offers the standard features you want with thermal performance that will translate into energy savings and comfort for you. The performance you want in beautiful windows and doors made to last.

Galaxy Series Windows

Durability and ease of use

- Heavy duty extruded vinyl for structural strength and durability
- Even sight lines for a balanced look
- Miter cut and fusion welded frame and sash for structural integrity
- Steel reinforced sashes for outstanding support
- Integral pull rail for easy operation of moving sash
- Dual wall replacement flange construction
- 1" nailing fin set back for new construction applications
- Auto-lock for easy locking and heavy duty hardware on casements and awnings
- All metal window rollers on sliding models for long lasting smooth performance
- Hung models feature constant force counter weight balance system
- Vent latches for adjustable ventilation
- Double Hung models allow both sashes to tilt in for safe and easy cleaning from inside the home
- Tilt in Single Hung models allow operating sash to tilt in for safe and easy cleaning from inside the home
- Weep hole covers prevent debris from obstructing the drainage system and provide an aesthetic look

Enhanced energy efficiency

- Beveled, multi-chambered extruded vinyl improves thermal performance while providing an aesthetic appearance
- 2-3/4" frame depth for structural integrity
- Duralite spacer enhances thermal performance of glass components
- Full weather stripping helps prevent air infiltration
- 3/4" insulated glass unit featuring LoE3 glass
- Argon gas filled chamber for increased energy savings

Standard colors

White

Almond

- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)

Galaxy frame types

Retrofit

Block

Nail-on

GALAXY STYLING

YOUR STYLE, YOUR CHOICE

Our Galaxy Series offers all the styles that make it a preferred choice for many projects. Horizontal sliders, double hungs, tilt-in single hungs and all other styles can be combined for an attractive look and enhanced functionality.

Horizontal Slider

Double Hung

Tilt-in Single Hung

Picture, fixed windows
and geometric shapes

Casements

Awnings

Galaxy Bay and Bow windows

The Galaxy Family includes our Bay and Bow windows for a beautiful projected window with several lites and flanker options. Casement and single hung flankers are available and include plywood top and bottom for structural stability.

Contact your sales representative for more information on these versatile window styles.

Galaxy Series Bay window with single hung flankers

Galaxy Series 4 lite Bow window

GALAXY PATIO DOORS

ENJOY THE OUTDOORS

Whether your project calls for a sliding or a French swing patio door, the Galaxy Series has a door for you.

Galaxy sliding doors offer a wide panels and is available in several configurations. Your new gateway to the outdoors is manufactured in high quality vinyl, is virtually maintenance free and glides effortlessly.

Both our sliding and French swing patio doors have outstanding thermal performance and will dramatically reduce the energy consumption in your home.

Select the style that best suits your architectural needs and enhance it with several options available to give your door a personal touch.

Our largest doors feature the reinforcement needed to ensure ease of operation and long lasting durability.

The Galaxy family has the door you need!

GALAXY PATIO DOORS

FRENCH STYLE SLIDING PATIO DOOR

Galaxy Series French sliding patio doors feature wide panels and 1" insulated glass for energy efficiency.

Galaxy doors combine Duralite spacers with warm edge technology, LoE3 glass and Argon gas fill, allowing outstanding insulation and enhanced energy efficiency. New nylon composite rollers add durability and quiet functionality. Steel reinforcement inserts for superior strength are standard.

Galaxy French sliding patio doors can be personalized with flat or sculptured grids and for a unique look, upgraded to an exterior color finish.

Galaxy sliding patio door viewed from the outside.

Key features

- Multi-chambered heavy duty extruded vinyl for structural strength and durability
- Frame depth is 5-5/8"
- Fusion welded corners for strength and stability
- 1" IG featuring Duralite spacer with warm edge technology for energy efficiency
- Door panels feature a multi-channel extrusion for increased energy performance and strength
- Steel and aluminum reinforcement for exceptional strength
- Heavy duty aluminum rail system offers smooth operation
- Galvanized steel rollers for added durability and quiet functionality
- Ergonomic handle with dual point locking system for ease of use and tight seal against elements infiltration
- 1" and 1-3/8" set-back nail-on fin for easy installation
- Replacement flange designed with heavy-duty dual wall construction
- Argon gas filled chamber for increased energy savings

