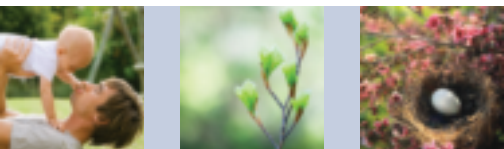


PREMIUM VINYL WINDOWS & DOORS

**For New Construction**



## NEW CONSTRUCTION WINDOWS

Ellison windows are made from premium virgin vinyl that lends classic charm to any home. Our Low-E glass options and Warm-Edge Insulated Glass Sealant System enable us to meet or exceed the highest energy standards, so your customers can enjoy the beauty of the outside world and cost savings in their wallet.

Ellison's  
**SINGLE & DOUBLE HUNG**  
 Collection

**SERIES 150**

(with Brick Mould Exterior)

**Series 160 available without J-Channel. Available in single hung, picture window and architectural shapes.**

- Beautiful, true brick mould exterior frame perimeter.
- Bottom sash operates and tilts in for easy cleaning.
- Integrated J-Channel and nail fin simplify installation.
- DP50 rating (window size tested 36" x 74").
- Insulated glass panels with optimum thermal air space featuring Warm-Edge spacer system.
- Fully welded frame and sash corners.
- Sloped sill for easy water run-off.
- Block & tackle balance system.
- Continuous head and sill on twins and triples.
- Half screen standard.\*
- Available in 3/4" or 5/8" flat grid, 5/8" or 1" contoured grid or 1 1/2" Simulated Divided Lite grid.
- Optional sash limiter restricts sash opening for safety.
- Optional charcoal aluminum mesh screen.
- Custom sizes available.
- Jamb depth: 3.277".



**SERIES 450**

(with Brick Mould Exterior)

**Series 460 available without J-Channel.**

- Beautiful, true brick mould exterior frame perimeter.
- Integrated J-Channel and nail fin simplify installation.
- DP 35 rating (Series 455/465 available with DP 50 option).
- Block & tackle balance system.
- Continuous head and sill on twins and triples.
- Half screen standard.\*
- Available in 3/4" or 5/8" flat grid; 5/8" or 1" contoured grid or 1 1/2" Simulated Divided Lite grid.
- 3 1/4" flat casing with bull-nose design optional.
- Optional dual push-button night vents for secure ventilation.
- Optional sash limiter restricts sash opening for safety.
- Optional charcoal aluminum mesh screen.
- Custom sizes available.
- Jamb depth: 3.868".
- Limited Lifetime Warranty.



3 1/4" flat casing with bull nose



The 150 and 450 Brick Mould Exterior



Choose the optional wood jamb extension and factory mull for simpler installation, without extra labor or materials. (Both options available for most windows.)



Thanks to the integrated J-Channel design, you can easily install vinyl siding around windows — without extra labor or materials. (Standard on most windows.)

\*Screens are not meant to restrain a child from falling through an open window.

# Additional STYLES



## CASEMENT Windows

Want a smooth, clean look for your contemporary home? Or a sleek, trim look for a cottage or bungalow? Try Ellison vinyl casement windows.

- Brick mould exterior design.
- Low-profile handle provides aesthetic appeal.
- Superb design and engineering help prevent air and water infiltration.
- Fusion-welded frame and sash ensure weathertight performance.
- Full-perimeter double weather stripping adds extra tightness.
- Narrow profile permits expanded viewing area.
- Concealed hinges and hardware let you open window 90 degrees for better ventilation and easier cleaning.
- Full screens come standard; mount on interior, remove for easy cleaning.\*
- Charcoal aluminum mesh screen.
- 2" simulated meeting rail to match single hung or double hung exterior appearance.
- Tandem locks come standard on all casements over 34" in height.
- Jamb depth: 3.250".

### COLOR Options:



Popular brick mould exterior profile for maximum curb appeal.



State-of-the-art hardware adds aesthetic appeal and smooth, easy operation.



Integral nail-fin is pre-punched to target proper nail location for quick, easy installation.

## AWNING Windows

Available colors: White, Almond, Clay



## AWNING Windows

The perfect choice for specialized applications.

- Brick mould exterior design.
- Low-profile handle provides aesthetic appeal.
- Fine-tuned, proven design ensures weathertight performance.
- Fusion-welded frame and sash further reduce air and water infiltration.
- Full-perimeter double weather stripping surrounds insulated glass to provide maximum energy efficiency.
- Interior-mounted full screen and double locks come standard.
- Charcoal aluminum mesh screen.\*
- Jamb depth: 3.250".

### Our V

Every Ellison new construction window has a lifetime warranty on the vinyl and all workmanship coverage up to 25 years. And through our service centers, you can obtain replacement parts because each window is made to order.

#### Sample:

DO NOT  
MAKE DATE: 3/1/2011 V  
SALES ORDER: 007359

# Additional STYLES

## SLIDERS

Ideal when a horizontal window is preferred.

- Aluminum-reinforced lock rail and meeting rails add strength.
- Fusion-welded frame and sash corners help prevent air and water infiltration.
- Beveled main frame gives classic brick mould appearance.
- Charcoal aluminum mesh screen.\*
- Available in either 2-Lite or 3-Lite model.
- Jamb depth:
  - Series 151/161: 3.277"
  - Series 451: 3.868"



## SPECIALTY Shapes

From octagons and trapezoids to full circles, ovals, half rounds, eyebrows, and more — we'll build windows to fit your needs and specifications.

