

Western Window Systems

2024





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Using this guide

Throughout these pages you'll find quick links (QR codes) that allow you to find the most up-to-date and in-depth product information on our website. Many of our website product pages offer CAD links, installation instructions, product data sheets, and more.

We've added color codes and iconography to this guide to differentiate our product lines and highlight features and information.

- Performance Line
- Classic Line
- Vinyl Line





Design Better

Build Better

Live Better

Enjoying the benefits of a home that brings the indoors and outdoors together. Designing with the kind of customization that ensures your vision comes to life. Building a project that differentiates and adds value for homebuyers. These are reasons enough to choose Western Window Systems. But they're really just the beginning of how our large sliding and folding glass doors and windows can meet your needs beautifully, time after time.



Originality in Every Project

Whatever your taste in home styles or building designs, you'll find limitless expression with Western Window Systems. Choose a sliding glass door that neatly tucks away into a pocket, a folding door that creates a grand entrance from corner to corner, or a window wall that impresses with its expansiveness. Further customize your door with sill options, handles, and finishes. Given the infinite ways Western Window Systems products let you express your originality, it's no wonder they are an architectural element in so many projects.





Built and Tested to Last

Western Window Systems products are designed to withstand not only the elements but also the test of time. Strong and durable, they undergo rigorous testing before getting certified by the National Fenestration Rating Council (NFRC) and the Fenestration and Glazing Industry Alliance (FGIA) for use in the United States and Canada.

Designed for Indoor-Outdoor Living

Expanding living spaces. Connecting to nature. Western Window Systems' moving glass walls and windows are designed to seamlessly merge the indoors and the outdoors. They transform space by expanding living areas, maximizing views, and letting in natural light and fresh air. The result: a new kind of gathering space that lets you entertain, relax, and live better than ever.



About Western Window Systems

Founded in 1959, Western Window Systems, part of the PGT Innovations family, has grown into a leading manufacturer of moving glass walls and windows that bring indoor and outdoor spaces together. Inspired by contemporary living, our high-quality products are available in custom sizes, standardized sets, and massive dimensions for unlimited design possibilities in residential, multi-family, and commercial projects. From superior craftsmanship and timeless design to exceptional customer service, Western Window Systems is a preferred choice of architects, builders, and homeowners throughout North America.



Our Vision Fuels Our Passion

Helping people live, design, and build better through moving glass walls and windows that blend the indoors with the outside.



What We Stand For

Excellence

We don't settle for anything less than the best. In every aspect of our business, we strive to excel through approaching every challenge with courage, honesty, and a determination to succeed. We take pride in what we do and work together to achieve outstanding results.

Innovation

By challenging stereotypes and existing norms, we create unique products and solutions that delight our customers. We promote collaboration across teams and with our external partners, which allows us to innovate in ways others cannot.

Partnership

We believe in treating others the way we wish to be treated. By being respectful of our coworkers, customers, suppliers, and community, we maintain a high level of professionalism and encourage openness to new ideas. We believe in giving back whenever we can and strive to make the world a better place by reducing our ecological footprint.



Energy Efficiency and Sustainability

At Western Window Systems, our dedication to high-quality doors and windows extends to energy efficiency and sustainability. From seals that help control moisture and minimize air leakage to dual-paned, low-E glass that reduces heating and cooling costs, every Western Window Systems product is designed with energy efficiency in mind. Our products are made with aluminum, a highly recyclable material. We recycle our scrap aluminum as well as other materials such as vinyl, cardboard, and paper. And because we build them to last, they stay out of landfills longer. Best of all, because our products are completely customizable, you can select or combine options that meet your projects' performance requirements.



About Our Product Lines

The ability of our door and window systems to seamlessly blend into their surroundings when open or closed is what makes them so unique. The perfect combination of beauty, performance, and durability, our door and window systems are available in a large spectrum of configurations and styles, offering unlimited design possibilities.



The Classic Line

Western Window Systems' Classic Line of aluminum moving glass walls and windows combines exceptional capability with ease of use and versatility. With a narrow profile, stainless-steel rolling hardware, and non-thermally or thermally broken aluminum for energy performance, no wonder it's been the choice of builders for over three decades.

The Performance Line

Built into every Western Window Systems moving glass wall and window is the belief that your design ideas and preferences, not energy or structural limitations, should determine the look of your project. With greater energy efficiency, strength, and taller and wider sizes, it's a product family created to let you push the limits of what is possible.





About Our Product Lines

The Simulated Steel Line

Western Window Systems’ Simulated Steel Line, part of the Performance Line, was built with a single purpose: to enable professionals to incorporate the look of steel moving glass doors and windows into their most demanding projects without constraint. It’s designed and engineered for large panel sizes and exceptional performance, and presents virtually unlimited possibilities for customization. The results are aluminum moving glass doors and windows that combine the look of real steel with the superior performance of aluminum, bringing a new level of efficiency to every project.



The Vinyl Line

When you want the best of indoor-outdoor living, but need an economical solution, Western Window Systems’ Vinyl Line offers multi-slide and sliding glass doors expertly engineered for smooth operation, easy installation, and a clean, modern design.



Which option is right for you? Compare energy efficiency factors to find the right product for your project.

Classic Line			Performance Line		E366 with Argon				E366/i89 with Argon			
Series		Product Type	U-factor		SHGC		U-factor		SHGC			
600	7630	Window Wall	.35	.29	.24	.24	.30	.26	.24	.24		
600	7600	Multi-Slide Door	.39	.31	.23	.22	.35	.27	.22	.21		
600	7600	Multi-Slide Window	.39	.30	.23	.22	.35	.26	.22	.21		
600	7650	Sliding Door	.39	.31	.23	.22	.35	.27	.22	.21		
600	7650	Sliding Window	.39	.30	.23	.22	.35	.28	.22	.21		
900	7900	Hinged Door	.58	.31	.18	.17	.55	.28	.18	.17		
980	7980	Pivot Door	.68	.30	.18	.17	.65	.27	.18	.17		
9550	7950	Folding D&W (Head load)	.35	.30	.20	.20	.31	.27	.20	.19		
9550	n/a	Folding D&W (Bottom load)	.34	n/a	.20	n/a	.30	n/a	.20	n/a		
Hinged Windows	670	7670	Casement	.51	.35	.19	.19	.48	.32	.19	.19	
	670	7660	Awning	.50	.36	.19	.19	.47	.33	.19	.19	
	670	7680	Hopper	.51	.37	.19	.19	.49	.34	.18	.19	
	670	7675	Fixed Window	.36	.29	.24	.23	.32	.25	.24	.23	
Sliding Windows	670	7660	Sash Set	.50	.32	.19	.22	.47	.28	.19	.22	
	610	7610	Single Hung Window	.50	.35	.21	.21	.46	.31	.20	.20	
	620	n/a	Fixed Window	.40	n/a	.22	n/a	.36	n/a	.22	n/a	
	620	7620	Sliding Window	.47	.35	.22	.21	.43	.31	.21	.21	

Vinyl Line			E366 with Argon		E366/i89 with Argon	
Series	Product Type		U-factor	SHGC	U-factor	SHGC
3700	Vinyl Multi-Slide Door		.29	.22	.25	.22
3700	Vinyl Sliding Door		.29	.22	.25	.22

CAD Details

Find the most up-to-date details and renderings of our products on our CAD Details site



Doors

Whether it's a traditional hinged door or a dramatic bi-fold, doors do more than provide passage between spaces. The right door creates a welcoming entry, frames a great view, or erases the boundary between indoors and out. With styles and functionality that adapt to your needs, our doors can open up new possibilities.

