



Confidently beautiful.
Absolute comfort.

Comfort
SMART

Comfort
SMART

Settle into comfort
that never disappoints.





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The Great Lakes® Window brand is a leading manufacturer of high-performance replacement and remodeling windows. With a past deeply rooted in forward thinking, we deliver quality products by working with well-known and respected dealers who are driven to bring homeowners the best windows on the market.

Our premium window and door products are individually hand crafted and custom made to specifically fit your home. We use state-of-the-art technology, modern equipment, and cutting-edge operational techniques to give you the best, high-performing windows in the industry. With proven expertise in vinyl and glass technology, we not only bring you better views, but also peace of mind that lasts long into the future.





Invite beauty and comfort to your home.

Your home is supposed to be the place you go to get away from it all. It's your escape to peace of mind. But when windows invite unwelcome guests like weather, leaks and noise into your sanctuary, stress and worry find their way in as well. ComfortSmart replacement windows and patio doors seal out all of these things. They bring beauty and peace to every room so that you feel safe and sound in a place that truly feels like home.

A beautiful design to rely on.

You won't get the full effect of a ComfortSmart window just by seeing its exterior. Look a little closer and you'll find many benefits inside the frame working together to create a perfectly comfortable home.

Benefits that endure.

For as long as you live in your home, we give your windows full protection with our Limited Lifetime Warranty*. Our warranty covers the frame, sash, glass seal failures, hardware, screens and more. Should you ever decide to move, it's transferable to the next homeowner.



*Restrictions apply; please see the ComfortSmart warranty for complete details.



SmartCore

Available as an option, our patented SmartCore insulation can be added to just the frame or to all primary frame and sash cavities. This high-density insulation provides a NFRC determined R-Value of 7.25* per inch of thickness. SmartCore insulation provides almost two times the insulating properties of typical fiberglass insulation, making ComfortSmart windows more efficient and your home more comfortable.

*7.25 hr ft² °F/BTU – Thermal Conductivity (k) Table B.1 (R-Value based on a thickness of 1")

Glass Solutions

Performance Glass Options

The sealed insulating glass is the heart and soul of this engineered window solution. You'll find a wide selection of options in both EnergyGuard and SmartGuard glass packages to meet your needs, bringing you beautiful views and a comfortable home year round.

Optimal Performing Spacer Systems

While the glass package is the heart and soul, the spacer system options provide the foundation for premium performance and structural integrity. Choose EnergyEdge, EnergyEdge+ or our maximum performing EnergyTek to create a window that makes your home more energy efficient.



EnergyTek Spacer

Fusion-Welded Frames

The frame and sash on ComfortSmart windows are 100% fusion welded for superior sealing against air and water infiltration. To ensure long-term performance, screws and mechanical fasteners are never used.



Extruded Screens

Extruded aluminum screens are removable from inside the home for easy cleaning. Available in half or full screens, Fiberglass Mesh is standard and Aluminum Mesh, Solar Block Screen, Optimal Viewing Screen and Pet Resistant Screen (patio doors only) are also available as an option.



Added Strength

RigidCore Fiberglass Reinforcement

ComfortSmart double hung and sliding windows feature optional RigidCore fiberglass reinforcement in the meeting rail, providing strength to keep your windows performing like new for years.



Locking System

ComfortSmart windows come standard with a flush-mounted cam lock and easy-to-use tilt latches. To create a more elegant look, choose EZLok, our all-in-one lock that secures and locks windows with one motion. When released, it allows the sash to easily tilt in for safe cleaning.



A more comfortable view.

If you're dealing with drafty windows, temporary solutions like sealants and weatherstripping won't keep your home comfortable for long. ComfortSmart windows will seal out unwanted cold and heat, saving you a bundle on heating and cooling costs. So while Mother Nature stays out, you stay safe and sound all year-round.

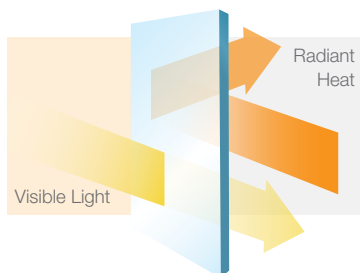
Highly efficient windows with high standards.

ComfortSmart windows are built to resist the heat and cold, offering four-season comfort. Need proof? We meet or exceed the current standards for ENERGY STAR® Version 6.0 requirements in all 50 states and can exceed requirements for the Northern Zone, by up to 48% with select glass packages.

Windows with a low U-Factor and a low Solar Heat Gain Coefficient rating help to provide comfort all year long. Below are four common ratings that are provided for windows certified by the National Fenestration Rating Council (NFRC), the American National Standards Institute (ANSI) and the American Architectural Manufacturers Association (AAMA). These are some of the same ratings that are used to certify products.

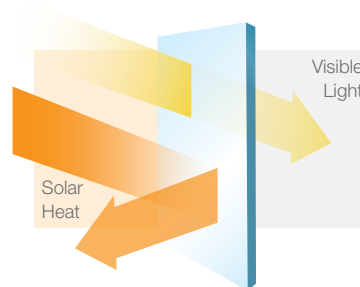
▶ U-Factor

A measure of the rate of heat flow through a window. The greater a window's resistance to heat flow the better its insulating properties. A lower U-Factor indicates a higher performing window that can help reduce heating and cooling costs.



▶ Solar Heat Gain Coefficient (SHGC)

The amount of solar radiation allowed to pass through a window. The lower the number, the less solar heat gain the window permits.



▶ Visible Light Transmittance (VT)

The measure of how much light passes through a window.

▶ Structural-Design Pressure (DP)

The amount of wind pressure a window will withstand when closed and locked.