- Standard sizes are available, with a full range of architectural options.
- Operable shapes are available.
- Factory mulling is available too, for worry-free installation.
- Available colors: White, Almond and Clay.



4 9/16" pre-primed wood jamb extender

4 9/16" stainable pine extender also available



6 9/16" stainable wood jamb extender

6 9/16" pre-primed wood jamb extender

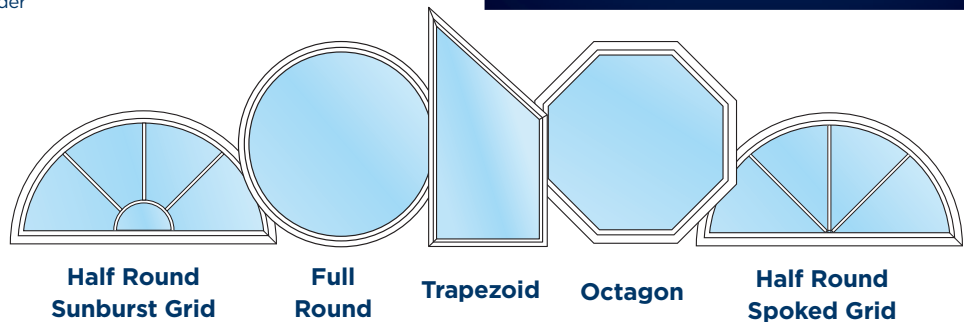
Our wood jamb extension options eliminate the need for "drywall return."



## Warranty

Our window and patio door is backed by a limited warranty covering working parts as well as insulated glass. Outside the warranty period, you can easily replace any unit that is individually registered.

REMOVE  
WARRANTY: 02589514  
62



\*Screens are not meant to restrain a child from falling through an open window.



Model 332 Sliding Patio Door

COLOR  
OPTIONS:

Available with  
models 332 and 312

White	Almond	Hunter Green	Dark Chocolate	Terratone	Clay	Brick Red
Gray	Bronze*	Tan	Light Oak	Dark Oak	Cherry	

Printing process may affect color shown. Please refer to actual window sample when selecting colors. \*Bronze exterior available in paint or laminate on 312

## MODEL 311

- Fully welded frame and panel come pre-assembled for easy installation.
- Reversible design lets you locate moving panel either left or right.
- Warm-Edge insulated glass system resists condensation, boosts efficiency.
- Sliding panel and meeting rail are reinforced with roll-formed steel to ensure rigidity and strength.
- Aluminum track for movable panel means a smooth, easy glide.
- Interlocking panels prevent air infiltration.
- White enameled handle with lock.
- Available color: White only.



## Options 311

- 5/8" and 3/4" flat grid; 5/8" and 1" contoured grid.
- Screen.
- Low-E Glass.
- Low-E Glass with Argon Gas.
- Ultra Low-E Glass with Argon Gas.

## MODEL 312

- Door frames come fully welded, fully assembled and complete with screen. (Most others do not.)
- Reversible sliding panels install to open either left or right.
- 7/8" Warm-Edge sealant system keeps heat and cold from traveling through glass surface.
- High-performance tempered glass comes insulated with thermal air or optional argon gas.
- Both panels come reinforced with steel for extra strength.
- Interlocking panels virtually eliminate air infiltration.
- Deluxe color matched hardware comes with secure key lock.
- Standard screen fits easily on site.\*
- Available colors: White, Almond or Clay.

## MODEL 332

DP Rating R50 (on 5068, and 6068 and 6480 sizes)

- All-welded frame and panel pre-assembled for easy installation.
- Reversible panel design allows for moving panel to be located on left or right side (6' 8" height only).
- 7/8" insulated Warm-Edge Sealant System with tempered glass for reduced condensation and energy efficiency.
- Aluminum track for moving panel.
- Color matched handle standard.
- Multi-point lock.
- Screen comes standard.\*
- 8' heights available.
- 4 5/16" jamb depth.
- Available colors: White, Almond or Clay.



Foot Bolt Lock (optional)



Brick Mould J-Channel Lock (optional)



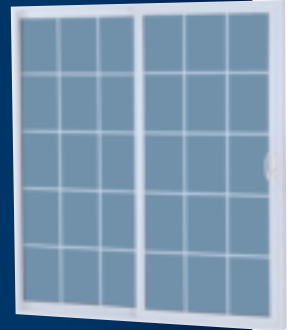
Multi-Point Lock (standard)

## MODEL 311



## MODEL 312

All grids (except for 1 1/8" SDL grid) come secured in place between panes, which allows for easy cleaning without removing or working around grids.

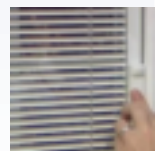


## MODEL 332



## Options 312 & 332

- Special grid options: distinctive diamond pattern; 5/8" and 3/4" flat grid; 5/8" and 1" contoured grid; 1 1/8" Simulated Divided Lite grid.
- Glass options: Low-E glass; Low-E Glass with Argon Gas; Ultra Low-E Glass.
- Side lites; transoms & specialty shapes; upgraded, deluxe heavy-duty screen.
- Light and dark shades of oak & cherry interior wood finish and exterior painted colors and bronze exterior (312 only) - all available on white doors only
- Brushed nickel handle.
- Available in 5', 6', 6'4", 8', 9' and 12' configurations.
- Custom sizes available.
- Wood jamb extension kits.