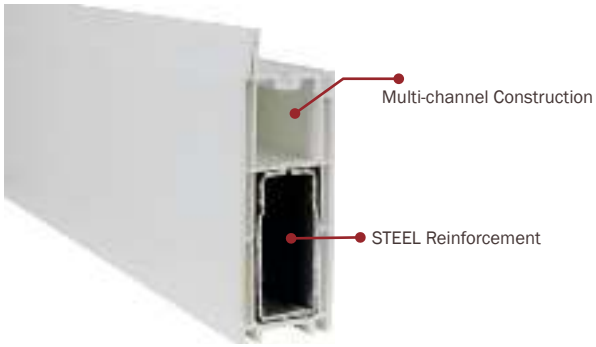
- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty

Standard colors

White

Almond

Door panel vinyl extrusion



Aluminum rail system

Heavy duty aluminum rail system is standard on all GS Series sliding patio doors. This offers a smoother glide when opening and closing the door. Aluminum is also resistant to erosion and rust.

Dual latch lock

Galaxy Series French sliding doors feature a new dual latch lock which provides extra security and a tight weather seal. New ergonomic handle closes easily in one motion.

GALAXY PATIO DOORS

FRENCH SWING PATIO DOOR

Galaxy French swing patio doors feature heavy duty vinyl construction. Heavy duty hinges come standard on swing door models and oversized doors feature commercial grade continuous hinges for easy operation of heavier operating panels.

French swing doors feature an ergonomic handle, which allows to close and lock the door in one motion.

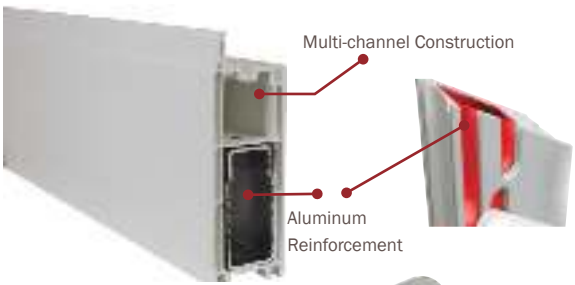
Galaxy French Swing patio doors can be ordered with flat or sculptured grids in a variety of patterns and for a unique look, exterior colors are available in 17 shades.

Ergonomic door handle

Our standard vinyl swing door multi-point locking system engages to firmly secure the door when it is closed and locked.

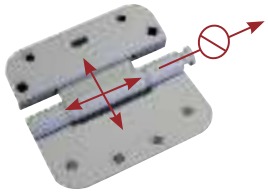
- Multi-chambered heavy wall extruded vinyl for structural strength and durability
- Frame depth is 5-5/8”
- Fusion welded corners for strength and stability
- 1” IG featuring Duralite spacer with warm edge technology for energy efficiency
- Door panels feature a multi-channel extrusion for increased energy performance and strength
- Aluminum reinforcement for structural integrity
- Heavy duty hinges are standard on
- Commercial grade continuous hinges in oversized doors provide outstanding support for heavier panels
- Ergonomic handle with multi-point locking system allows to close and lock the door in one motion
- 1” and 1-3/8” set-back nail-on fin for easy installation
- Replacement flange designed with heavy-duty dual wall
- In-swing or out-swing operation
- Side lites are available and can be fixed or operable
- Argon gas filled chamber for increased energy savings

Aluminum panel reinforcement



- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be order to meet ENERGYSTAR® requirements
- Lifetime Warranty

Door hinge design



Standard colors

White

Almond

Imperial™ Series Vinyl Windows & Patio Doors

Value WINDOWS & DOORS

FOR REPLACEMENT AND
NEW CONSTRUCTION APPLICATIONS

Imperial frame types

Retrofit

1-3/4" replacement flange

2-1/2" replacement flange

Block

Nail-on

1" Setback

1-3/8" Setback

IMPERIAL SERIES WINDOWS MANY BENEFITS

Durability and ease of use

- Heavy duty extruded vinyl for structural strength and durability
- Miter cut and fusion welded frame and sash for rigidity and integrity
- Steel reinforced sashes for outstanding support
- Integral pull rail for easy operation of moving sash
- 1-3/4" and 2-1/2" replacement flange designed with heavy-duty dual wall
- 1" and 1-3/8" nailing fin set back
- Auto-lock for easy locking action
- Aluminum wheel rollers on sliding models for long lasting smooth performance
- Single Hungs feature block and tackle balance system
- Weep hole covers prevent debris from obstructing the drainage system and provide an aesthetic look