A woman with short blonde hair is lying on a beige couch, smiling at the camera. She is wearing a light blue long-sleeved shirt and blue jeans. She is propped up on several pillows: a large beige corduroy pillow, a smaller beige corduroy pillow, and a large white pillow with a floral pattern. Her right hand is resting on her head, and her left hand is resting on the floral pillow. The background is a bright, out-of-focus interior space with light-colored walls and a window with sheer curtains. A teal-colored diagonal graphic element is in the bottom right corner.

Take comfort in
lower energy bills.



Confidently invite the
light into your home.

Keep interior colors bold and bright.

Letting in a little sunshine is great – until it fades everything inside your home. Our windows feature spectrally-selective Low-E coatings that let in the sun's light while reducing fading by partially reflecting damaging UV rays and acting as a sunscreen for furnishings and floors. The result is a more comfortable home year round.

Efficient Glass Design

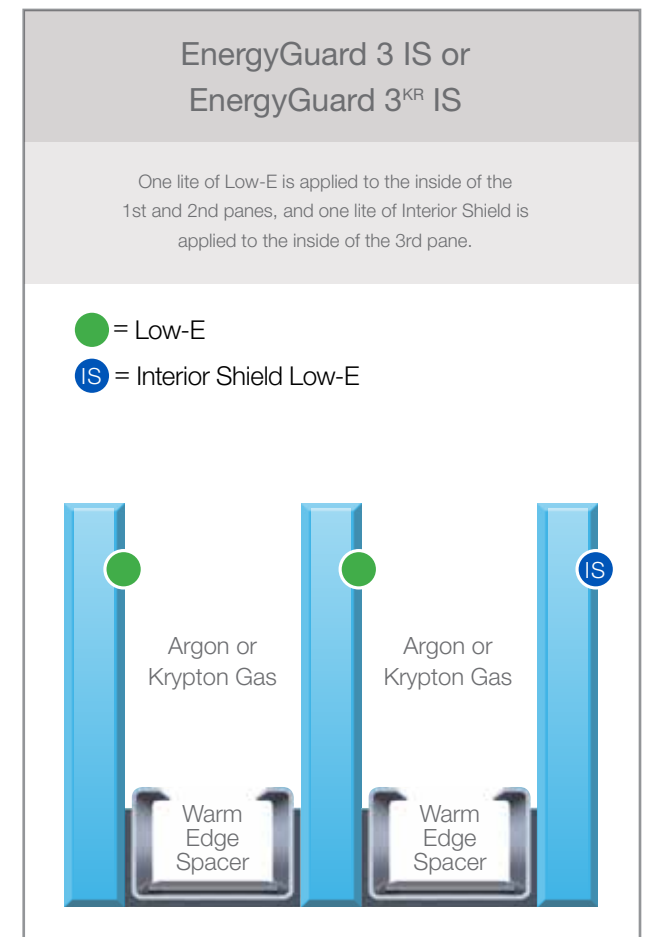
Double- or triple-pane glass units with our high-performance Low-E coatings make our windows more energy efficient. When we fill the air space between the panes with argon or krypton gas, our windows can reach up to nine times the insulation value of single-pane windows.

Low-E Options

With Low-E coating options, ComfortSmart windows work to your advantage throughout every season. If you live in a Northern climate zone, EnergyGuard glass systems can keep your home comfy and can help lower heating bills in the winter. How? By allowing some of the sun's heat energy to enter the home to provide passive and free home heating while reducing the heat that escapes from the home.

The same goes for keeping cool in the summer heat. Instead of blocking out the sun with dark drapes or blinds, our Low-E coatings block the sun's damaging rays and reflect heat, keeping your sunny rooms more comfortable. In fact, our glass insulation and Low-E coatings can help block the majority of the sun's damaging UV rays. This means more protection from fading for your furnishings, carpets and floors, and more comfort for you.

To find out more about our EnergyGuard and SmartGuard glass packages, and how you can maximize your energy performance, see page 29.



Volume control for the outdoors.

Traffic. Barking dogs. Booming nightlife. There are thousands of things that can interrupt the peace and quiet of your home. But with the right windows, you can help keep the noisy world outside.

Best in Sound Transmission Class (STC)

The most widely recognized measurement for sound control is STC. The higher the number, the more effective a window is at preventing outside noise from entering your home. While standard windows are rated at 26 or less, ComfortSmart sound control glass offers up to a STC rating of 33*. So if it's peace and quiet you're looking for, our windows deliver.

* STC rating is dependent on type of glass package specified.

4 Ways Our Insulating Glass Units (IGU) Block Out Noise:

Thicker Glass

Like a thick wall, thicker glass helps to reduce sound better than thin glass. You can upgrade the thickness of your glass on any of our glass packages to help reduce outside noise.

Asymmetrical Construction

Glass panels of different thicknesses in our IGUs block a greater range of sound waves than panels of the same thickness. One panel blocks low-frequency sounds and the other blocks high-frequency sounds.

Laminated Glass

Specifying laminated glass in ComfortSmart windows helps absorb sound waves to prevent sound traveling through the glass.

Wider Air Space

The air space between our glass panels also helps block sound. The wider the air space in an IGU, the better at reducing noise levels.

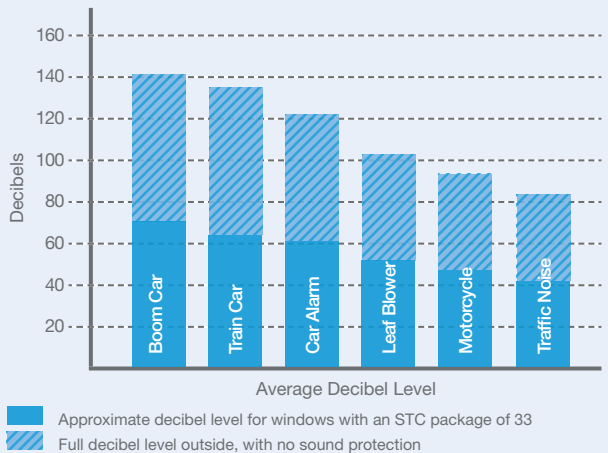
How much of a difference does a change in ratings make?