Blinds between the glass (white, 6068 only).

\* Screens are not meant to restrain a child from falling through an open window.

# Multiple Glass Options for New Construction Windows and Doors

With multiple glass options to increase energy efficiency, we have a glass package to fit any climate need and budget.

## Low-E Glass

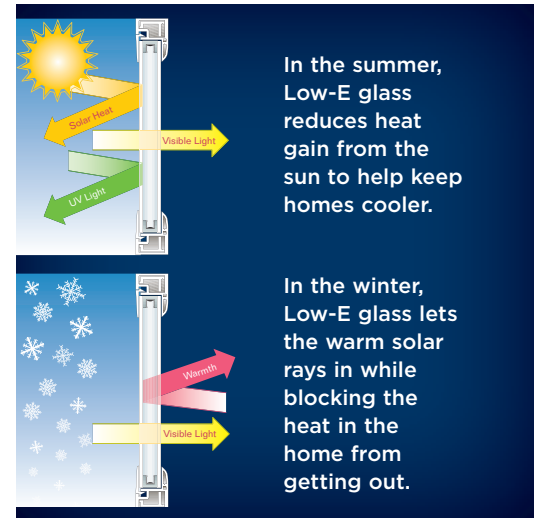
With Low-E glass, two layers of silver coating reflect heat back to its source. This means the heat stays outside in the summer, while your home stays warm and comfortable in the cold winter months. And because Low-E glass significantly reduces UV light, your furnishings, carpet and drapes are protected from the sun's damaging rays.

## Low-E Glass with Argon Gas

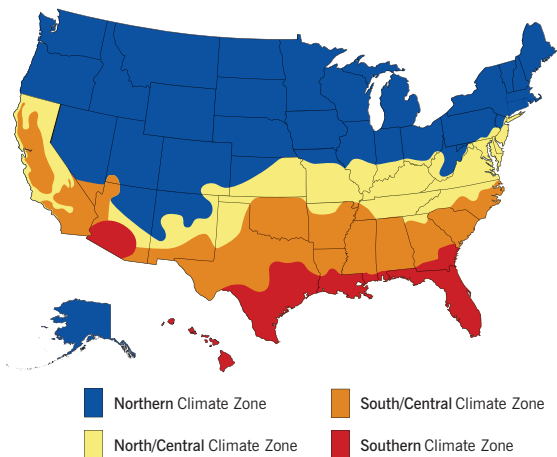
Enjoy even more comfort with the addition of insulating argon gas to your Low-E glass windows and doors. Argon is clear, odorless and denser than air, making it an ideal solution for enhanced insulation and noise buffering.

## Ultra Low-E Glass with Argon Gas

For optimal energy efficiency and maximum cost savings, choose our ultimate glass package: Ultra Low-E Glass with Argon Gas. Windows with this glass treatment offer superior thermal performance by combining three layers of silver with the insulating power of argon. This glass option is designed to meet stringent energy code criteria anywhere low thermal numbers are desired. This option may be required for Energy Star rating.



## Revised Energy Star Climate Zone Map



## Criteria for Windows

Climate Zone	U-Factor	SHGC
Northern:	≤ 0.30	Any
	= 0.31	≥ 0.35
	= 0.32	≥ 0.40
North/Central:	≤ 0.32	≤ 0.40
South/Central:	≤ 0.35	≤ 0.30
Southern:	≤ 0.60	≤ 0.27

The Energy Star program for windows divides the country into four distinct climate zones to recognize the varying heating and cooling months among the states. For patio doors, there is only one U-Factor and one Solar Heat Gain Coefficient (SHGC) requirement for Energy Star compliance.

## Criteria for Patio Doors

Glazing Level	U-Factor	SHGC
> 1/2 Lite:	≤ 0.32	≤ 0.30

Please consult your home improvement or new construction professional for specific thermal properties that vary based on glass options and grid choices, and verify your window's actual performance to ensure Energy Star rating in your specific climate zone.



All Ellison products may be ordered to meet Energy Star requirements.

Note: Manufacturer reserves the right to substitute components as necessary.

[www.ellisonwindows.com](http://www.ellisonwindows.com)

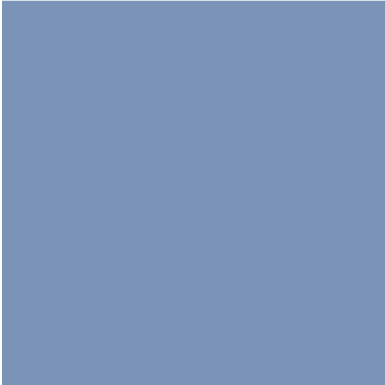
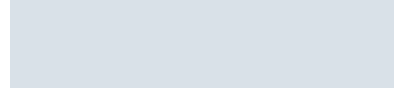
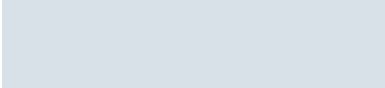
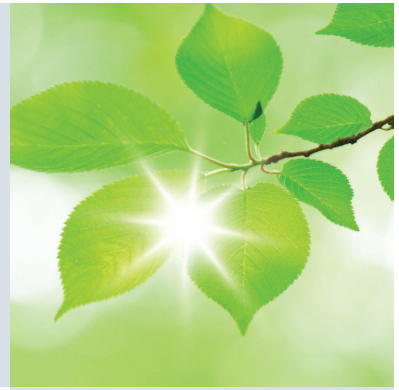
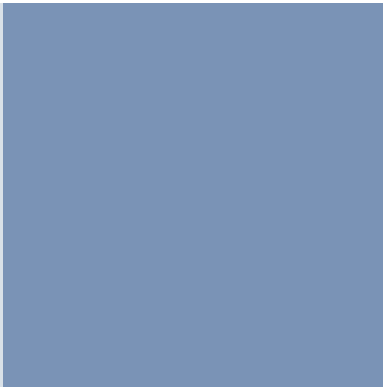
enjoy your view