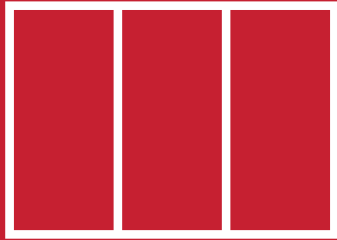
 Multi-Slide Doors

 Sliding Glass Doors

 Bi-Fold Doors

 Hinged Doors

 Pivot Doors



Multi-Slide Doors

With unobstructed rolling glass panels that stack or slide into pockets for extra-wide openings that eliminate the barrier between indoors and outdoors, Western Window Systems' multi-slide doors are packed with features that let you take any project to the next level. Their wide panels, modern details, smooth operation, and multiple sill height options blend easily into nearly any space. And with panels that can go taller and wider than you might expect, your indoor-outdoor living ideas can be larger than life.





Multi-Slide Doors



Configurations

Offering some of the biggest sizes of any brand, our multi-slide doors are available in pocketing, non-pocketing, bi-parting, 90-degree configurations, and more. For complete flexibility, you can design your door to go around curves, bypass obstacles, and fit a variety of shapes.



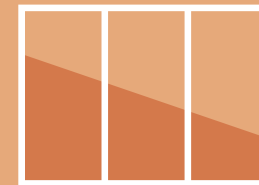
Operation

Featuring an interlocking track design and sealed, stainless-steel ball bearing rollers, Western Window Systems' multi-slide doors are engineered for smooth operation. Rolling hardware includes two options for each line to meet the weight requirements of your panel.

The Door That's a Window, Too

Featuring the same rolling glass panels as our multi-slide door, the multi-slide window is a head-turning alternative to a standard opening. Perfect for large, long areas where people congregate, these moving walls of glass frame beautiful views and let in loads of fresh air and natural light.





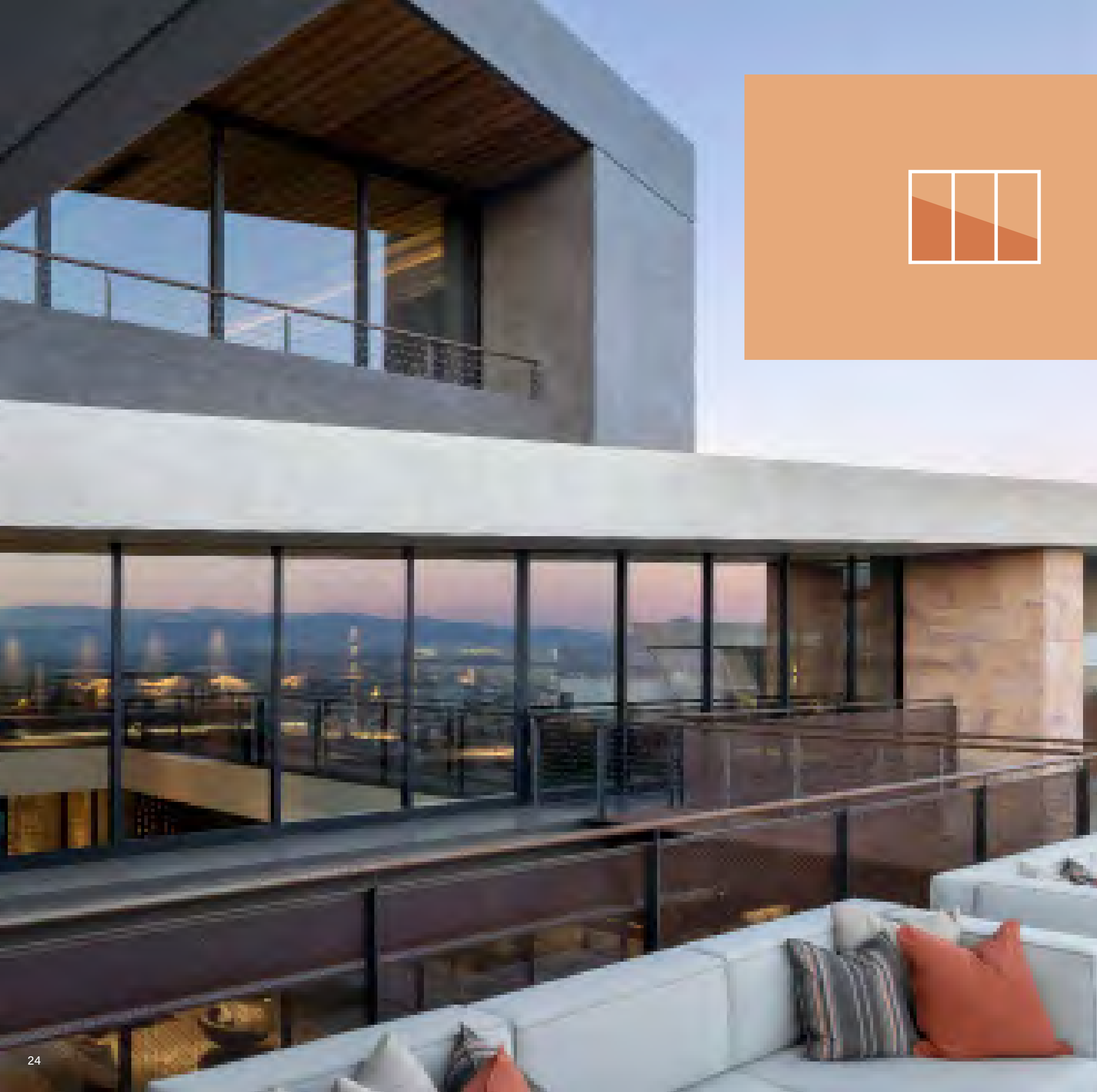
Classic Line: Series 300 Minimalist Multi-Slide Door

Dramatic views with expanded glass. The **Series 300 Minimalist Multi-Slide Door** offers the same smooth operation and hardware options as our Classic Line doors, but innovative narrow interlocks provide a minimalist aesthetic with maximum natural light. Large panel sizes, fine lines, and energy efficient low-E, dual-paned glass offer a beautiful new way to minimize the boundaries between indoors and outdoors.

- Narrow 1.125" sightlines at interlocks
- Panels up to 12 feet tall (maximum 70 square feet)
- Premium hardware and rollers
- Concealed locking system
- Expansive opening sizes
- Thin bottom rail for expanded sightlines
- Pocketing option available with a two-piece snap-on interlock

[Learn more](#)

Series 300 Minimalist Multi-Slide Door



Classic Line: Series 600 Multi-Slide Door

Western Window Systems' **Series 600 Multi-Slide Door** is packed with features that let you take any project to the next level. Its wide panels, modern details, smooth operation, and multiple sill height options blend easily into nearly any space. And with panels up to 12 feet tall (maximum 70 square feet), your indoor-outdoor living ideas can be larger than life.

- Expansive opening sizes
- 2.55" sightlines at interlocks
- Multiple sill height options
- Premium hardware and roller options
- Concealed locking system
- Heavy-duty hardware
- Low maintenance
- Completely customizable
- Thermally or non-thermally broken aluminum

[Learn more](#)

Series 600 Multi-Slide Door



Multi-Slide Doors

Series 600



The Series 600 Multi-Slide Door offers a vast range of configuration options like stacking, pocketing, bi-parting, and 90-degree, easily customized to your functional and aesthetic preferences.



Clark Richardson Architects made the views the focal point of this dramatic and bright remodel in Texas.





Performance Line: Series 7600 Multi-Slide Door

Western Window Systems' **Series 7600 Multi-Slide Door** is packed with innovations that address energy and structural requirements. The U-values are industry leading. The opening sizes extreme. And the sightlines narrow. The result is a moving glass wall that brings exceptional performance to a contemporary aesthetic, allowing you virtually unlimited possibilities for customization.