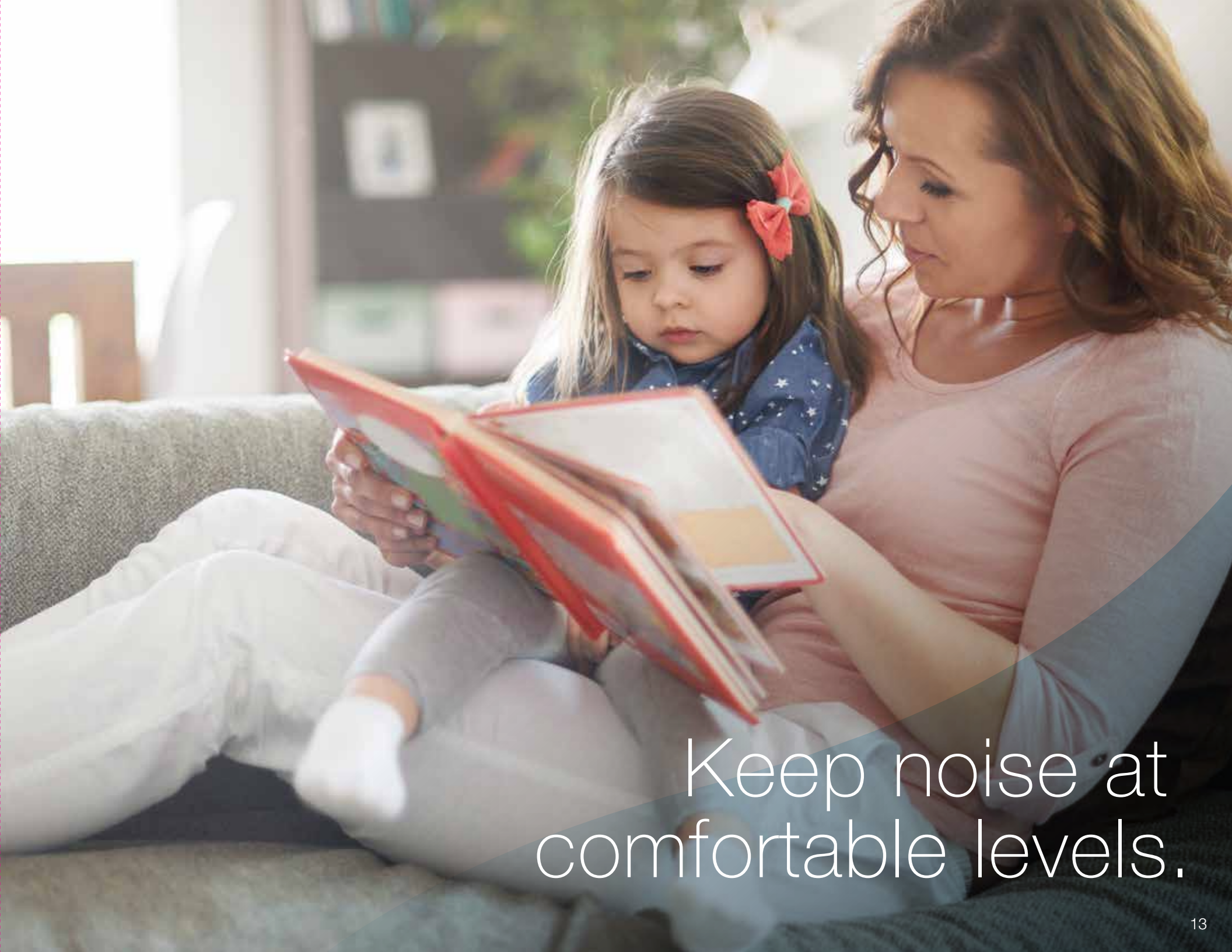
Higher STC ratings mean better sound control. A small change in the STC rating can make a big difference.

Change in STC Rating	Change in Apparent Loudness
+1	Almost imperceptible
+3	Just noticeable
+5	Clearly noticeable
+10	Reduces to half as loud