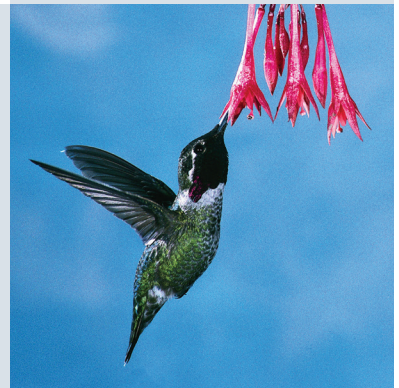
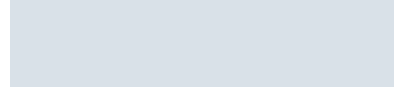
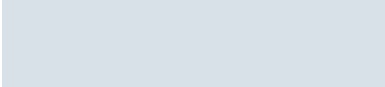
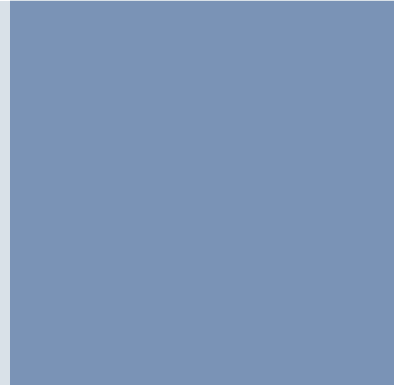
Scan this QR code to see our manufacturing facility in action.





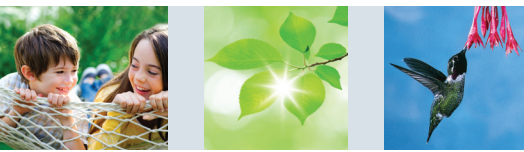


enjoy  
your  
view



PREMIUM VINYL REPLACEMENT WINDOWS & DOORS

**For Replacement**



**BEAUTIFY YOUR HOME.  
SIMPLIFY YOUR LIFE.**

At Ellison Windows and Doors, we design premium vinyl replacement windows and doors that lend classic charm to any décor, and that meet — or exceed — the highest energy standards. Whether you're looking for a more comfortable and consistent temperature in your home, a beautiful interior or exterior accent, or simply a lower energy bill, look no further than Ellison Windows and Doors. In all seasons and all conditions, we think you'll like what you see.



**SERIES 1800**

**COME HOME TO LUXURY.** If you have an eye for elegance and a need for lasting comfort, look no further. The Ellison Series 1800 blends our highest level of craftsmanship and performance with our widest range of premium enhancements and optional features. From the exclusive InsulKor™ sash reinforcement and foam-filled frame to our eight popular painted exterior colors, the 1800 series offers the finest options for the finest homes.



Scan this QR code to watch a video about our **Series 1800**

# SERIES 1800

Series 1800 also available in 2- and 3-lite slider windows.

## STRENGTH

- Fusion-welded sashes and frame add strength and boost thermal performance.
- 3/4" constant force coil balance permits easy sash movement.
- Integrated slim-line lift rail allows you to easily operate sashes.
- External accessory groove accommodates nail fin option.

## STABILITY

- Dual push-button night latches provide easy ventilation.
- Dual low profile, positive-action deluxe cam locks enhance safety (2 locks standard at 27 1/4").

## SAVINGS

- Exclusive InsulKor™ polyurethane fiberglass-enriched sash reinforcement for superior thermal and structural performance.
- Low-E Glass with Argon Gas.
- Full vinyl sash dam on sill and high-performance weather stripping protect against air infiltration.
- Full interlocking lock and meeting rail.
- DP 60 rating (window size tested 36" x 74").
- Rubber bulb seal helps block outside air.
- Sloped sill reduces air infiltration and allows for easy water runoff.
- Transferable Limited Lifetime Warranty.
- Lifetime Glass Breakage Warranty.

## STYLE

- Contoured sashes create additional beauty for the interior of your home.
- Beveled mainframe offers a stylish exterior appearance.
- Flush tilt latches.
- Full screen comes standard.\*
- 4 1/4" frame thickness enhances appearance as well as structural integrity.
- Jamb depth: 3.25".