Enhanced energy efficiency

- Beveled, multi-chambered extruded vinyl improves thermal performance while providing an aesthetic appearance
- 3-1/4" Retrofit frame depth
- 2-3/4" Nail-on frame depth
- 3/4" insulated glass unit featuring LoE3 glass and Duralite spacer enhances thermal performance of glass components
- Full weather stripping helps prevent air infiltration
- Argon gas filled chamber for increased energy savings

Standard colors

White

Almond

- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)

IMPERIAL STYLING FUNCTIONALITY AND A GREATER VIEW

Horizontal Slider

Single Hung

Picture windows and geometric shapes

IMPERIAL PATIO DOORS

PRACTICAL FUNCTIONALITY

Imperial sliding patio door.

Key features

- Multi-chambered heavy duty extruded vinyl for structural strength and durability
- Frame depth is 5-5/8”
- Fusion welded corners for strength and stability
- 1” IG unit featuring Duralite spacer with warm edge technology for energy efficiency
- Door panels feature a multi-channel extrusion for increased energy performance and strength
- Steel and aluminum reinforcement for exceptional structural integrity
- Heavy duty aluminum rail system offers smooth operation
- Steel galvanized adjustable rollers with steel housing for added durability
- Ergonomic handle with dual point locking system for ease of use and tight seal against elements infiltration
- 1” and 1-3/8” nailing fin set back for easy installation
- Replacement flange designed with heavy-duty dual wall
- Argon gas filled chamber for increased energy savings

- Flat and sculptured grids in a variety of patterns
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty

Standard colors

White

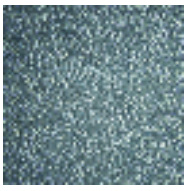
Almond

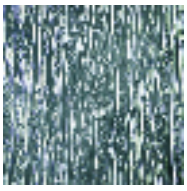
Dual latch lock

Imperial sliding doors feature a new dual latch lock which provides extra security and a tight weather seal. New ergonomic handle closes easily in one motion.

Value W&D Enhancements

Grid & Glass Options





PATTERN & COLOR GLASS SELECTION

Our variety of pattern glass designs preferred options for bathrooms, add character, privacy and dimension to windows or doors. Bronze and gray glass are also available.

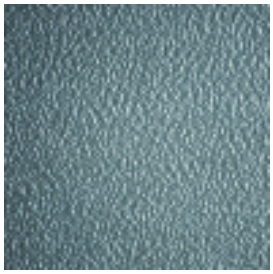
Pattern glass is a great option to accomplish privacy without blocking natural light.

Imperial Single Hung window featuring obscure glass.

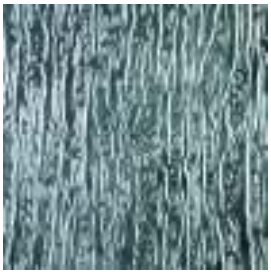
PATTERN GLASS SELECTION

Delta Frost

Glue Chip

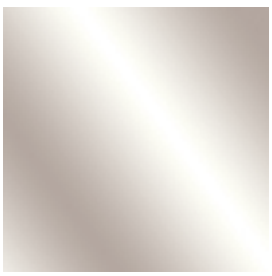


Obscure



Rain

COLOR GLASS SELECTION



Bronze

Gray

GS Sliding patio door featuring sculptured grids in Double Prairie pattern

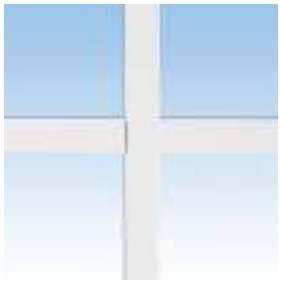
GRID OPTIONS

Add an elegant element to your windows and doors with a grid design. With several patterns to choose from and the benefit of having the grids placed inside the insulated glass unit, cleaning your windows is easy and convenient.

