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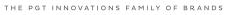
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Our Values: Excellence, Innovation & Partnership

In every aspect of our business we strive to excel, 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.

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

We believe in treating others the way we wish to be treated. By being respectful of others, 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.

Western Volunteers

Here at Western Window Systems, we're passionate about giving back to the community. Since we started Western Volunteers, our volunteer program for employees and their families, we've handpacked over 20,000 meals for malnourished kids, helped to feed over 600 needy families, and donated our foosball table to the local Boys & Girls Club.





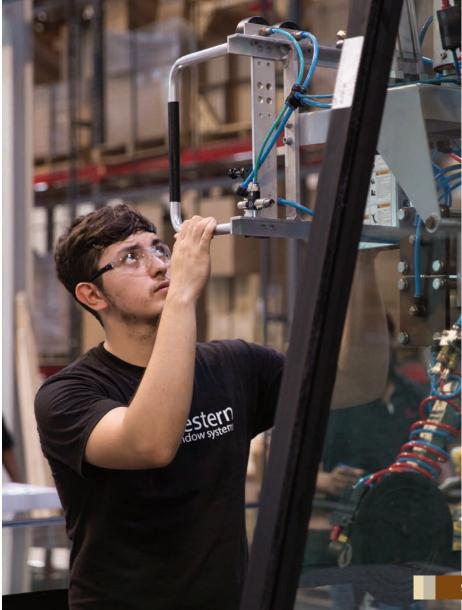
Our Vision

What fuels our passion to be the best? A single vision statement: Have fun creating a winning company that changes construction and helps our partners live better. This vision serves as an inspiration for everything we do.

Smarter Manufacturing

Western Window Systems is recognized industry-wide for the innovation and quality of its products and the relationships it forges with its employees, dealer partners, architects, homebuilders, and homeowners. It's all born of the company's vision statement, which dictates everything we do: Have fun creating a winning company that changes construction and helps our partners live better.

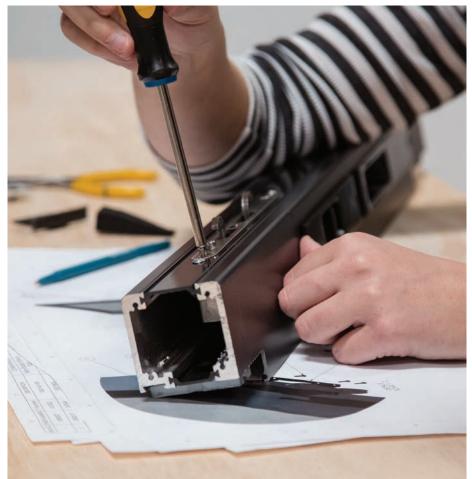
Headquartered in Phoenix, we use superior materials in our revolutionary, award-winning sliding door and window systems, which give our customers almost infinite design possibilities. As passionate as we are about our company's core values of innovation, excellence, and partnership, we are equally committed to providing customer satisfaction at every level of the construction process.





Designed for Indoor-Outdoor Living

Western Window Systems' large moving walls of glass are more than just entryways; they're centerpieces for indoor-outdoor living. Seamlessly merging the indoors with the outside, they transform space by expanding living areas, maximizing views, and letting in loads of natural light and fresh air. The result: a new kind of gathering space that lets you entertain, relax, and live better than ever.



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 door that neatly tucks away into a pocket, a folding door that creates a grand entrance from corner to corner, or a 90-degree style that completely opens up a room. 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 American Architectural Manufacturers Association (AAMA) for use in the United States and Canada.



Energy Efficiency

From the seals that help control moisture and minimize air leakage to the dual-pane, triple-coated low-E glass that reduces heating and cooling costs, every Western Window Systems product is designed with energy efficiency in mind. For additional savings, many of our door systems and windows are available with the option of thermally broken aluminum, which features an insulating barrier that increases energy performance.