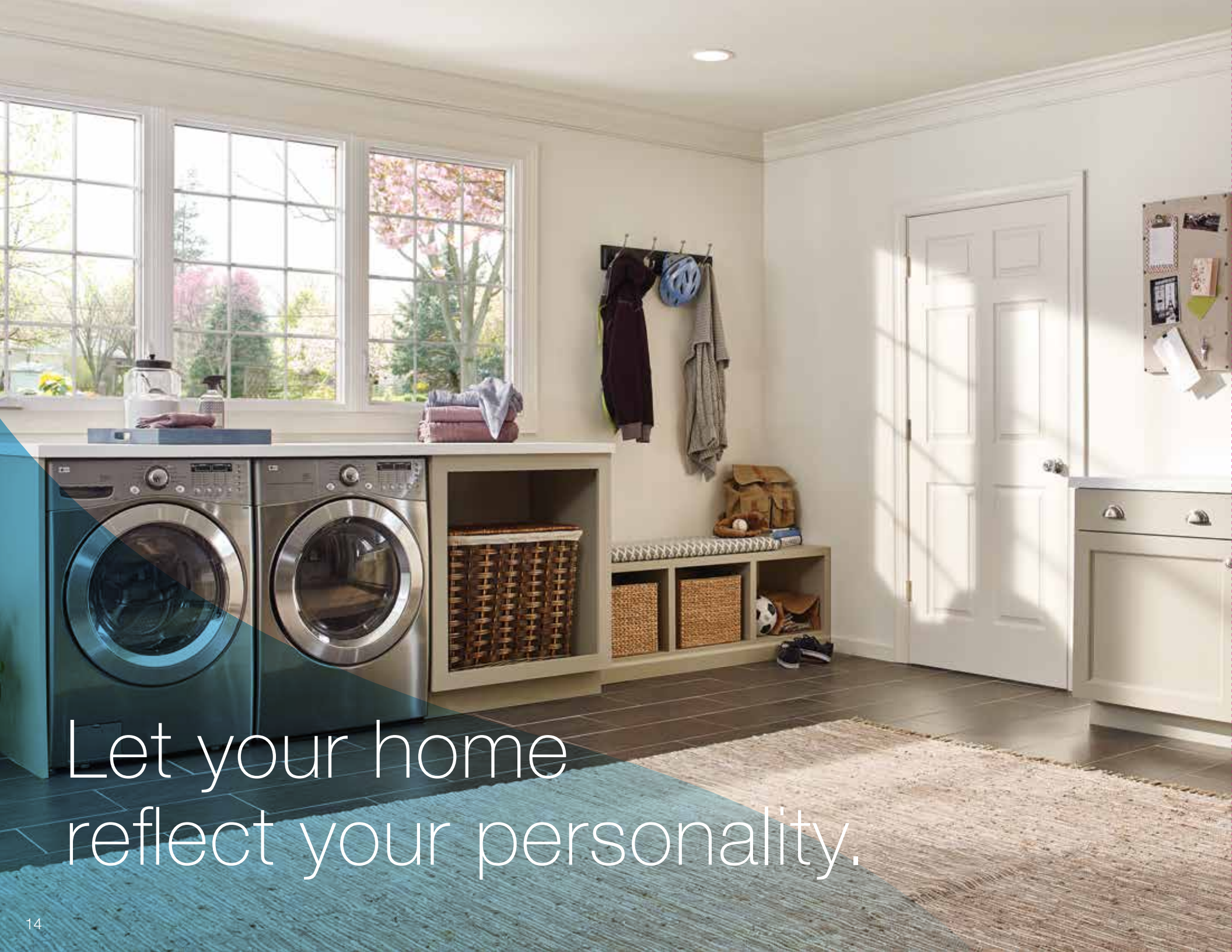
Noise Levels

A window with an STC rating of 33 can reduce exterior noise by over 40%, bringing many loud outdoor noises down to a comfortable level, which is typically rated around 60 decibels. A noise reduction of 10 decibels cuts noise levels in half.





Keep noise at
comfortable levels.



Let your home
reflect your personality.



Bring personality to every room.

Your home is a reflection of your unique style and personality. That's why we offer plenty of colors and window styles. Whatever your taste, you'll find a ComfortSmart window to match.

➤ Design with Style.

Replacing your existing windows and patio doors is more than an upgrade, it's your chance to let your personal style shine. Have double hung windows? Feel free to change them into distinctive shapes, bold picture windows or a combination. Create an impact by adding a transom over a sliding window. Or, give your living room a fresh look with a bay or bow window. Whatever you choose, we have a wide range of styles fit for your personality. Explore them on the following pages.

➤ Design with Color.

Nothing transforms your home like color. We offer a full spectrum of exterior colors to complement your home's exterior. Choose from our standard palette of vinyl colors or our signature palette of heat-reflective painted colors.

For more information on exterior and interior color options, see page 30.

See the variety of beautiful and inviting styles.

Double Hung Windows 16

Sliding Windows 18

Casement & Awning Windows 20

Picture & Shaped Windows 22

Sliding Patio Doors 24

Bay & Bow Windows 26

Garden Windows 27

Comfort
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Double Hung Windows

These windows are popular for multiple reasons. Why? Their Classic style, great performance and they're easy to use. They open at the top and bottom for better ventilation and airflow. Both top and bottom sash tilt in for effortless cleaning and the screens are removable from inside the home. But with ComfortSmart's added energy-efficient features, they're more than a popular choice; they're a smart investment.



Locking System

ComfortSmart windows come standard with a flush-mounted lock and easy-to-use tilt latches, or upgrade to die cast tilt latches. To create a more elegant look, choose EZLoK, our all-in-one lock that secures and locks windows with one motion. When released, it allows the sash to easily tilt in for safe cleaning.



Lock and die cast tilt latch shown in Satin Nickel.



SmartCore

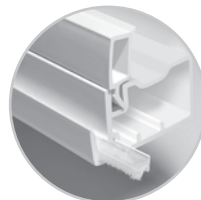
Available as an option, our patented SmartCore insulation can be added to just the frame or to all primary frame and sash cavities. This high-density insulation provides a NFRC determined R-Value of 7.25* per inch of thickness. SmartCore insulation provides almost two times the insulating properties of typical fiberglass insulation, making ComfortSmart windows more efficient and your home more comfortable.

*7.25 hr ft² °F/BTU – Thermal Conductivity (k) Table B.1 (R-Value based on a thickness of 1")



RigidCore

ComfortSmart double hung windows feature optional RigidCore fiberglass reinforcement at the meeting rails for unsurpassed strength and durability.



Weatherstripping

Weatherstripping on all primary frame and sash points provides a superior seal to keep your home comfortable year round.



Ventilation Limit Latches

For added security when windows are partially opened.



Child Safety Ventilation Latches

Child safety latches make it easy to control and limit a window opening to help prevent falls.



