

FOR REPLACEMENT AND NEW CONSTRUCTION APPLICATIONS

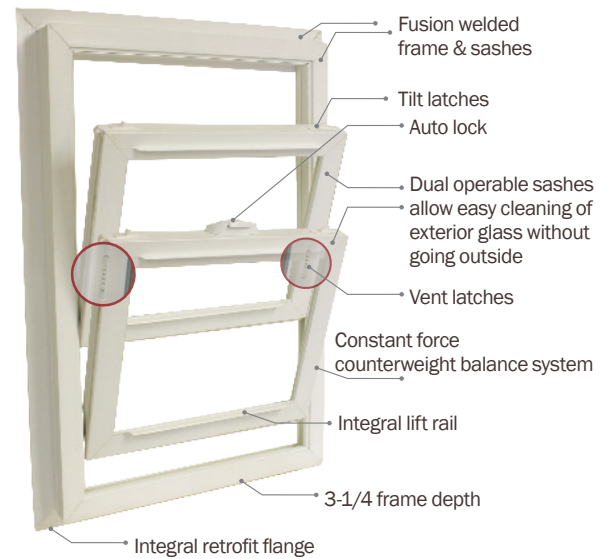
Value Windows & Doors is proud to introduce: GS™ Series of Windows & Patio Doors

Built strong to last long, our newest and improved GS window and door system, will meet your needs for energy efficiency, security and sound control. Triple glaze, featuring 3 glass panes argon gas filled for maximum energy efficiency, is available. DuraPane impact resistant Laminated glass option and glass packages designed to meet STC ratings for sound reduction. With outstanding performance and quality components our GS family of windows and doors, has specific solutions for your project.



GS Windows key features

- Heavy duty extruded vinyl
- Even sight lines
- Miter cut and fusion welded frame and sash
- Steel reinforced sashes
- Integral pull rail
- Replacement flange designed with heavy-duty dual wall
- 1" and 1-3/8" nailing fin set back
- Auto-lock 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
- Aluminum guide for window rollers
- Hung models feature constant force counter weight balance system
- Vent latches for adjustable ventilation
- Double Hung models allow both sashes to tilt in
- Tilt in Single Hung models allow operating sash to tilt in
- Weep hole covers prevent debris from obstructing the drainage system and provide an aesthetic look
- Beveled, multi-chambered extruded vinyl
- 3-1/4" frame depth
- Duralite spacer
- Full weather stripping
- 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 ordered to meet ENERGYSTAR® requirements
 - Lifetime Warranty (Does not include glass breakage)



GS Series double hung window

GS™ XO Series Performance*

U-Factor	0.20
Solar Heat Gain Coefficient (SHGC)	0.18
Visible Transmission	35%
STC (Sound transmittance rating)	30

As tested with LoE3 - Clear LoE3 triple glaze and Duralite spacer. Windows meet and surpass California Model Building Security Ordinance for forced entry resistance.

*Values may vary per window style and grid options.

Available configurations

- Horizontal slider
- Double horizontal slider
- Tilt-in Single hung
- Double hung
- Picture windows
- Geometric shapes
- Casements & Awnings
- Stacked and mulled combinations

Frame types

- Nail-on
- Block
- Block with sloped sill adapter
- Retrofit

Standard colors



White



Almond



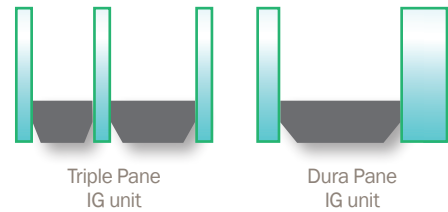
Triple Pane-Dura Pane Thermal Performance Ratings Comparison and Structural Performance

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 sales associate for additional information on different glass configurations.

Product Type	Style	Glazing	Thermal Performance							Structural Performance			
			U Factor	Solar Heat Gain Coefficient SHGC			Visible Transmittance			CR Condensation Resistance	Structural Rating	DP Rating	Size Tested
				Grids			Grids						
				None	<1"	>1"	None	<1"	>1"				
windows	Slider	Triple Pane	.20	.18	.16	.15	.35	.31	.27	CR 67	LC PG 25	25	70 ⁻¹⁵ / ₁₆ " X 56 ⁻¹ / ₁₆ "
		DuraPane*	.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 "
		DuraPane*	.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"
		DuraPane*	.26	.21	.19	.17	.49	.44	.39	CR 65			
	Casement	Triple Pane	.19	.16	.15	.14	.31	.28	.25	CR 76	C PG 30	30	32 x 59"
		DuraPane*	.26	.18	.17	.15	.41	.37	.34	CR 65			

Triple Pane ~ Dura Pane STC Ratings Comparison

windows	Style	Glazing	IG width	Glass 1	Glass 2	Glass 3	STC Rating
	Sliders	Triple pane		1-1/32"	3/32"	3/32"	3/32"
Dura Pane			1"	1/8"	5/8" Lami		34
Single Hung	Triple Pane		1"	3/32"	3/32"	3/32"	30
	Dura Pane		1"	1/8"	1/4" Lami		33
Picture	Triple Pane		1"	3/32"	3/32"	3/32"	28
	Dura Pane		1"	1/8"	1/4" Lami		33



GS Series French Style Sliding Patio Doors



GS Series French sliding patio doors feature the wide style railing of a swing door. 1.5" insulated glass for improved energy efficiency. Triple pane models and Durapane laminated glass models are available.

Key features

- Multi-chambre heavy duty extruded vinyl
- Frame depth is 5-5/8"
- 1-3/16" triple glazed IG unit featuring Duralite spacer
- 1-3/16" Dura-Pane dual glazed IG unit featuring Duralite spacer and Laminated glass
- Fusion welded corners
- IG Glass base wall
- Door panels feature a multi-channel extrusion
- Steel and aluminum reinforcement
- Heavy duty aluminum rail system
- Adjustable nylon wheel rollers featuring galvanized steel housing
- Ergonomic handle with dual point locking system
- 1" and 1-3/8" set-back nail-on fin
- Replacement flange features with heavy-duty dual wall

GS Series French Swing Patio Doors



GS Series French Swing patio doors feature wide railing and 1.5" insulated glass for improved energy efficiency. Triple pane models and Durapane laminated glass models are available.

Key features

- Multi-chambre heavy duty extruded vinyl
- Frame depth is 5-5/8"
- 1-3/16" Triple Glaze IG unit featuring Duralite spacer
- 1-3/16" DuraPane dual glazed IG unit featuring Duralite spacer and Laminated glass
- Fusion welded corners
- Door panels feature a multi-channel extrusion
- Aluminum reinforcement
- Heavy duty hinges are standard
- Commercial grade continuous hinges in oversized doors
- Ergonomic handle with multi-point locking system
- 1" and 1-3/8" set-back nail-on fin
- Replacement flange features heavy-duty dual wall
- In-swing or out-swing operation
- Side-lites are available and can be fixed or operable