- Extreme opening sizes
- Industry-leading U-values
- 2.9" sightlines at interlocks
- Multiple sill height options
- Low-E glass, dual-paned or triple-paned
- DP rating of up to 50, FGIA certified
- Premium hardware and roller options
- Concealed locking system
- Max panel height: 15' (in most markets)

[Learn more](#)

Series 7600 Multi-Slide Door



Multi-Slide Doors

Series 7600



Offering some of the biggest sizes of any brand, the Series 7600 Multi-Slide Door is available in pocketing, non-pocketing, bi-parting, and 90-degree configurations.



Built for performance, the Series 7600 Multi-Slide Door pushes the boundaries of efficiency and strength. It's even designed with California's rigorous Title 24 requirements in mind.





Multi-Slide Doors

Flush Mounted Handle

Premium Handle

Contemporary Handle



All handles feature a minimal design, the option of a keyed lock that allows the door to be unlocked from the exterior, and are available in brushed nickel or black finishes. The Premium and Contemporary handles include a comfortable grip, while the narrow design of the Flush Mounted Handle allows panels to easily slide past each other into a pocket.



Concealed Locking System

A hidden stainless-steel, multi-point lock secures the panels providing additional strength and protection.



Rolling Hardware

- The Classic Line Series 600 offers a standard 1.81" size and the 3" Monster Roller, capable of handling more than twice the weight of the largest panel.
- The Classic Line Series 300 Minimalist smoothly operates on a 1.5" tandem roller.
- The Performance Line 7600 offers a 1.81" tandem roller and a 1.81" Quadzilla roller option, which offers reduced resistance and smooth operation.

Thinline Sill

Ideal for projects where a continuation of flooring from the indoors to the outdoors needs to appear virtually seamless. Staggered tracks expose a slim channel on which the panels roll, with the finished floor installed between them.



Flush Sill

When ease of entry is more important than performance against the elements, our flush sill is the perfect choice. With an interior and exterior sill height of just 0.75", it lines up with most interior flooring for a smooth transition to the outside. Weep holes in the track allow water to drain away from the door while the back leg of each sliding panel keeps out dust and debris.



Water Barrier Sill

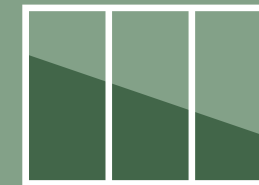
A weep system and an interior leg available in different pressure ratings and sizes (1.5", 2", and 2.6" for various performance requirements) helps safeguard against water intrusion. For additional protection, the legs of each sliding panel penetrates the track to keep out dust and debris.



Water Management Sill

For seamless flow from inside to outside, our new water management sill offers a level floor finish with an internal drainage system, for a flush look with optimized water performance. Like our Thin Line Sill, the Water Management Sill will allow for continuous flooring installation between the tracks, for a cohesive appearance and improved accessibility while maintaining water control within the system.





Vinyl Line: Series 3700 Multi-Slide Door

The **Series 3700 Vinyl Multi-Slide Door** is not only our most economical solution for indoor-outdoor living, but it also boasts several key features that make it stand out from other options on the market. While narrow sightlines and wide glass panels offer a sleek, modern aesthetic, the door has been designed for optimized installation and the ease of operation Western Window Systems is known for. With the value and efficiency of vinyl, it's a low-maintenance alternative that brings style and flexibility to your design.

- Clean design with narrow sightlines and wide glass panels
- AAMA- and NFRC-tested and certified
- Integrated weep system with 1.5" sill height
- Low-E, dual-paned, argon-filled glass from Cardinal IG
- A .29 U-factor for energy efficiency

[Learn more](#)

Series 3700 Vinyl Multi-Slide Door



Flush Mounted Handle

The narrow design of the Series 3700's flush-mounted handle allows panels to easily slide past each other.



C-Pull Handle

The standard handle is color matched to the frame.

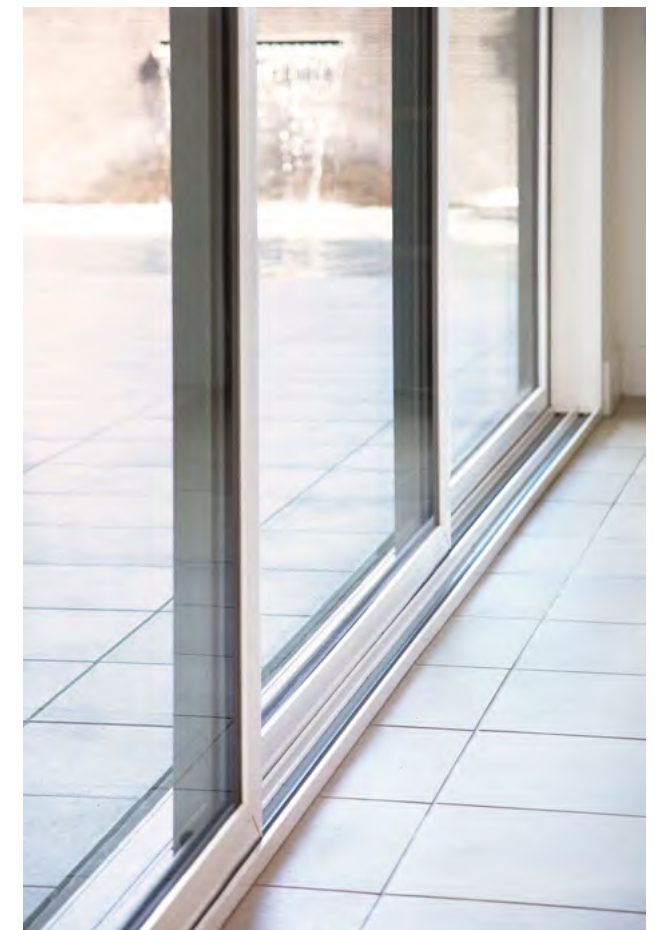


The Series 3700 Multi-Slide Door is available in a variety of configurations, including bi-parting, corner, and pocketing.



Standard Sill

A "floating" sill track insert gives the Series 3700 Vinyl Multi-Slide Door superior rolling performance, making it highly adaptable to a variety of flooring substrate conditions. Includes an integrated weep system.



Toll Brother's Sterling Grove Community seamlessly integrates design and nature through functional glass walls.



Sliding Glass Doors

Built to last, our sliding glass door fits in easily with the way you live. Wide glass panels create an effortless transition between just about any space. The next-generation patio door is available in sizes that are taller and wider than you might expect, with customizable options to fit your tastes and home design.





Sliding Glass Doors



Design

Large, unobstructed rolling glass panels maximize natural daylight and views. Slender lines enable a contemporary aesthetic that seamlessly blends into nearly any space. So, no matter how it's designed into your project, it provides a more natural viewing experience.

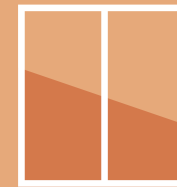
Operation

Designed with an interlocking track and sealed, stainless-steel ball bearing rollers that bring structural integrity and ease of operation to Western Window Systems' sliding doors.

Configurations

In addition to the standard configuration, sliding glass doors can be paired in a symmetrical bi-parting configuration or mulled to fixed windows to fit the needs of the space.





Classic Line: Series 600 Sliding Glass Door

Western Window Systems' **Series 600 Sliding Glass Door** takes design flexibility to a new level. A single-track sliding system lets you create openings with two, three, or four panels that can go up to 12 feet tall (maximum 70 square feet) in different configurations. And thanks to a variety of handle and track options, customization is a snap.

- Expansive opening sizes
- 2.55" sightlines at interlocks
- Two sill height options
- Premium hardware and roller options
- Low-E glass, dual-paned
- Concealed locking system
- Thermally or non-thermally broken aluminum

[Learn more](#)

Series 600 Sliding Glass Door



Sliding Glass Doors

Series 600

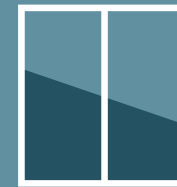


Connection to the outdoors was central to the design of this hilltop home by Adam Steiner of Cornerstone Architects.