## Options

- CUSTOM**
- **Silent Guard® with noise control STC 34 performance.**
  - **Triple-pane, R-5 compliant glass panels with Low-E/Argon Glass or Ultra Low-E/Argon Glass.**
  - **Ultra Low-E/Argon Glass** (may be required for Energy Star rating).
  - **Low-E Glass.**
  - Super Spacer® nXt™ sealant system (standard with triple-pane glass).
  - InsulKor multi-cavity foam-filled frame.
  - Nail fin accessory for use in remodeling or new construction applications.
  - Charcoal aluminum mesh screen.
  - Sash limiter restricts sash opening for safety.
  - Factory mulling of twins, triples and architectural shapes.
  - Obscure and double-strength glass.
  - Today's eight most popular painted exterior colors (on white interiors).
  - Three interior wood laminates in cherry, light oak and dark oak.
  - Additional lock colors to complement any interior color.
  - 5/8" or 1" contoured, 5/8" or 3/4" flat, 1 1/8" simulated divided lite, 5/8" contoured valance grid.

**COLOR Options\*\***

Color options available in 1800, casements, awnings, sliders, bays and bows.

White	Almond	Hunter Green***	
Dark Chocolate***	Terratone***	Clay***	
Brick Red***	Gray***	Bronze***	Tan***
Light Oak	Dark Oak	Cherry	

**LOCK Options\*\***

White	Almond	Dark Chocolate
Cherry	Brass	Brushed Nickel

Note: Manufacturer reserves the right to substitute components as necessary.  
 \* Screens are not meant to restrain a child from falling through an open window.  
 \*\* Printing process may affect color shown. Please refer to actual window sample when selecting colors.  
 \*\*\* Grid offering limited to 5/8" contoured or SDL on exterior painted windows.

# SERIES 1600

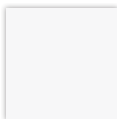
Series 1600 also available in 2- and 3-lite slider windows.

**SEE YOUR WORLD DIFFERENTLY.** At Ellison, we're all about top-of-the-line materials and quality craftsmanship, and our Series 1600 windows are a perfect example. With standard features including elegant rounded sashes and Low-E Glass with Argon Gas, Series 1600 windows are guaranteed to enhance your home while protecting it from cold winter air, hot summer days and high energy costs.



COLOR  
Options\*\*

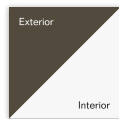
White



Almond



Bronze



Scan this QR code to watch a video about our **Series 1600**

## STRENGTH

- Fusion-welded sashes and frame add strength and boost thermal performance.
- Constant force coil balance permits easy sash movement.
- Aluminum-reinforced, multi-cavity construction provides additional thermal performance and structural integrity.
- Integrated slim-line lift rail allows you to easily operate sashes.

## STABILITY

- Dual push-button night latches provide easy ventilation.
- Positive-action low profile lock enhances safety (2 locks standard at 27 1/4").

## SAVINGS

- Low-E Glass with Argon Gas.
- DP 35 Rating (DP 50 optional, window size tested 36" x 74").
- Interlocking sashes keep out drafts.
- Rubber bulb seal helps block outside air.
- Dual-fin weather stripping further reduces air infiltration.
- Insulated glass panels with optimum thermal air space featuring Warm-Edge spacer system.
- Sloped sill reduces air infiltration and allows for easy water runoff.
- Transferable Limited Lifetime Warranty.
- 25-year Glass Breakage Warranty.

## STYLE

- Rounded sashes create additional beauty for the interior of your home.
- Beveled mainframe offers a stylish exterior appearance.
- Flush tilt latches.
- Half screen comes standard.\*
- Jamb depth: 3.25".

## MAXIMIZE Options

- **Ultra Low-E / Argon Glass** (may be required for Energy Star rating).
- **Low-E Glass.**
- 5/8" or 3/4" flat, 5/8" or 1" contoured 5/8" contoured valance grids available.
- Factory mulling of twins, triples and architectural shapes.
- Decorative beveled and leaded glass.
- Charcoal aluminum mesh screen.
- Obscure and double-strength glass.
- Sash limiter restricts sash opening for safety.
- Lifetime Glass Breakage Warranty.

# SERIES 1300

Series 1300 also available in 2- and 3-lite slider windows.



**COMFORT YOU CAN COUNT ON.** The Ellison Series 1300 is where affordability meets the durability of all-welded vinyl construction. These windows are built to last, providing your home with attractive, energy-saving efficiency all year round. Low-maintenance needs and custom style options make the Series 1300 a great choice for homeowners with an eye for design and value.

## STRENGTH

- Fusion-welded sashes and frame add strength, boost thermal performance.
- Constant force coil balance permits easy sash movement.
- Aluminum-reinforced, multi-cavity construction provides additional thermal performance and structural integrity.
- Integrated slim-line lift rail allows you to easily operate sash.

## STABILITY

- Dual push-button night latches provide easy ventilation.
- Positive-action cam lock enhances safety (2 locks standard at 27 1/4").

## SAVINGS

- Interlocking sashes keep out drafts.
- Rubber bulb seal helps block outside air.
- Dual-fin weather stripping further reduces air infiltration.
- Insulated glass panels with optimum thermal air space featuring Warm-Edge spacer system.
- Sloped sill reduces air infiltration and allows for easy water runoff.
- Transferable Limited Lifetime Warranty.

## STYLE

- Beveled exterior provides for an attractive appearance.
- Flush tilt latches.
- Half-screen comes standard.\*
- Jamb depth: 3.25".