SmartCore

Available as an option, our patented SmartCore insulation can be added to just the frame or to all primary frame and sash cavities. This high-density insulation provides a NFRC determined R-Value of 7.25* per inch of thickness. SmartCore insulation provides almost two times the insulating properties of typical fiberglass insulation, making ComfortSmart windows more efficient and your home more comfortable.

*7.25 hr ft² °F/BTU – Thermal Conductivity (k) Table B.1 (R-Value based on a thickness of 1")



RigidCore

ComfortSmart sliding windows feature RigidCore fiberglass reinforcement at the meeting rails for unsurpassed strength and durability.



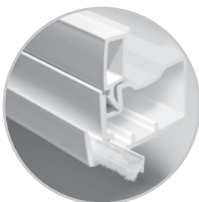
Pull Rails and Rollers

Pull rails are installed on left and right sides for ease of operation. Our heavy-duty roller system enables windows to glide open with ease.



Ventilation Limit Latches

For added security when windows are partially opened.



Weatherstripping

Weatherstripping on all primary frame and sash points provides a superior seal to keep your home comfortable year round.



Extruded Screens

Extruded aluminum screens are removable from inside the home for easy cleaning. Available in half or full screens, Fiberglass Mesh comes standard and Aluminum Mesh, Solar Block Screen, Optimal Viewing Screen are also available as an option.

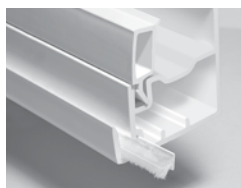


Sliding Windows

Beautifully frame a view or brighten up a room with our sliding windows. Both sashes horizontally slide open with a push of a finger and lift out for easy cleaning. With woodgrain options and decorative grille choices, you can give these windows an especially unique look.

Casement & Awning Windows

You won't find a better casement or awning window out there. These are excellent for views above kitchen sinks. They easily open outward and close tightly with folded operating handles that never interfere with shades or blinds. A great choice for contemporary and traditional homes alike.



Multi-Point Locking System

Our easy-to-reach multi-point locking system, with up to four points of locking per sash, provides unmatched performance and maximum security at the most critical points* using a single locking handle.

* Two, three or four multi-point locks come standard with all casement windows. The number of locks is dependent on the window height.



Handles and Locks

Both casement and awning windows come standard with unique folding nested operator handles and matching locks. Choose from multiple hardware finishes for a sleek look.

Weatherstripping

Continuous triple weatherstripping on each sash ensures a weather-tight seal to keep your home comfortable year round.



Awning Windows

Feel as safe as you do stylish with our awning replacement windows.

With multi-point locking mechanisms, these windows provide maximum security at critical points.

Basement Windows

Our basement, or hopper windows, open inward from the top to provide ventilation and natural light. A great way to make your basement more comfortable.





Fusion-Welded Frames

No matter the shape, our fusion-welded construction creates a solid, one-piece unit with no excess variance for long-term durability.



Glazing

For ultimate performance in cold climates, consider upgrading to triple-glazed units with Low-E and krypton.

Designer Glass



Star-beveled



Sheffield



Grand Traverse



Vermillion

Add thoughtful beauty and an elegant touch to your home with Designer glass. All of our handcrafted glass patterns are available in designs to match any architectural style. For even more personalization, you can customize your Designer glass with accent colors and coming to match the character and charm of your home. To find out more about our Designer glass options, see page 33.

Shaped Windows



Triangle



Pentagon



Full Round



Oval



Octagon



Triangle, Left or Right



Rectangle



Eyebrow



Elliptical



Clip Trapezoid, Left or Right



Quarter Circle



Half Circle



Arch Transom



Segmented Arch Transom



Trapezoid Transom, Left or Right



Extended Quarter Circle



True Radius



Extended Eyebrow

Picture & Shaped Windows

Like pictures on a wall, beautiful views deserve to be framed.

From rectangles to trapezoids, to custom radius designs, our picture windows come in a variety of shapes and sizes that enhance the personality of your home while providing superior energy efficiency.

For an extra touch of character, add gorgeous Designer glass.

Sliding Patio Doors

Our sliding patio doors open up a world of possibilities for your home. They glide open smoothly, a feature you'll appreciate when you're going in and out with your hands full — and close tight with a reassuring three-point locking system for total peace of mind.

Locking Systems

Choose from single, dual, or our unique three-point locking system. Add our optional footbolt for more security; it can lock even when the door is partially open.



Fiberglass Threshold

A heavy-duty fiberglass threshold with a stainless steel roller guide delivers superior strength, resists frost and condensation and makes operating a breeze.



Door Handle Finishes

Standard Handlesets

Upgraded Keyed
Lock Handlesets

Premium
Upgraded Handlesets



White

Beige

Bronze

Satin
Nickel

Bronze

Classic
Brass

Satin
Nickel

Oil-Rubbed
Bronze

Classic
Brass

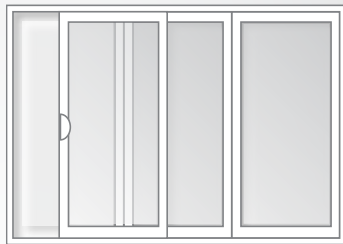
Color coordinate your interior and exterior patio door handlesets to match your décor inside and out. Ask your dealer for color choices.

Panel Configurations*

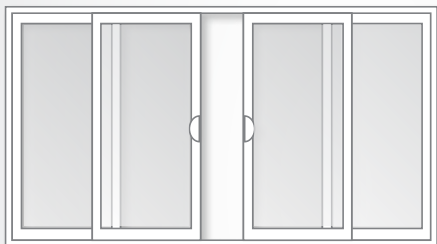
Both two- and three-panel widths are available with right-hand or left-hand operation. A transom window or sidelite can be added to any panel configuration.