The thin lines, ability to pair with additional sliding doors and other windows, and contemporary styling make the Series 600 Sliding Glass Door a modern upgrade to the traditional sliding door.





Performance Line: Series 7650 Sliding Glass Door

Western Window Systems' **Series 7650 Sliding Glass Door** is more than the next generation of patio door — it's a performance-focused solution for contemporary living spaces. Featuring low U-factors, a DP rating of up to 50, and sizes that can go taller and wider than you might expect, it brings performance, durability, and customization options to the sliding glass door space.

- Extreme opening sizes
- Industry-leading U-factors
- 2.9" sightlines at interlocks
- Multiple sill height options
- Low-E glass, dual-paned or triple-paned
- Premium hardware and roller options
- Concealed locking system
- Max panel height: 15' (in most markets)

[Learn more](#)

Series 7650 Sliding Glass Door



Sliding Glass Doors

Series 7650



Contemporary, modern, or rustic — no matter the style, the Series 7650 Sliding Glass Door can adapt to fit the placement.





Flush Mounted Handle

Premium Handle

Contemporary Handle



All handles feature a minimal design, the option of a keyed lock that allows the door to be unlocked from the exterior, and are available in brushed nickel or black finishes. The Premium and Contemporary handles include a comfortable grip, while the narrow design of the Flush Mounted Handle allows panels to easily slide past each other into a pocket.



Concealed Locking System

A hidden stainless-steel, multi-point lock secures the panels providing additional strength and protection.



Rolling Hardware

- The Classic Line offers a standard 1.81" size and the 3" Monster Roller, capable of handling more than twice the weight of the largest panel.
- The Performance Line offers a 1.81" tandem roller and a 1.81" Quadzilla roller option, which offers reduced resistance and smooth operation.



Water Barrier Sill

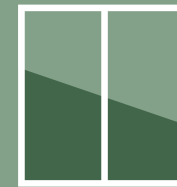
A weep system and an interior leg available in different pressure ratings and sizes helps safeguard against water intrusion. For additional protection, the legs of each sliding panel penetrates the track to keep out dust and debris.



Flush Sill

When ease of entry is more important than performance against the elements, our flush sill is the perfect choice. With an interior and exterior sill height of just 0.75", it lines up with most interior flooring for a smooth transition to the outside. Weep holes in the track allow water to drain away from the door while the back leg of each sliding panel keeps out dust and debris.





Vinyl Line: Series 3700 Sliding Glass Door

With its narrow sightlines and wide glass panels, the **Series 3700 Vinyl Sliding Glass Door** offers a modern and sleek aesthetic with optimized installation and ease of operation. An economic option that matches our Vinyl Line Multi-Slide Door, the two-track sliding glass door offers the functionality of a traditional patio door with an updated, durable style.

- Low-E, dual-paned, argon-filled glass
- Clean design with narrow sightlines and wide glass panels
- AAMA- and NFRC-tested and certified
- Integrated weep system with 1.5" sill height
- A .29 U-factor for energy efficiency

[Learn more](#)

Series 3700 Vinyl Sliding Glass Door



Flush Mounted Handle

The narrow design of the Series 3700's flush-mounted handle allows panels to easily slide past each other.



C-Pull Handle

The standard handle is color matched to the frame.



Standard Sill

A "floating" sill track insert gives the Series 3700 Vinyl Sliding Door superior rolling performance, making it highly adaptable to a variety of flooring substrate conditions. Includes an integrated weep system.



Taking the traditional sliding patio door in a stylish modern direction, the Series 3700 Sliding Glass Door offers thin sightlines and large panels.



Bi-Fold Doors

The ability of Western Window Systems' bi-fold door to completely open to the outdoors is what makes it so unique. Designed to smoothly stack and fold against side walls, it creates a huge opening from corner to corner, connecting the indoors with the outside and expanding living space. Need everyday access? Opt to add a convenient egress door.





Bi-Fold Doors



Design

The incredible design of the bi-fold door makes any project stunning. Thin stiles provide more glass and natural light. A concealed stainless-steel, multi-point lock secures panels while staying out of sight. And a slim frame and sill depth allows for clean integration into nearly any wall condition.

Operation

Sealed, stainless-steel ball bearing rollers make our bi-fold doors easy to operate. Stainless-steel, head-load carriers and hinges are capable of handling panels weighing up to 264 pounds. Bottom-load carriers and hinges (Classic Line only) can accommodate door panels weighing up to 176 pounds.

Configurations and Sizes

Western Window Systems' bi-fold doors are available in a multitude of configurations with panels up to 42" wide and 144" tall (not to exceed 264 pounds per panel). It has a sixteen-panel maximum, eight in each direction, and can be specified to swing inward or outward.



Turn a Bi-Fold Door into a Bi-Fold Window

Perfect for entertaining spaces like patios and decks, opening up a kitchen to the outdoors, or creating a relaxing window seat with a spectacular view, the bi-fold door is an equally amazing window too.





Classic Line: Series 9550 Bi-Fold Door

Powerful. Easy to operate. Versatile. The **Series 9550 Bi-Fold Door** from Western Window Systems is designed to smoothly stack and fold against side walls, creating a huge opening from corner to corner, connecting the inside with the outside. With multiple sill options, both inswing and outswing capabilities, and countless sizes, configurations, and finishes, you can unlock several creative possibilities.

- Large panel sizes
- Single track operation
- Multiple sill height options
- Panels up to 42" wide or 144" tall
- Premium hardware and roller options
- Low-E glass, dual-paned
- Thermally broken aluminum

[Learn more](#)

Series 9550 Bi-Fold Door



Bi-Fold Doors

Series 9550



The Series 9550 Bi-Fold Door can scale from three panels to 16, creating dramatic openings whether your space is grand or intimate.



This Healdsburg, California pool house by architect Amy Alper packed plenty of style into a smaller space.





Performance Line: Series 7950 Bi-Fold Door

Reinvented for strength and energy efficiency, Western Window Systems' **Series 7950 Bi-Fold Door** enables professionals to do their most demanding projects without constraint. With a DP rating of up to 50, across-the-board low U-factors, and large panel sizes that operate easily on stainless-steel ball bearing rollers, it's designed and engineered to enable a wide range of customization possibilities.

- Large panel sizes
- Industry-leading U-values
- 5.875" frame depth
- Single-track operation
- Multiple sill height options
- Panels up to 12' tall
- Premium-hardware and roller options
- Low-E glass, dual-paned or triple-paned
- Thermally broken aluminum

[Learn more](#)

Series 7950 Bi-Fold Door

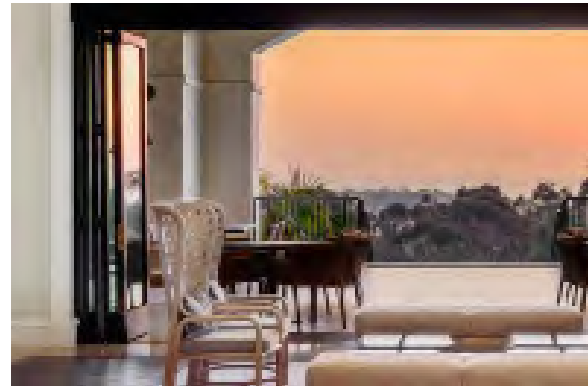


Bi-Fold Doors

Series 7950



From residential to commercial applications, the Series 7950 Bi-Fold Door is adaptable to a variety of settings, expanding spaces and creating seamless transitions.



Customized bi-fold doors ensured that the symmetrical classic aesthetic of this seaside hotel could be realized.