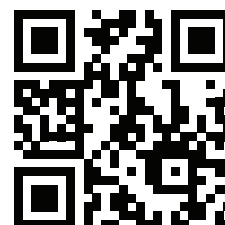
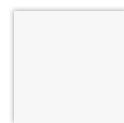
## Options

- **Ultra Low-E / Argon Glass** (may be required for Energy Star rating).
- **Low-E Glass with Argon Gas** for additional efficiency.
- **Low-E Glass.**
- 5/8" or 3/4" flat, 5/8" or 1" contoured 5/8" contoured valance grids available.
- Factory mulling of twins, triples and architectural shapes.
- Obscure and double-strength glass.
- Charcoal aluminum mesh screen.
- Sash limiter restricts sash opening for safety.
- Lifetime Glass Breakage Warranty.

COLOR  
Options\*\*

White

Almond



Scan this QR code to watch a video about our **Series 1300**

\* Screens are not meant to restrain a child from falling through an open window.

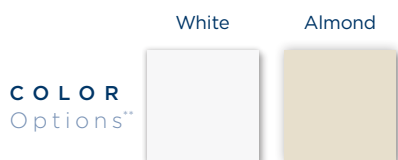
\*\* Printing process may affect color shown. Please refer to actual window sample when selecting colors.

# SERIES 1100

Series 1100 also available in 2- and 3-lite slider windows.

## DURABLE DESIGN. LASTING PERFORMANCE.

Loaded with features to ensure energy efficiency and ease of operation, Series 1100 windows offer the superior workmanship and proven reliability you've come to expect from Ellison at a price to fit any budget. Get affordable, attractive windows without giving up features like all-welded frames or Warm-Edge insulated glass technology.



### STRENGTH

- All-welded frame and sash corners.
- Block & tackle balance system.
- Aluminum-reinforced lock rail and meeting rails add strength.

### STABILITY

- Positive-action cam lock enhances safety (2 locks standard at 27 1/4").

### SAVINGS

- Factory applied wrap-around foam.
- Bottom sash tilts in for easy cleaning.
- Insulated glass panels with optimum thermal air space featuring Warm-Edge spacer system.
- Sloped sill reduces air infiltration and allows for easy water runoff.



Factory applied wrap-around foam

### STYLE

- Beveled exterior provides for an attractive appearance.
- Factory-installed half screen comes standard.\*
- Head expander and sill angle are included.
- Pre-drilled installation holes.
- Jamb depth: 2.624".
- Transferable Limited Lifetime Warranty.

## CUSTOM Options

- **Ultra Low-E / Argon Glass** (may be required for Energy Star rating).
- **Low-E Glass with Argon Gas** for additional efficiency.
- **Low-E Glass.**
- 5/8" or 3/4" flat, 5/8" or 1" contoured 5/8" contoured valance grids available.
- Custom sizes cut on 1/8" width and height.
- Factory mulling of twins and triples.
- Obscure and double-strength glass.
- Charcoal aluminum mesh screen.
- Lifetime Glass Breakage Warranty.

\* Screens are not meant to restrain a child from falling through an open window.

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

# SERIES COMPARISON

## STANDARD FEATURES

### On All Ellison Windows

- Virtually maintenance-free premium vinyl construction.
- Aluminum-reinforced, multi-cavity construction provides additional thermal performance and structural integrity.
- Sloped sill reduces air infiltration, allows easy water run-off.
- Warm-Edge insulated glass system.
- Individually registered product number.
- Dual-fin weather stripping reduces air filtration.
- Fusion-welded sashes and frames.
- Rubber bulb seal helps block outside air.
- White is standard.
- **Transferable, Limited Lifetime Warranty.**

FEATURE	1100	1300	1600	1800
<b>Construction</b>				
Integrated full-length slim-line lift rail	S	S	S	S
Block & tackle balance system	S			
Constant force coil balance system		S	S	S
InsulKor™ fiberglass-enriched polyurethane reinforcement				S
InsulKor multi-cavity foam-filled frame				O
Night ventilation latches		S	S	S
Sash limiter		O	O	O
Deluxe cam lock	S	S	S	S
Half screen*	S	S	S	O
Full screen*		O	O	S
Locking half-screen*				O
Charcoal aluminum mesh screen*	O	O	O	O
Silent Guard with noise control STC 34 performance				O
<b>Aesthetics</b>				
Interior wood laminate (Light Oak, Dark Oak, or Cherry)				O
Exterior Bronze laminate (White interior only)			O	
Exterior Hunter Green, Dark Chocolate, Terratone, Clay, Bronze, Brick Red, Gray or Tan painted colors (White interior only)				O
5/8" or 3/4" flat grid	O	O	O	O
5/8" or 1" contoured grid	O	O	O	O
5/8" or 3/4" diamond grid	O	O	O	O
5/8" contoured valance	O	O	O	O
1 1/8" simulated divided lite (SDL) grid				O
Almond, Dark Chocolate, Cherry, Brass or Brushed Nickel lock				O
<b>Glass</b>				
Low-E Glass	O	O	O	O
Low-E Glass with Argon Gas	O	O	S	S
Ultra Low-E Glass with Argon Gas	O	O	O	O
Triple-pane, R-5 compliant glass with Super Spacer® nXt™ sealant system				O
Beveled glass patterns				O
Leaded glass with brass coming				O
Obscure glass	O	O	O	O
Double-strength glass	O	O	O	O
<b>Warranties</b>				
Lifetime Glass Breakage Warranty	O	O	O	S
25-year Glass Breakage Warranty			S	

S = Standard O = Optional

\*Screens are not meant to restrain a child from falling through an open window.