Two panel widths: 5', 6', 8'



Three panel widths: 9', 12'



Four panel widths: 10', 12', 16'

Panel heights:
6'8", 6'10", 8'

**All widths and heights
are customizable.*

EuroGlide® Operating System

The optional EuroGlide operating system integrates two major innovations. The first is a handle engineered to literally lift the door panel off the sill when you rotate the handle. The second is a patented ball bearing roller system that enables a door weighing up to 550 pounds to glide smoothly open and close with just the push of a finger. A mere eight pounds of force is all it takes to operate compared to up to thirty pounds for a standard sliding door.



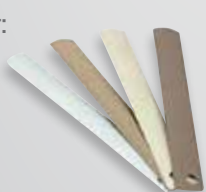
Moving the handle 180° actually lifts the door off the sill, enabling it to glide effortlessly.

Solar Blinds & Shades

Solar Blind Colors: Solar Shade Colors:

Interior:

White
Gold
Almond
Tan



Taupe
Almond
Charcoal



Exterior:

Reflective Silver for optimum performance

If you prefer shades over blinds, choose one of our popular colors of solar shades.

EuroGlide Hardware Finishes



Classic
Brass



Satin
Nickel



Oil-Rubbed
Bronze



Bay & Bow Windows

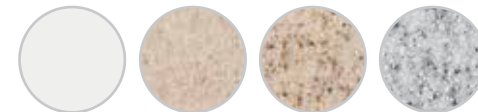
If you have a room with a view, why not expand it? It's a great way to let in more light while creating a personal retreat. Our bay and bow windows are available in a wide range of styles and are custom made for a perfect fit whether you're replacing a bay or bow window, or want to install one in a large window opening. Bay and bow windows can feature double hung, casement or fixed windows and are made with the same high-performance features of each of these window styles.



Seat Insulation

Our bay and bow seats feature a multi-layer construction which consists of two layers of structural support as well as a layer of 3/4" closed-cell insulating foam for premium insulation. The interior is finished with a birch veneer hardwood cap, or can be upgraded to oak. It's built so well it will become the favorite feature in your home.

Corian® Solid Surface Seat Options



Cameo White

Beach

Sandstone

Dusk

Interior Frame Head, Seat & Jamb Options



Birch*

Oak*

Golden Oak

Natural Oak

Colonial Cherry

Rosewood

* Bay and bow window head, seats and jambs are made with birch wood. Oak is an optional upgrade. Oak is standard on units wider than 120".

Garden Windows

Love growing herbs, flowers and plants in your home? Then put them somewhere they can thrive – in our garden windows. They let light in on all four sides while brightening your home. And they feature casement-style sidelites that let fresh air in and keep cold temperatures out. A perfect choice for homeowners with green thumbs.



Handles and Locks

Garden windows come standard with fold-away nesting handles and matching locks. Choose from multiple hardware finishes for a sleek look.



Corian® Solid Surface Seat Options



Cameo White Beach Sandstone Dusk

Interior Frame Head, Seat & Jamb Options

Laminated Interior Options Stained Head and Seat Options



White Beige Golden Oak Natural Oak Colonial Cherry Rosewood





Increase efficiency for maximum comfort.

ComfortSmart windows come standard with 7/8" insulated glass units. Opt for double- or triple-glazed glass systems with the added performance of EnergyGuard or SmartGuard and features like Easy-Clean® Glass.

Less cleaning with less effort.

We use a remarkable advancement called **Easy-Clean Glass**, which is available as an option on ComfortSmart windows. The ultra-thin and transparent coating completely adheres to the glass, protecting it from water and oil based stains. The result? Clearer views and easy cleaning.






energyGUARD

With one, two or three lites of Low-E and an insulating chamber of argon or krypton gas, our EnergyGuard glass systems keep your home comfortable in any season.

 EnergyGuard	Dual IG, one lite Low-E with argon	One lite of Low-E reflects radiant heat back into a room without blocking sunlight. Argon improves energy efficiency.
 EnergyGuard 2	Dual IG, two lites Low-E with argon	Two lites of Low-E reflect radiant heat back into a room without blocking sunlight. Argon improves energy efficiency.
 EnergyGuard 2 IS	Dual IG, one lite Low-E and one lite Interior Shield with argon	One lite of Low-E reflects radiant heat back into a room and Interior Shield Low-E keeps radiant heat from escaping the room. Argon improves energy efficiency.
 EnergyGuard 2^{KR}	Dual IG, two lites Low-E with krypton	Two lites of Low-E reflect radiant heat back into a room without blocking sunlight. Krypton offers superior insulating values year round.
 EnergyGuard 3	Triple IG, two lites Low-E, one lite clear with argon	Two lites of Low-E and one lite of clear reflect radiant heat back into a room without blocking sunlight. Triple pane glass creates a better insulated window. Argon improves energy efficiency.
 EnergyGuard 3^{KR}	Triple IG, two lites Low-E, one lite clear with krypton	Two lites of Low-E and one lite of clear reflect radiant heat back into a room without blocking sunlight. Triple pane glass provides a better insulated window. Krypton offers superior insulating values year round.
 EnergyGuard 3 IS	Triple IG, two lites Low-E, and one lite Interior Shield with argon	Two lites of Low-E reflect radiant heat back into a room without blocking sunlight. Triple pane glass provides a better insulated window. Interior Shield Low-E keeps radiant heat from escaping the room. Argon improves energy efficiency.
 EnergyGuard 3^{KR} IS	Triple IG, two lites Low-E, and one lite Interior Shield with krypton	Two lites of Low-E reflect radiant heat back into a room without blocking sunlight. Triple pane glass provides a better insulated window. Interior Shield Low-E keeps radiant heat from escaping the room. Krypton offers superior insulating values year round.