Dallas Handle

Located on all active panels and egress doors, includes a keyed lock. In brushed nickel or black.

Inactive Lock Handle

Secures the door panels with steel pins at the head and sill. Available in brushed nickel or black.



D-Shaped Pull Handle

Further aids in opening and closing the door. Available in stainless-steel or black.

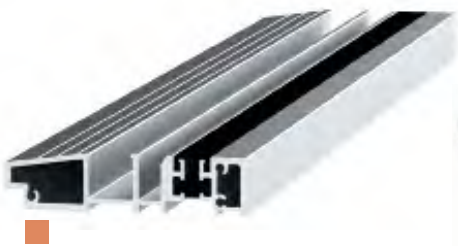


Carrier Hinges

Carrier hinge options include a bottom load bi-fold (Classic Line only), a head load bi-fold, and a heavy-duty head load bi-fold.

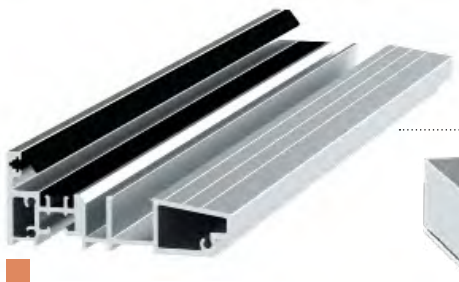


Top Hung Sill Tracks



Flush Sill

Lines up with nearly any interior flooring for a smooth transition to the outdoors. Thresholds are finished to match the color of the frame.



Water Barrier Sill

A tight seal helps to safeguard against water intrusion. Thresholds are finished to match the frame color.



U-Track

The U-track allows for a flush transition from room to room and is offered in a dark bronze finish. Not rated against water infiltration.

Bottom Load Sill Tracks



Flush Sill

When ease of entry is more important than climate performance, the flush sill lines up with most interior flooring for a smooth transition to the outdoors. Interior threshold height is 1.76". Thresholds are finished to match the color of the frame.



Water Barrier Sill

Safeguards against water intrusion while providing a tight seal. Interior leg is 2.51". Thresholds are finished to match the frame color.



Hinged Doors

A triumph of versatility, our hinged door offers modern style and durability. Featuring wide glass panels that maximize views and let in light, it's perfect for creating an impressive main entrance, allowing for a smooth transition from room to room, or connecting the indoors to the outdoors via a patio, deck, or balcony. For further customization, our hinged door can be combined with our window selections.





Hinged Doors



Design

The hinged door is designed for anything you want it to do. A strong, continuous hinge can support panels as wide as five feet. Top and bottom rails of the door nest with the stiles to eliminate daylight at the corners. Available in single or double in-swing (Performance Line only) or out-swing configurations, it can be paired with any of our window styles.



Durability and Performance

Thanks to precision manufacturing, you can expect Western Window Systems' hinged doors to last a lifetime. Door corners are secured with a tie rod for a permanent, rigid connection. An optional concealed overhead closure and roller catches ensure the door is self-closing. On hinged door pairs, the passive panel features continuous weatherstripping for additional protection. Beauty and security, all in one package.





Classic Line: Series 900 Hinged Door

The Western Window Systems **Series 900 Hinged Door** combines tremendous capability with unmatched versatility. With wide glass panels that maximize views and let in light, it's perfect for creating an impressive main entrance or clear interior passage, and connecting the indoors with the outdoors via a patio, deck, or balcony. And because you can combine it with our windows, there's even more to love.

- Large panel sizes
- Multiple sill height options
- Premium hardware options
- Low-E glass, dual-paned
- Concealed locking system
- Single/double inswing or outswing
- Thermally broken aluminum

[Learn more](#)

Series 900 Hinged Door



Hinged Doors

Series 900



Pair the hinged door with a second door, combine it with a fixed window, or let it stand alone — flexibility means you can design for maximum impact.



Three sets of paired hinged doors create a bold look inside and out in this desert modern farmhouse designed by Richard Doria.





Performance Line: Series 7900 Hinged Door

With panel sizes up to 12' tall, a .30 U-value for standard, low-E, argon-filled dual-paned glass, and a performance rating of up to DP 50, Western Window Systems' **Series 7900 Hinged Door** combines versatility with durability and energy performance. For even more design flexibility, it can be combined with our fixed and hinged windows.

- Large panel sizes
- Industry-leading U-values
- Multiple sill height options
- Premium-hardware options
- Low-E glass, dual-paned or triple-paned
- Concealed locking system
- Single/double inswing or outswing
- Thermally broken aluminum

[Learn more](#)

Series 7900 Hinged Door



Hinged Doors

Series 7900



Looking for drama? The Series 7900 Hinged Door can be up to 12 feet tall, making a big impression.



Architect Dan Coletti played with scale and indoor-outdoor connections in this Las Vegas remodel.





Dallas Handle

Our Dallas Handle features a minimal design and comfortable grip. Finish choices are available in brushed nickel or black. Available only with the 4.71" and 3.15" stile.



Multi-Point Locking System

Lever-activated, the Type C lock provides additional vertical strength and security through several locking points in the jamb or inactive stile.



Offset Ladder Pull Handle

Our offset ladder pull handle offers contemporary styling with a 48" handle length. Includes a Type C lock, only available with the offset ladder pull, with a 1.2" backset on narrow-stile doors and 1.5" backset on medium-stile doors. Panic hardware option available.



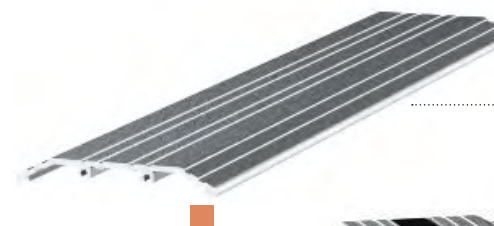
Standard Sill

Ideal for residential applications, the standard threshold is 4.5" wide and features a 1" exterior step (1.68" for in-swing doors) that protects against water penetration and allows full perimeter weatherstripping on out-swing doors, reducing air infiltration. In-swing doors are equipped with a weatherstrip assembly mounted to the bottom of the door that sweeps against the threshold. Finished to match the color of the frame.



Commercial Sill

Our hinged door utilizes a low-profile commercial threshold that favors ease of entry over protection from the elements. Available in satin and bronze anodized finishes. Capable of meeting the Americans with Disabilities Act (ADA) requirements. Not warrantied against water or air penetration.





Pivot Doors

Bold entries find unmistakable expression with Western Window Systems' pivot doors. With the ability to swing in or out, its unique distribution of weight makes creating large openings with just a single panel not only possible, but desirable. Unequivocally design-forward, the pivot door is about detail, with a low-profile threshold that seamlessly connects the indoors to the outside. It can be combined with any of our window styles for even more differentiation.





Design and Operation

Western Window Systems' pivot doors deliver easy operation and a clean, modern design. A narrow frame depth allows for more light, while custom pivot-hardware supports weight with the bottom arm, creating less stress on the frame and allowing the door to swing effortlessly. An optional concealed overhead closure and roller catches ensure the door is self-closing.





Classic Line: Series 980 Pivot Door

Boldly dramatic and decidedly modern, Western Window Systems' **Series 980 Pivot Door** stands out in any space. With the ability to swing in or out, its unique distribution of weight makes creating large openings with just a single panel not only possible, but desirable. To take your creativity even further, it can be paired with any of our window styles.

- Large panel sizes
- Easy operation
- Premium heavy-duty hardware
- In-swing or out-swing configurations
- Low-E glass, dual-paned

[Learn more](#)

Series 980 Pivot Door



Pivot Doors

Series 980

Pivot doors offer sleek lines and easy operation regardless of size, with the ability to swing in or out.