Available grid patterns, Marginal, Double Prairie and Colonial

Flat Grids

5/8”



3/4”

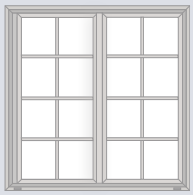
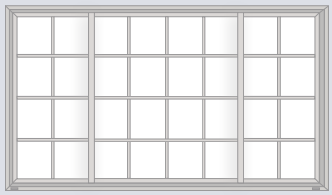
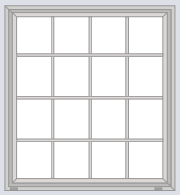
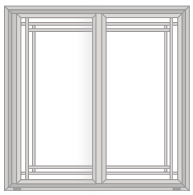
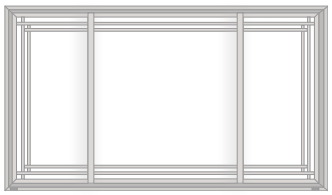
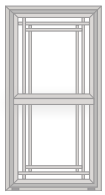
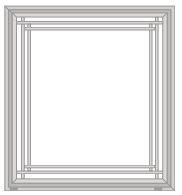
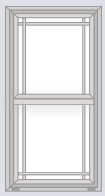
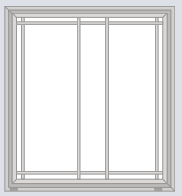
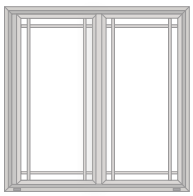
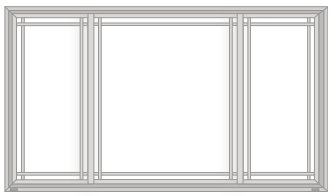
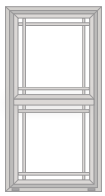
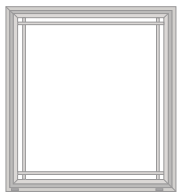
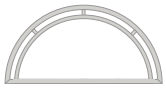
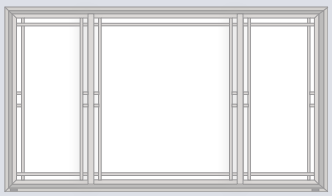
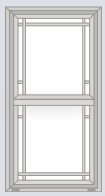
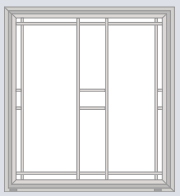
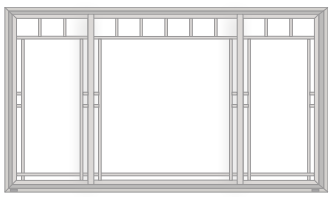
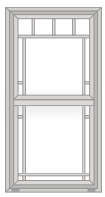
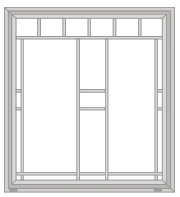
Sculptured Grids

5/8”