Additional  
**STYLES**

## CASEMENT & AWNING Windows

Casement windows range in style from single-vent to 5-lite combinations of fixed and operating units. They open a full 90 degrees, which means the entire window surface can be easily cleaned from within your home. The low-profile handle provides a popular aesthetic appeal. Standard full screens\* come on all casement vents, mounted on the inside.

Awning windows are simple to crank, control fresh air flow and open to the outside, keeping the indoors dry even in rain. Each window comes with concealed hinges and operating hardware that ensure a smooth, clean look. A full screen\* is standard on all vented units.

Construction highlights of both windows include a beveled frame that encloses Warm-Edge insulated glass, fusion-welded frames and sashes that ensure greater strength and longer wear, and sealed corners that keep air and water out.

**Color options:** White, Almond

**Style options:** Interior wood laminate (Light Oak, Dark Oak or Cherry), Bronze exterior laminate and 8 painted exterior colors (on white windows only). See Series 1800 for color options.



# Additional STYLES

## SLIDER Windows

These practical horizontal windows are available in 2- and 3-lite styles. Solid vinyl frames glide smoothly, and sashes are removable for easy cleaning. Interlocking meeting rails ensure a snug fit. Virtually maintenance-free, our slider windows never need painting.

**Color options:** White, Almond

**Style options:** Bronze exterior laminate available on Series 1600. Interior wood laminate (Light Oak, Dark Oak or Cherry), and 8 painted exterior colors (on white windows only) available on Series 1800 only.



## GARDEN Windows

A 17 1/2" garden window depth provides a generous area for plants, picture frames or added room space. Garden windows also offer a variety of energy-efficient and maintenance-free features and a roof panel made from safety laminated glass for added protection.

These windows feature a hand-sanded 1 1/4" birch veneer surround and Warm-Edge insulated glass that delivers maximum thermal performance. Side casement vents have conveniently located handles for easy ventilation. A multi-point locking system and corrosion-resistant hardware enhance window security.

**Color options:** White, Almond

**Style options:** 5/8" Flat grid, premium quality oak hardwood surround and sill muffler.\*\*



## BAY & BOW Windows

Vinyl bay and bow windows enable you to create window seats, breakfast nooks and other options. You can choose from 3- to 5-lites, or select double hung or casement windows to flank a middle picture window. Flankers open to provide ventilation. Double hung flankers are standard. Casement flankers are optional.

Bay and bow windows arrive completely assembled and are simple to install and customize.

**Color options:** White, Almond

**Style options:** Bronze exterior laminate available on Series 1600. Interior wood laminate (Light Oak, Dark Oak or Cherry), and 8 painted exterior colors (on white windows only) available on Series 1800 and casements only.



\* Screens are not meant to restrain a child from falling through an open window.  
\*\* Additional options available.

# Additional STYLES



## HOPPER Windows

The all-welded Series 600 Basement Hopper Window is available in white with clear glass. The window is available in three stock sizes: 32" x 15 1/2", 32" x 19 1/2", 32" x 23 1/2".



## SPECIALTY Shapes

No matter your preference for window styling, Ellison can fulfill it — from classic looks, to sleek and modern lines, to architectural shapes, awnings, picture windows and more.

**Color options:** White, Almond

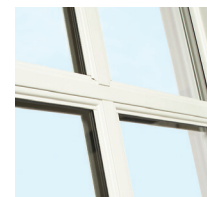
**Style options:** Bronze exterior laminate available on Series 1600. Interior wood laminate (Light Oak, Dark Oak or Cherry), and 8 painted exterior colors (on white windows only) available on Series 1800 only.



## GRID Options

Our between-the-panes and raised Simulated Divided Lite grid options provide the classic window appearance homeowners seek and make cleaning simple. Available patterns range from Colonial to Diamond to Prairie and enhance the cosmetic appeal of any home. Choose your pattern from these styles:

- 3/4" or 5/8" flat
- 5/8" or 1" contoured
- 1 1/8" Simulated Divided Lite (SDL) exterior grid (available only with certain series)



1 1/8" Simulated  
Divided  
Lite Grid

## SLIDING Doors

Ellison sliding doors offer you beauty and durability. Made from virgin vinyl compounded and extruded at our factory, our doors will never chip, peel, crack, rot or corrode. They are virtually maintenance-free — wiping clean in moments — and are available in a wide range of glass options and colors.

## MULTIPLE GLASS OPTIONS

### For Replacement Windows and Doors

With multiple glass options to increase energy efficiency, we have a glass package to fit any climate need or budget.

#### Low-E Glass

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

#### Low-E Glass with Argon Gas

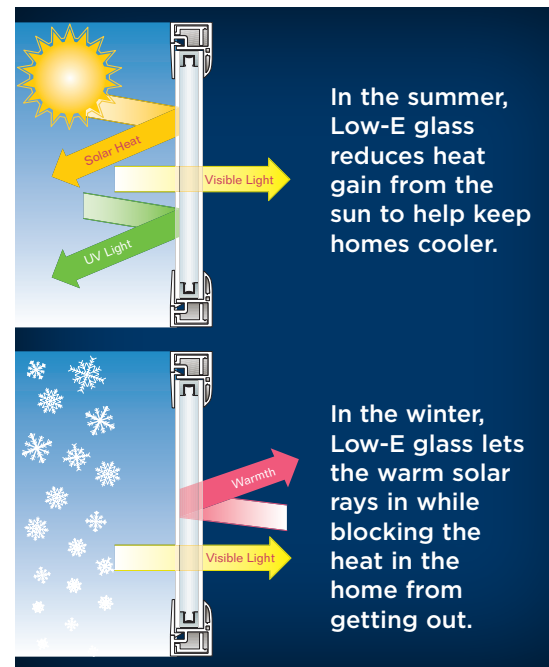
Argon gas works like an insulating blanket between two panes of glass to further improve thermal efficiency and decrease outside sound levels.