The bright and airy entryway signals the surprises to come in this over-under Austin home designed by architect Brett Ames.





Performance Line: Series 7980 Pivot Door

Western Window Systems' **Series 7980 Pivot Door** is designed for pros who need the ultimate in a boldly dramatic high-performance entryway. From taller and wider sizes to durability and simulated NFRC values as low as .30 with standard low-E, dual-paned glass, it's highly customizable and capable. Combine it with any of our Performance Line fixed or hinged windows for even more differentiation.

- Extreme panel sizes
- Industry-leading U-factors
- Easy operation
- Premium heavy-duty hardware
- Low-E glass, dual-paned or triple-paned
- In-swing or out-swing configurations

[Learn more](#)

Series 7980 Pivot Door



Pivot Doors

Series 7980



Dual pivot doors in the central atrium of this remodeled Eichler home are just part of the careful modernization by architect Dennis Budd.



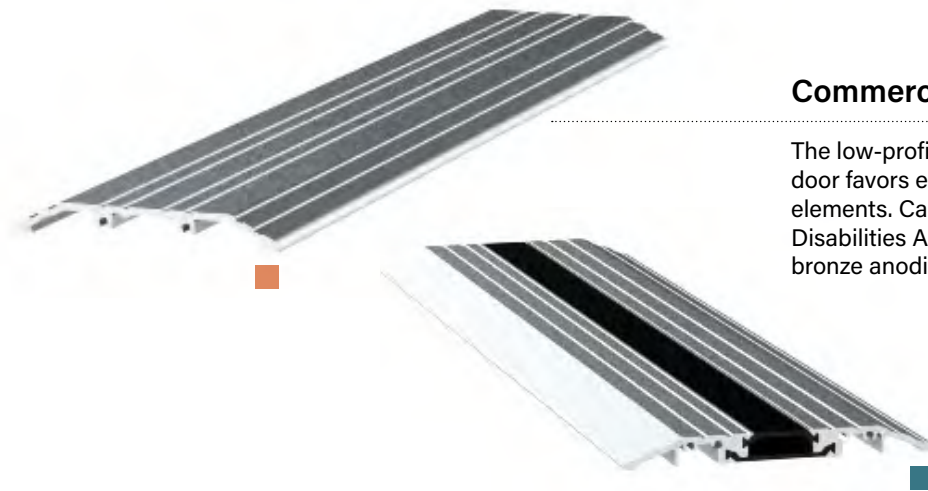
The unique weight distribution of pivot doors means they are easy to operate – even when they are oversized in height or width.





Offset Ladder Pull Handle

Our offset ladder pull handle offers contemporary styling with a 48" handle length. Top and bottom roller catches ensure the door closes tightly. Includes a Type C lock (a deadbolt lock with a 1.5" backset) and is available in brushed nickel or black finishes.



Commercial Sill

The low-profile commercial threshold of the pivot door favors ease of entry over protection from the elements. Capable of meeting Americans with Disabilities Act (ADA) requirements. Satin and bronze anodized finish options.





Windows

From dramatic walls of glass to traditional operating windows, Western Window Systems has windows to fit a wide range of aesthetic and operational requirements. Designed to be highly configurable, combine with other window and door styles, and meet a wide range of size requirements.

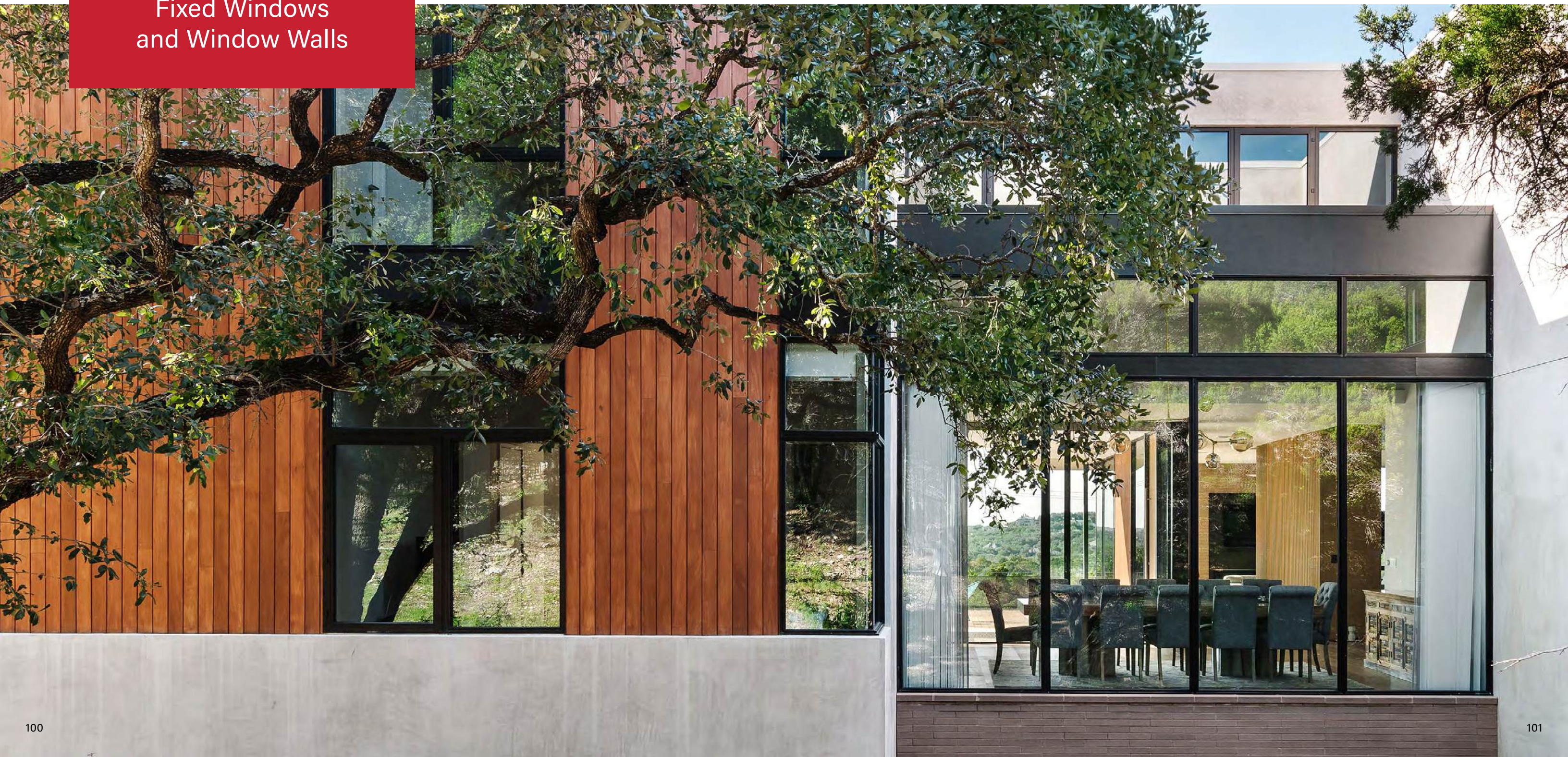
 Fixed Windows and Window Walls

 Operating Windows



Fixed Windows and Window Walls

Whether you want to create a single-panel opening, door-sized opening, or one that spans an entire wall, a Western Window Systems fixed window or window wall allows you to create custom views with various glass sizes and shapes. And because they're designed to integrate with ventilating window styles as well as hinged and sliding doors, they're flexible as well as functional.





Fixed Windows and Window Walls



Fixed windows, window walls, and sliding-glass doors come together in this Texas lake house by James Evans that's 65 percent glass.