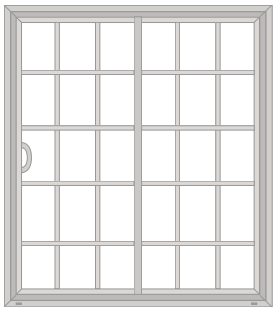
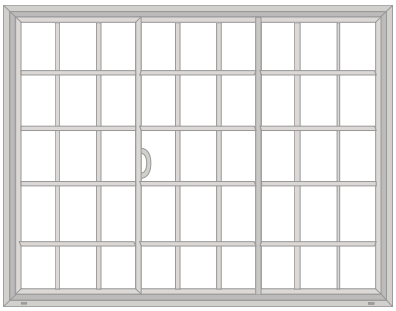
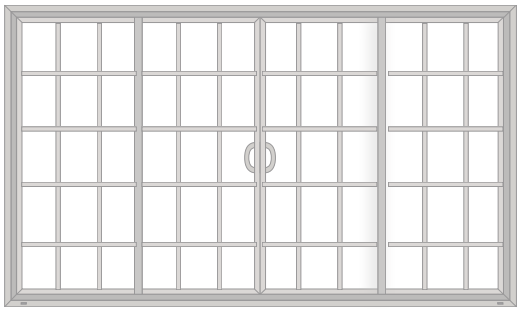
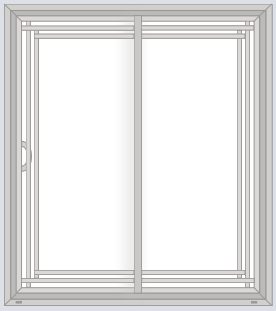
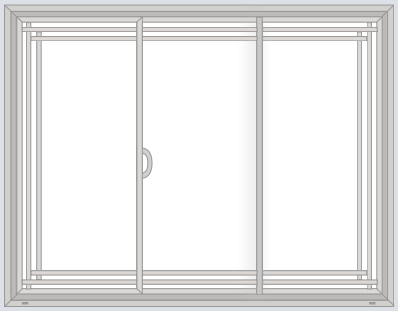
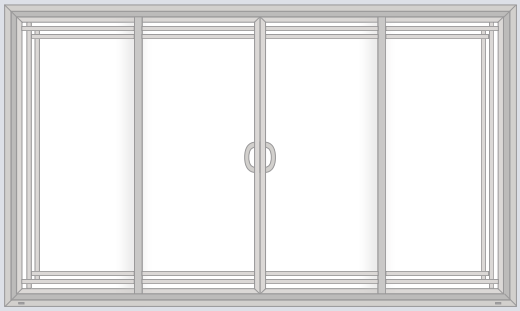
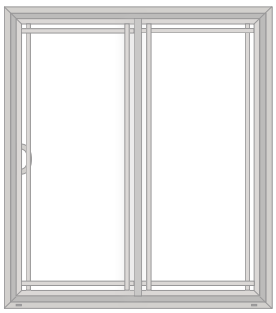
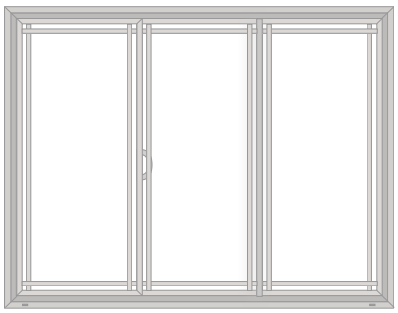
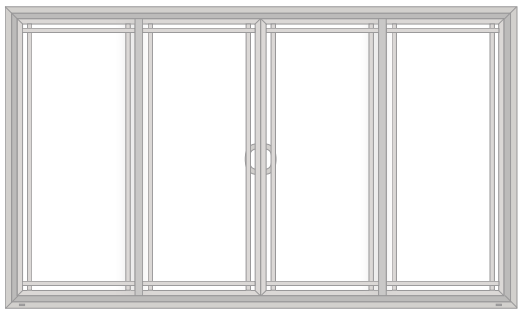
1”

CUSTOM OPTIONS

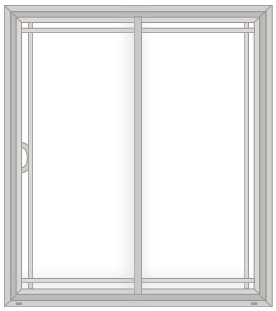
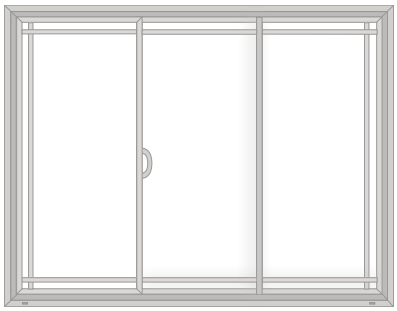
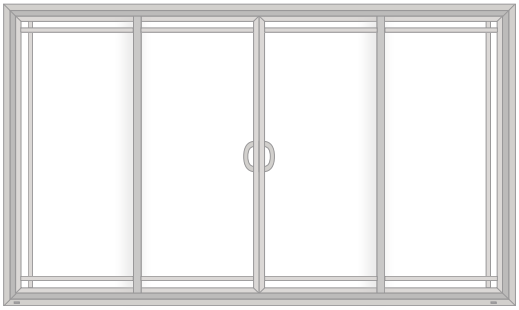
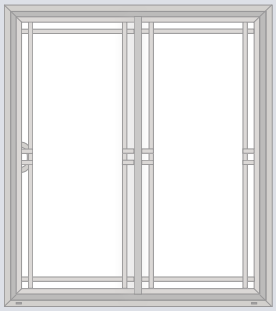
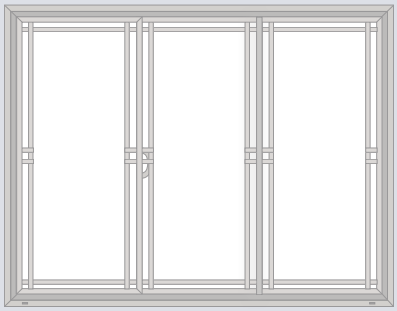
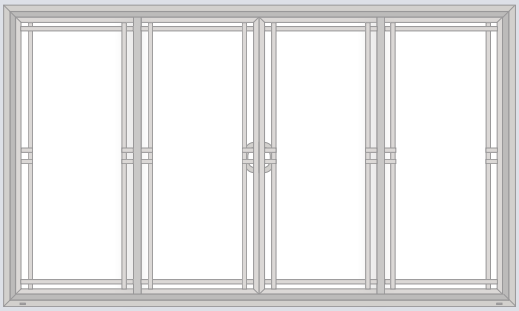
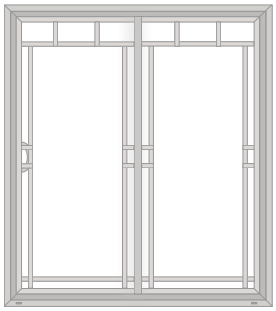
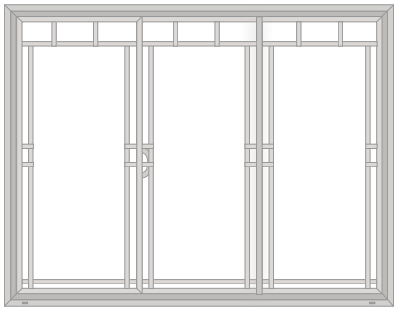
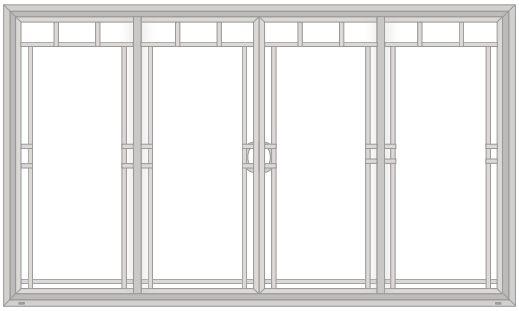
WINDOW GRID PATTERNS