#### Ultra Low-E Glass with 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 with Super Spacer® nXt™ sealant system provides industry-leading thermal resistance, noise reduction and protection from the sun. The Series 1800 offers this option with both Low-E glass with argon gas or Ultra Low-E glass with argon gas, for the ultimate in insulation.



All Ellison Windows and Doors may be ordered to meet Energy Star requirements.

#### InsulKor™ Technology

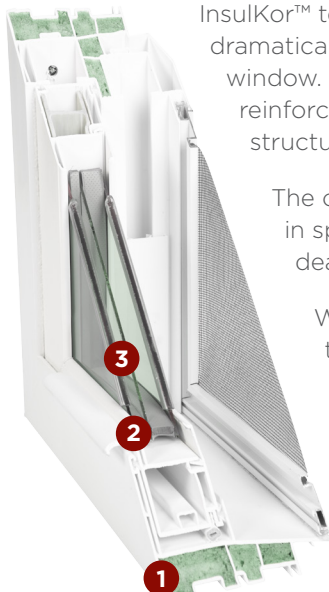
InsulKor™ technology is a system of sash and frame enhancements that dramatically improves the performance of the Series 1800 double hung window. Our exclusive InsulKor fiberglass-enriched polyurethane sash reinforcement yields better energy efficiency while maintaining the structural integrity of traditional metal reinforcement.

The optional InsulKor foam injections add thermal-enhancing insulation in specific hollows of the frame. The combination of foam-filled and dead air chambers optimizes each window's thermal properties.

When combined with our R-5 rated, triple-pane glazing systems, these InsulKor enhancements help make the Series 1800 one of the most energy efficient, strongest window systems available today.

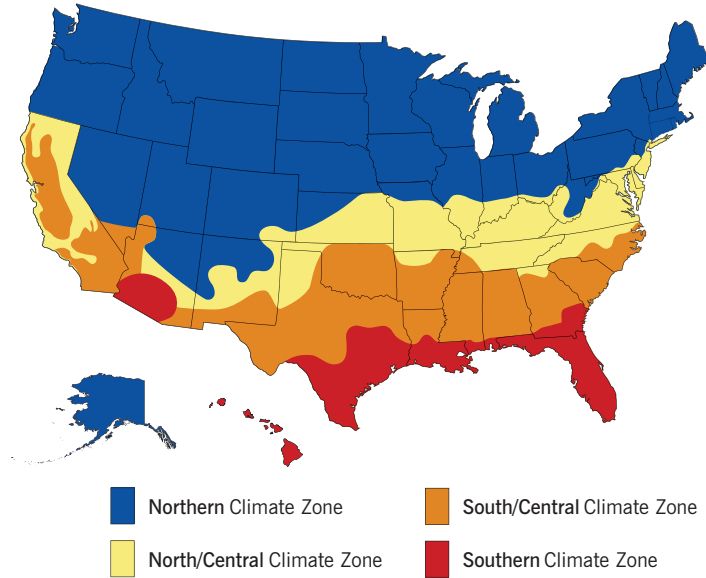
#### Advanced Series 1800 Features

1. Optional InsulKor multi-cavity foam-filled frame injections
2. Super Spacer nXt sealant system (standard with Series 1800 triple-pane glass options, and optional on Series 1800 double-pane windows)
3. Triple-pane, R-5 compliant glass



Exclusive InsulKor fiberglass-enriched polyurethane sash reinforcement

## Energy Star Climate Zone Map



### Criteria for Windows

Climate Zone	U-Factor	SHGC
Northern:	≤ 0.30	Any
	= 0.31	≥ 0.35
	= 0.32	≥ 0.40
North/Central:	≤ 0.32	≤ 0.40
South/Central:	≤ 0.35	≤ 0.30
Southern:	≤ 0.60	≤ 0.27

The Energy Star program for windows divides the country into four distinct climate zones to recognize the varying heating and cooling months among the states. For patio doors, there is only one U-Factor and one Solar Heat Gain Coefficient (SHGC) requirement for Energy Star compliance.

Please consult your home improvement or new construction professional for specific thermal properties that vary based on glass options and grid choices, and verify your window's actual performance to ensure Energy Star rating in your specific climate zone.

### Criteria for Patio Doors

Glazing Level	U-Factor	SHGC
> 1/2 Lite:	≤ 0.32	≤ 0.30

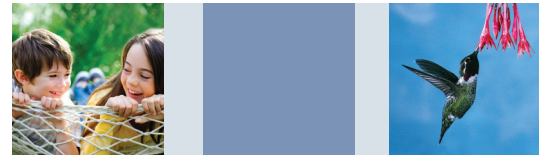


All Ellison products may be ordered to meet Energy Star requirements.

Note: Manufacturer reserves the right to substitute components as necessary.

[www.ellisonwindows.com](http://www.ellisonwindows.com)

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