Design

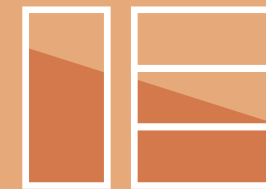
With mulling that combines window frames while keeping sightlines narrow, Western Window Systems window walls offer a clean and more balanced appearance that can be replicated through an entire wall of glass. A versatile system allows many door and operating window options to directly mull to any combination of windows, creating a clean, smooth appearance.

Configurations and Sizes

Western Window Systems fixed windows and window walls are available up to 70 square feet in practically any configuration. For larger expanses, steel can be added when mulling for increased strength. Fixed windows can be built to nearly any geometric configuration, including arches, circles, and polygons.

Sills and Stops

- **Standard-Base Sill**
The standard-base sill, used around the perimeter of all fixed windows, is 0.75" tall for Classic Line fixed windows and window walls and 0.875" tall for Performance Line fixed windows.
- **High-Base Sill**
Perfect for fixed windows that sit directly on a finished floor, the high-base sill is 1.75" tall.
- **Standard-Base Stop**
The standard stop features a stepped profile with removable stops for re-glazes and weep holes at the base. Available in multiple dimensions.



Classic Line: Series 600 Fixed Windows and Window Walls

Offering expanses of glass that let in light and frame beautiful views, Western Window Systems' **Series 600 Fixed Window and Window Wall** are completely customizable with a limitless array of openings. Designed to integrate with ventilating window styles as well as our hinged and sliding doors, it's flexible as well as functional.

- Large panel sizes
- Narrow sightlines
- Highly configurable
- Dual-paned low-E glass
- Optional mulling and T-Bar configurations

[Learn more](#)

Series 600 Fixed Window and Window Wall



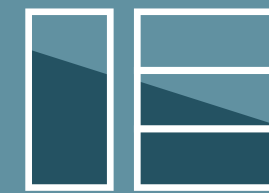
Fixed Windows and Window Walls

Series 600



This Northern California home by Tai Ikegami was designed to dissolve the separation between indoors and outdoors.





Performance Line: Series 7675 Fixed Window Series 7630 Window Wall

With a .29 U-value for standard low-E, argon-filled dual-paned glass, a performance grade of CW-PG100 at sizes up to 60" x 120", and a mulling process that keeps sightlines narrow, the **Series 7630 Window Wall** is optimized for performance, flexibility, and versatility. Create a single panel, door, or wall-sized opening — or integrate with Performance Line ventilating window and hinged or sliding glass windows for limitless expression.

- Extreme panel sizes
- Industry-leading U-values
- Narrow sightlines
- Highly configurable
- Low-E glass, dual-paned or triple-paned
- Thermally broken aluminum

[Learn more](#)

Series 7675 Window Wall
Series 7630 Fixed Window



Fixed windows can virtually disappear, leaving just an unobstructed view.

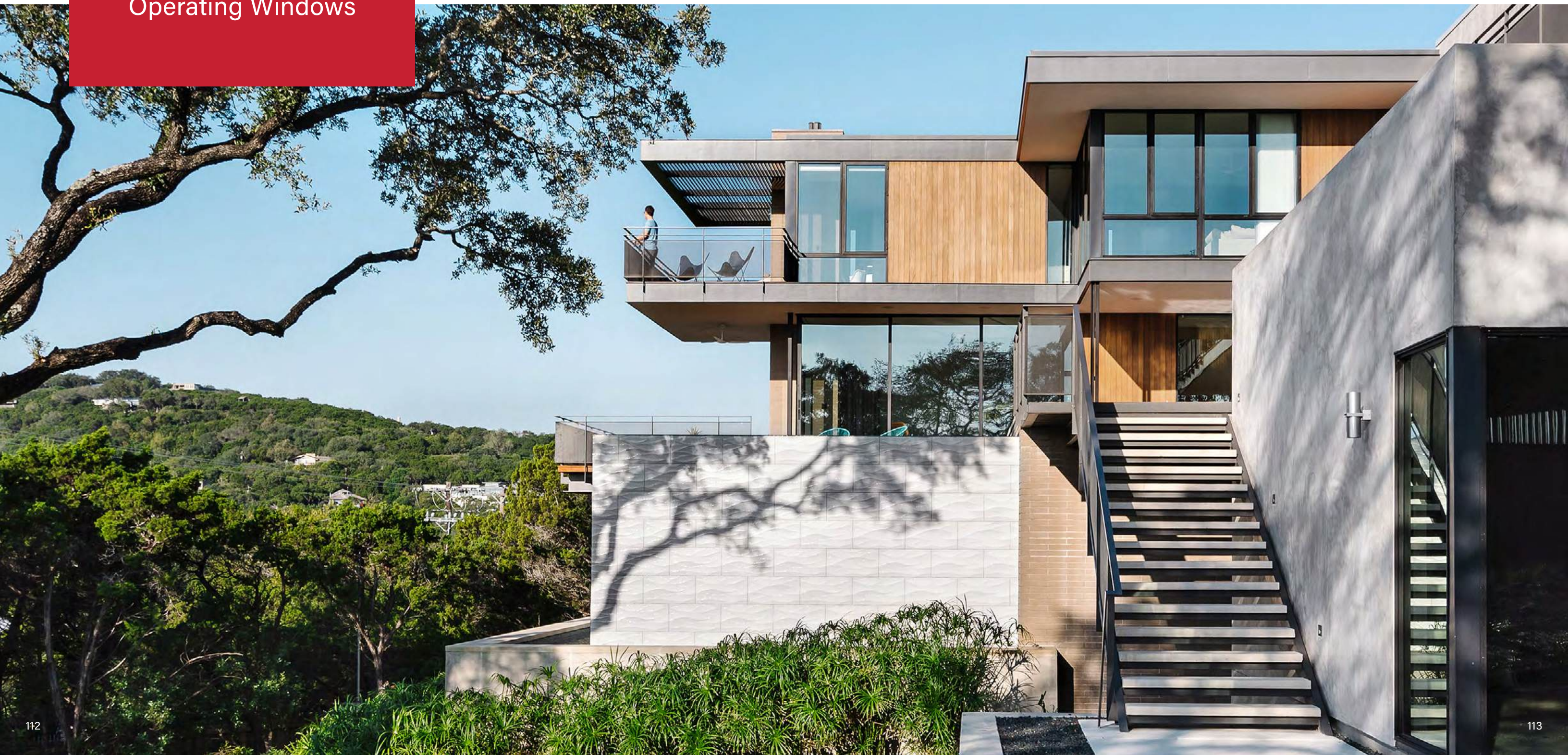


Perched on a hilltop, this Nahoko Ueda-designed Oregon home features a grand window wall that allows the beautiful surroundings to be part of the home.



Operating Windows

Western Window Systems' window line offers the variety, sizes, and performance features to enhance any type of home. Combining clean design and optimal performance, every style – awning, casement, hopper, sliding, and single hung – can be integrated with our hinged or sliding doors and fixed window walls for maximum views and ventilation.





Operating Windows



Design

Engineered for smooth operation, maximum ventilation, and a modern aesthetic, our operating windows are designed to be integrated with our other window and door products. With premium hardware and flexible mulling options, they're sure to fit any home and any project.

Hinges, Handles, and Heavy-Duty Hardware

Designed to create a sleek profile, our hinges and handles feature a contemporary style. Interior hardware such as spiral balancers or rollers are designed for durability and smooth operation. Hinged window hardware is finished to match custom paint orders.





The **Series 670 Awning Window** from Western Window Systems hinges on the top, opens outward, and is typically wider than it is tall. Ideal for providing natural light and ventilation to small areas, it saves space by opening out from the bottom.