	WINDOW CONFIGURATIONS				
	XO or XX	XOX	DH-SH	O	HALF ROUND ARCH
Colonial	 XO Colonial A-4W-4H	 XOX Colonial A-8W-4H	DH/SH Colonial A-2W-4H	 O Colonial A-4W-4H	Arch Half Round Colonial A-Ahr Sunstar 1
Double Prairie	 XO Double Prairie E-Dp 22	 XOX Double Prairie E-Dp 27	 DH/SH Double Prairie E-Dp 22	 O Double Prairie E-Dp 17	Arch Half Round Double Prairie E-Ahr-Dp-Top-8
Marginal	XO Marginal C-Mg 18	XOX Marginal C-Mg 27	 DH/SH Marginal C-Mg 12	 O Marginal C-Mg 15	Arch Half Round Marginal C-Ahr-MG Top-9
Marginal	 XO Marginal B-Mg 12	 XOX Marginal B-Mg 15	 DH/SH Marginal B-Mg 12	 O Marginal B-Mg 9	 Arch Half Round Marginal B-Ahr-MG Top-5
Marginal	XO Marginal D-Mg 26	 XOX Marginal D-Mg 39	 DH/SH Marginal D-Mg 16	 O Marginal D-Mg 21	Arch Half Round Marginal D-Ahr-MG Top-9
Marginal	XO Marginal F-Mg 28	 XOX Marginal F-Mg 42	 DH/SH Marginal F-Mg 17	 O Marginal F-Mg 22	Arch Half Round Marginal F-Ahr-MG Top-7

CUSTOM OPTIONS
DOORS GRID PATTERNS

	DOOR CONFIGURATIONS		
	XO	OXO	OXXO
Colonial	 XO Colonial A-6W-5H	 OXO Colonial A-9W-5H	 OXXO Colonial A-12W-4H
Double Prairie	 XO Double Prairie E-Dp 22	 OXO Double Prairie E-Dp 27	 OXXO Double Prairie E-Dp 32
Marginal	 XO Marginal C-Mg 18	 OXO Marginal C-Mg 27	 OXXO Marginal C-Mg 36

CUSTOM OPTIONS
DOORS GRID PATTERNS

	DOOR CONFIGURATIONS		
	XO	OXO	OXXO
Marginal	 XO Marginal B-Mg-12	 OXO Marginal B-Mg-15	 OXXO Marginal B-Mg-18
Marginal	 XO Marginal D-Mg-26	 XOX Marginal D-Mg-39	 DH/SH Marginal D-Mg-52
Marginal	 XO Marginal F-Mg-26	 OXO Marginal F-Mg 39	 OXXO Marginal D-Mg 52

WINDOW SHUTTERS

PRIVACY AND COMFORT

Value Vinyl Shutters are a great option to control the amount of light allowed in the home. They will not warp or crack and will not be affected by extreme weather changes.