SMARTGUARD

SmartGuard glass blocks solar heat and harmful UV rays without darkening your view. Unlike some solar control glass that looks dark or tinted, SmartGuard provides a clear view inside and out.

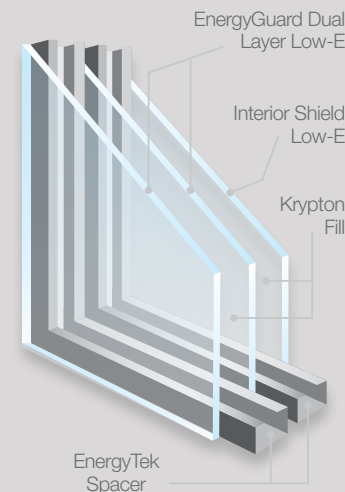
 SmartGuard	Dual IG, one lite Low-E with argon	One lite of solar Low-E blocks heat and keeps the room temperature comfortable. Argon improves energy efficiency.
 SmartGuard 2 IS	Dual IG, one lite Low-E and one lite Interior Shield with argon	One lite of solar Low-E blocks heat while Interior Shield Low-E keeps rooms comfortable year round. Argon improves energy efficiency.
 SmartGuard 2^{KR} IS	Dual IG, one lite Low-E and one lite Interior Shield with krypton	One lite of solar Low-E blocks heat while Interior Shield Low-E keeps rooms comfortable year round. Krypton offers superior insulating values.
 SmartGuard 3 IS	Triple IG, one lite Low-E, one lite clear, and one lite Interior Shield with argon	One lite of solar Low-E blocks heat while Interior Shield Low-E keeps rooms comfortable. Triple pane glass provides a better insulated window. Argon improves energy efficiency.
 SmartGuard 3^{KR} IS	Triple IG, one lite Low-E, one lite clear, one lite Interior Shield with krypton	One lite of solar Low-E blocks heat while Interior Shield Low-E keeps rooms comfortable. Triple pane glass provides a better insulated window. Krypton offers superior insulating values year round.

Top Performing Glass Packages

Based on double hung window configuration

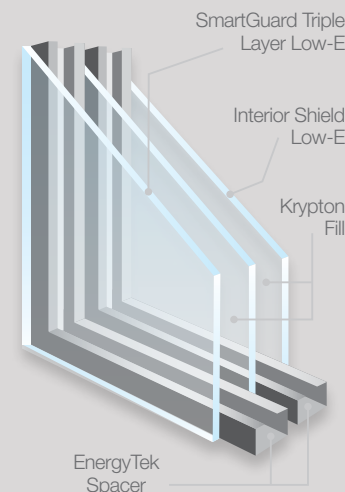
➤ EnergyGuard 3^{KR} IS

0.14 (U-Value) 0.21 (SHGC)



➤ SmartGuard 3^{KR} IS

0.17 (U-Value) 0.18 (SHGC)



Standard Palette
(Extruded or Integral Co-Extruded)

Signature Palette
(Heat Reflective Paint)

Exterior Colors

White

Beige

Sandstone

Earthtone

Dark Bronze

Royal Brown

Evergreen

Black

Shark Skin

Interior Colors

White

Beige

Golden Oak

Natural Oak

Colonial Cherry

Rosewood

Standard Hardware Finish
White

Standard Hardware Finish
Beige

Standard Hardware Finish
Pontiac Gold

Standard Hardware Finish
Earthtone

Standard Hardware Finish
Earthtone

Standard Hardware Finish
Earthtone

White						
Beige						
Sandstone						
Earthtone						
Dark Bronze						
Royal Brown						
Evergreen						
Black						
Shark Skin						

Optional Hardware Finish available with all windows

Classic Brass

Satin Nickel

Bronze

Exterior painted colors are available in Euro or Satin finish.

EURO

SATIN

Black is available in Euro only, Shark Skin is available in Satin only.

Colors are reproduced as accurately as printer technology allows. Please see your authorized Great Lakes Window dealer for actual samples.

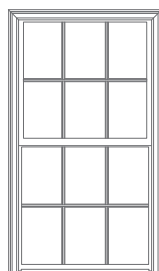


Add color to your beautiful views.

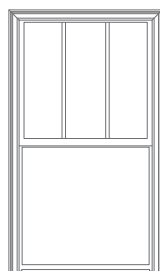
Keep your windows looking new with a wide range of exterior colors. Our extruded and integral co-extruded colors offer outstanding color retention and durability. Or if you prefer bolder shades — opt for our Signature paint colors. Our specially formulated paint is warranted for 10 years against chipping, peeling, blistering and fading. Both our extruded and painted options are a great addition to contemporary and traditional homes alike.

Grille Styles

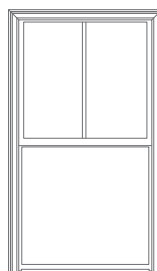
Whatever shape or style you choose, our grille patterns fit windows perfectly. If you love the classic-appeal of divided lites, keep them especially energy efficient and easy to clean with grilles between the glass. Or opt for simulated divided lites (SDL) with shadow bar for an authentic looking true divided lite. All of our windows with grilles meet with ENERGY STAR® Version 6.0 requirements.