- Sloped sill for improved water drainage
- 4.5" frame depth
- Double scissor-arm operator
- Available in widths from 18" to 72" or heights from 18" to 96"
- Thermally broken aluminum
- Push-out version available, handle available in brushed nickel

[Learn more](#)

Series 670 Awning Window



The **Series 7660 Awning Window** hinges on the top and opens outward. Perfect for providing natural light and ventilation to small areas, it saves space by opening out from the bottom with a double scissor-arm.

- Large vent sizes
- Industry-leading U-values
- Contemporary roto operator
- Hidden multi-point locking system
- Low-E glass, dual-paned or triple-paned with a .38 U-value
- Highly configurable
- Performance-rated at CW-PG50 (test unit)
- Available in widths from 18" to 72" or heights from 18" to 96"

[Learn more](#)

Series 7660 Awning Window



Transform your living spaces with the **Series 7665 Pass-Through Window**, perfect for enhancing entertainment areas and promoting a seamless indoor-outdoor living experience. Engineered for easy operation with a continuous hinge and pressurized gas struts, this window adds a touch of modern functionality, creating a space that effortlessly transitions between indoor comfort and outdoor allure.

- Large vent sizes
- Gas Spring Strut
- Single Point Locks
- Dual 5.7mm & 4.7 mm with 366 low E coating
- Performance-rated at LC-PG35
- Available in widths from 24" to 96" or heights from 36" to 60"

[Learn more](#)

Series 7665 Pass-Through Window



The **Series 670 Casement Window** from Western Window Systems hinges on the side, swings outward to the left or right, and provides excellent ventilation.

- 4.5" frame depth
- Available in widths from 19.5" to 42" or heights from 18" to 72"
- Sloped sill for improved water drainage
- Optional raked head window shape
- Thermally broken aluminum

[Learn more](#)

Series 670 Casement Window



Western Window Systems' **Series 670 Push-Out Casement Window** combines the traditional appeal of a push-out window with modern efficiencies. It opens easily with a turn of the handle and a light push. Stainless-steel, four-bar hinges with an adjustable tensioning device keep the sash in place when open.

- 4.5" frame depth
- Sloped sill for improved water drainage
- Available in widths from 19" to 36" or heights from 18" to 72"
- Durable locking handles available in brushed nickel
- Thermally broken aluminum

[Learn more](#)

Series 670 Casement Window



The **Series 7670 Casement Window** hinges on the side, swings outward to the left or right, and provides excellent top-to-bottom ventilation. Butt hinges and a roto operator make for effortless opening and closing.

- Large vent sizes
- Industry-leading U-values
- Low-E glass, dual-paned or triple-paned with a .38 U-value
- Highly configurable
- Performance-rated at CW-PG50 (test unit)

[Learn more](#)

Series 7670 Casement Window



Western Window Systems' **Series 670 Hopper Window** hinges on the bottom and opens from the top. Hopper windows are the perfect solution in places where there is limited space for a window to extend to the outside.

- 4.5" frame depth
- Sloped sill for improved water drainage
- Locks with a pawl handle or ring pull, available in brushed nickel
- Available in widths from 18" to 60" or heights from 20" to 48"
- Thermally broken aluminum

[Learn more](#)

Series 670 Hopper Window



Perfect for places where there is limited space for a window to extend to the outside, the **Series 7680 Hopper Window** hinges on the bottom and opens from the top.

- Large vent sizes
- Industry-leading U-values
- Low-E glass, dual-paned or triple-paned with a .38 U-value
- Highly configurable
- Performance-rated at CW-PG50
- Available in widths from 18" to 60" and heights from 18" to 44"
- Available with a pawl handle or ring-pull latch with extension pole

[Learn more](#)

Series 7680 Hopper Window



Featuring a fixed top sash and vertically sliding bottom sash for ventilation, Western Window Systems' **Series 610 Single-Hung Window** is easy to operate and ideal for any home style. It can be integrated with Western Window Systems' hinged doors, sliding doors, and fixed window walls for complete customization.

- 4.5" frame depth
- Heavy-duty hardware
- Low-E glass, dual-paned
- Maximum vent size of 48" in width or 36" in height
- Maximum frame height up to 96"
- Highly configurable
- Exterior extruded aluminum screening
- Thermally broken aluminum

[Learn more](#)

Series 610 Single-Hung Window



Western Window Systems' **Series 7610 Single-Hung Window** features a fixed top sash and vertically sliding bottom sash for ventilation. It can be integrated with Western Window Systems' hinged doors, sliding doors, and fixed window walls for complete customization.

- Industry-leading U-values
- Heavy-duty hardware
- Low-E glass, dual-paned or triple-paned
- Maximum vent size of 72" in width or 120" in height
- Highly configurable
- Extruded aluminum screening
- Thermally broken aluminum

[Learn more](#)

Series 7610 Single-Hung Window



Western Window Systems' **Series 620 Sliding Window** is made up of two or three sashes aligned horizontally that slide left or right. One sash slides open in a single slider. A double slider allows both sashes to open. Countless integration options let you customize the window as you see fit.

- 4.5" frame depth
- Heavy duty hardware
- Low-E glass, dual-paned
- Double sash option up to 96" in width or 72" in height
- Triple sash option available
- Highly configurable
- Extruded aluminum screening
- Thermally broken aluminum

[Learn more](#)

Series 620 Sliding Window



The **Series 7620 Sliding Window** features two or three sashes aligned horizontally that slide left or right. One sash slides open in a single slider. Picture sliders have a sliding sash on either side of a stationary sash.

- Industry-leading U-values
- Heavy-duty hardware
- Low-E glass, dual-paned or triple-paned
- Highly configurable
- Extruded aluminum screening
- Thermally broken aluminum

[Learn more](#)

Series 7620 Sliding Window



Appendix

Designed for customizability, Western Window Systems' products offer a wide variety of options and finishes. Screens are available to keep pests out and are finished to match the color of the door or window frame. With these options, your project is full of infinite possibilities.

- Finishes
- Screens
- Simulated Divided Lite
- Simulated Steel Divided Lite
- Resources





In-Stock Finishes

Bronze Anodized and Satin Anodized aluminum comes standard with a Class 1 coating thickness for increased smoothness and durability.

Bronze Anodized

Satin Anodized



Custom Finishes

Have a specific color in mind? We can customize the color of your door or window to match virtually any finish.

Designer Finishes

Our designer colors are based upon popular paint choices in the homebuilding industry and include a high-quality paint finish that conforms to a minimum rating of AAMA-2605, currently the highest rating for organic finishes.

Western Grey

Stonish Beige

Navajo White

Hillside Bronze

Cinnamon Toast

Briar

Bison Beige

Autumn Night

Standard White

Standard Warmtone



Screens

Our extruded aluminum framed screens integrate seamlessly with our sliding glass doors while providing optimum ventilation and protection from outdoor pests.

For our hinged windows, our screens employ an easy-to-use concealed ball catch system and are finished to match the window's frame color.

Screens are included for all single-hung and sliding windows, mounted to the exterior, and casement and awning windows, mounted to the interior.



Simulated Divided Lite

Simulated Divided Lite windows offer a traditional appearance with the economy and efficiency of modern windows.



Simulated divided lites added just the right design element to this Phoenix home built for entertaining and framing mountain views.



Simulated Steel Divided Lite

Simulated Steel Divided Lites offer the look of traditional steel windows, with the efficiency and value of Western Window Systems' Performance Line.



This home in Utah's Wasatch Mountains has a calming aesthetic and beautiful views paired with energy efficiency that can stand up to summer heat and winter snow.



Notes

This image shows a full page of blank graph paper. The background is a very light gray, and it is covered by a precise grid of thin, darker gray lines. The grid consists of small, equal-sized squares that extend across the entire visible area of the page, providing a standard template for technical drawing or mathematics.This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.



Specht Novak Architects' minimalist design offers a pristine canvas, allowing surrounding beauty to shine.