Value Shutters are light and easy to operate by simply pushing and pulling the handle. Enjoy the beauty and convenience of Value shutters for a fraction of the price of traditional wood options.

They are durable and easy to clean and come in a variety of styles.

Easy operation, moving the lever up and down opens and closes the shutter.

Enjoy the sunshine outdoors...

And decide how much light you let in your home!

Open shutter viewed from inside.

Closed shutter viewed from inside.

Closed shutter viewed from outside.

Cardinal Glass

Since 1962, Cardinal's mission has been to provide the highest quality glass products for residential windows throughout the world.

Cardinal Industries is our trusted glass provider, from energy efficient glass to annealed and tempered options we, rely on Cardinal's products to manufacture high quality insulated glass units.

Energy efficiency is all about maintaining optimal temperatures with minimal energy loss. With Cardinal LoE³ glass installed window heat can be dramatically reduced. This helps keep your home cool and comfortable. Ordinary window glass simply does not compare.

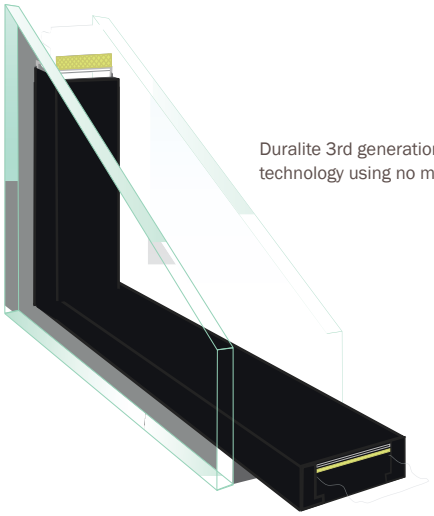
In cold weather months, heating costs increase energy consumption. Usually, 75% of an exposed window is glass. This directly affects the temperature inside. Better insulation will keep your home warmer and heating cost down.

Cardinal's LoE³ glass provides outstanding protection against fading and ultraviolet damage. Blocking out up to 95% percent of harmful rays will help avoid sun damage and fading inside the home. Visible light still shines through for brightness without significant darkness or tinting effects.

enviro sealed windows™ and doors Powered by Duralite®

Warm Edge Technology.
All Value Series products feature Duralite spacers that provide maximum insulation between glass panels. Energy inside the home is kept where it should be, inside. Keep heat out during summer months and cold out during the winter.

- Composite laminating technology
- Polycarbonate spacer element, no metal
- A unique patented design
- Smooth surface appearance
- Black sight line
- Proven adhesive technology
- Superior argon gas retention
- Minimal compression required
- Lower conductivity polymeric warm edge spacer
- Improved condensation resistance
- Warmer edge of glass temperature



Duralite 3rd generation warm-edge technology using no metal

INTERLOCK
ASSA ABLOY

With generations of experience in designing, manufacturing and distributing window and door hardware across the globe, the collective ingenuity of the team at Interlock USA has been decades in the making. Perhaps best known as the inventor of the automatic sash lock system for vinyl windows, Interlock specializes in working closely with window and door manufacturers to create innovative hardware designs that differentiate their products from the competition.

Through innovative design, superior technical support and personalized service, Interlock creates unique, sophisticated hardware solutions that consistently hit the mark with consumers—both in form and function.

With worldwide resources through ASSA ABLOY, and partnerships with globally recognized companies such as the SIEGENIA-AUBI Group (SIEGENIA-AUBI & KFV), Dr. Hahn and Brio, Interlock USA provides comprehensive, solutions for window and door manufacturers throughout North America. With a global foot print, Interlock ASSA Abloy provides high quality hardware for several window and door applications.

Interlock USA is proud to be a member of the American Architectural Manufacturers Association (AAMA).

Value
WINDOWS & DOORS

GS, Galaxy and Imperial Series of Vinyl Windows & Patio Doors

PROUDLY MADE
IN THE USA

Value
WINDOWS & DOORS

NFRC
National Fenestration Rating Council

AAMA
Manufacturer of Certified Products