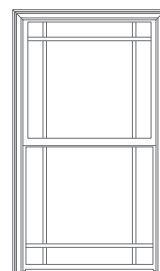
Colonial



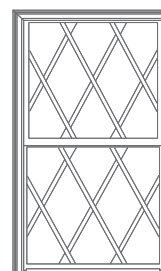
Three over One



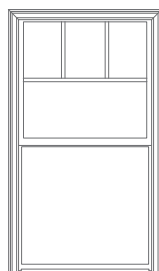
Two over One



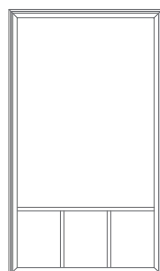
Perimeter Prairie



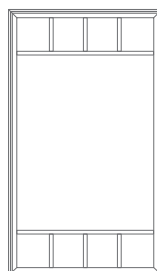
Diamond
(Available in Classic grilles only)



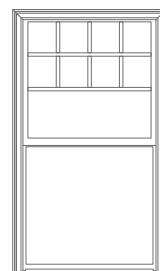
Plaza
Three over One



Plaza
One over Three



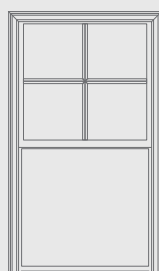
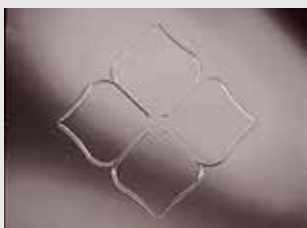
Plaza
Four over Four



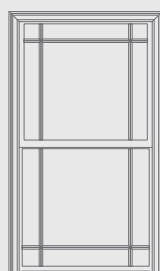
Plaza
Eight over One

Regal V-Groove

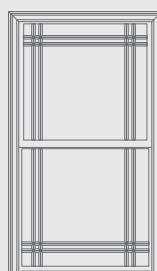
Our V-grooved glass options create an elegant and distinctive look that simulates the look of fine cut crystal.



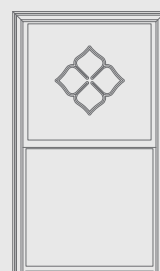
Regal
Half Colonial



Regal
Perimeter



Regal
Perimeter Prairie



Regal
Florentine



Regal
Florentine Elongated

Grille Types

Grilles Between Glass

ComfortSmart windows are available with 5/8" Classic, 11/16" Williamsburg and 1-1/16" Georgian.



5/8" Classic



11/16" Williamsburg



1-1/16" Georgian



Simulated Divided Lite

ComfortSmart windows are available with 7/8" Simulated Divided Lites with shadow bar.



7/8" Simulated
Divided Lite

Trim Accessories

Our windows are available with matching trim and jamb extensions. We use the same color process for both trim and windows so you're guaranteed a perfect match.



Jamb Extensions



Quarter Round



Colonial Stop



Colonial Casing

Available in:

Primed Pine

Clear Pine

Cellular PVC

InfiniTrim Interior Moulding:

- Interior moulding in Golden Oak, Natural Oak, Colonial Cherry and Rosewood

Designer Glass

Add a decorative sparkle to your high-performing glass. Ask your Great Lakes Windows dealer for the full offering.



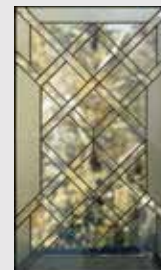
Star-beveled



Ceylon



La Parisienne



Charlevoix



Bratenahl



Sheffield



Vermillion



Manistique



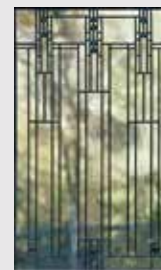
Tiered Monastery



Aurora



Grand Traverse



Grand Marais

Caming Options



Brass

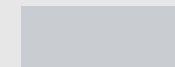


Pewtertone (Patina)



Zinc

Glass Color Options



Mist Grey



Deep Lavender



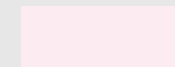
Sunrise Orange



Aqua Marine



Lapis Blue



Champagne Pink



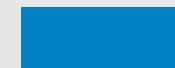
Ruby Red



Sunflower Yellow



Emerald Green



Royal Blue

Exceeding the standards.



To ensure the performance of ComfortSmart windows, they've been tested and certified to meet the strict standards of excellence in the residential window and door industry as defined and set by the Window & Door Manufacturers Association (WDMA) and the American Architectural Manufacturers Association (AAMA). We are also accredited by the American National Standards Institute (ANSI) and the National Fenestration Rating Council (NFRC), a non-profit organization that provides energy performance ratings and determines fenestration code compliance, also certifies us.

Our stringent testing is accredited by the National Accreditation and Management Institute (NAMI), an independent certification, inspection and quality assurance service provided to the building products industry.

Certified to AAMA / WDMA / CSA 101 / I.S.2 / A440



We're also proud to be an ENERGY STAR® Partner. That means our windows meet the strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. The result? Windows that help the environment as well as reduce your energy bills.





Great Lakes® Window products made close to home.

We've crossed oceans and have spent decades developing the highest-quality replacement windows homeowners can find. Our attention to quality started in 1981 when the founders of the Great Lakes Window brand discovered a popular window technique used in Europe. They quickly brought it to their home in Toledo, Ohio. We continue to develop many more innovative product lines, including ComfortSmart windows.

Almost ten million vinyl replacement windows and doors later, our standards are as high as ever. We continue to introduce new products, add new options and provide more support to homeowners, coast to coast. In fact, we believe our products are only as good as the people who sell, design and make them, so we work with the best home improvement professionals to bring ComfortSmart to your home. That's why Great Lakes Window products stand out among the competition.

Our premium products are made using state-of-the-art technology, modern equipment and cutting edge operational techniques. The strength of our parent company, Ply Gem, with over 70 years in the building products industry, provides the opportunity for the Great Lakes Window brand to bring more innovative solutions in design, performance and function that go above and beyond your expectations in replacement windows and patio doors.



GREAT LAKES® WINDOW | 30499 Tracy Road | Walbridge, OH 43465 | 844.247.6226 | www.GreatLakesWindow.com

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