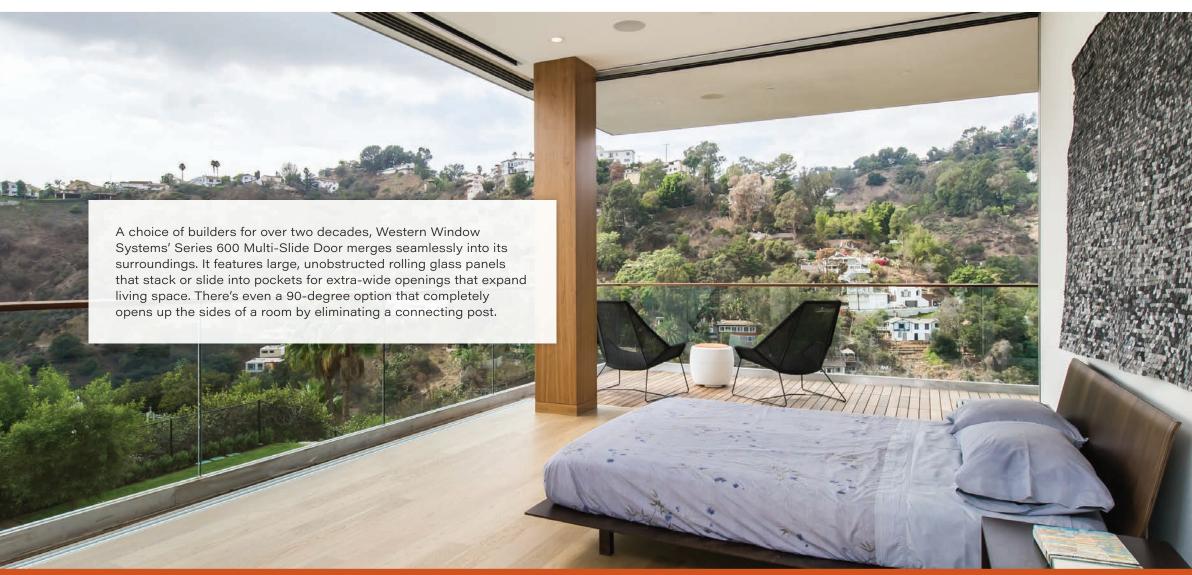
Sustainability

Western Window Systems products are made with aluminum, a highly recyclable material. We recycle our aluminum as well as materials such as vinyl, cardboard, and paper. Our wood panels are certified by the FSC (Forest Stewardship Council), a group that ensures products are made with, or contain, wood from FSC-certified forests.





Series 600 Multi-Slide Door





Clean Design

Designed to seamlessly blend into nearly any space, the Series 600 features a 2.55" interlock stile, wide panels, and modern details that allow for more light and glass.

Climate Ready Glass

Our dual-pane low-E glass can be customized in a variety of types, colors, and thicknesses for improved privacy, protection, and thermal efficiency.

Configurations and Sizes

The Series 600 Multi-Slide Door is available in nearly any configuration, with panels up to 12 feet tall (maximum 70 square feet). For complete flexibility, it can be designed to do things like go around curves, bypass obstacles, and bipart in the center. Nearly any shape is possible, including open corners.



The Series 600 includes a hidden stainless steel multi-point lock to secure its large sliding panels, providing additional strength and protection. A keyed cylinder option is available.



Smooth Operation

Sealed stainless steel ball bearing rollers make our multi-slide doors easy to operate. An interlocking track design provides structural integrity and makes it possible to span wide openings with almost any number of panels.



Classic or Thermally Broken Aluminum

Classic aluminum provides effortless operation, versatility, and a clean aesthetic. Our thermally broken option provides the same functionality, but with an insulating barrier that increases energy performance in colder climates.



Heavy Duty Hardware

Rolling hardware includes two options: a standard 1.81" size and our 3" Monster Roller, capable of handling more than twice the weight of the largest panel.

Options: Series 600 Multi-Slide Door





Featuring the same rolling glass panels that stack or slide into pockets as our multi-slide door, the Series 600 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.

Scree

Our aluminum frame panel screen integrates seamlessly with our sliding glass doors while providing optimal ventilation and protection from outside pests.

System Automation

All Western Window Systems multi-slide doors are designed with automation in mind. All automation systems are designed, purchased, and installed by third parties. Contact us to find one near you.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.



Water Barrier Sill

The water barrier sill's 1.5" interior leg and weep-hole system safeguards against water intrusion. For additional protection, the back leg 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 discourages dust and debris.



Thinline Sill

The ability of our signature thinline sill to hide almost completely makes it ideal for projects in which a continuation of flooring from the inside 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.

Note: Thinline and flush sills may be less effective at preventing water penetration than the water barrier sill and therefore may not be appropriate in all climates, conditions, and exposures.



Flush-Mounted Handle

The standard choice for all Western Window Systems multi-slide doors, the flush-mounted handle's clean, narrow design allows panels to easily slide past each other or into a pocket. An optional keyed cylinder allows the door to be unlocked from the exterior. Finish choices are available in brushed nickel or black.

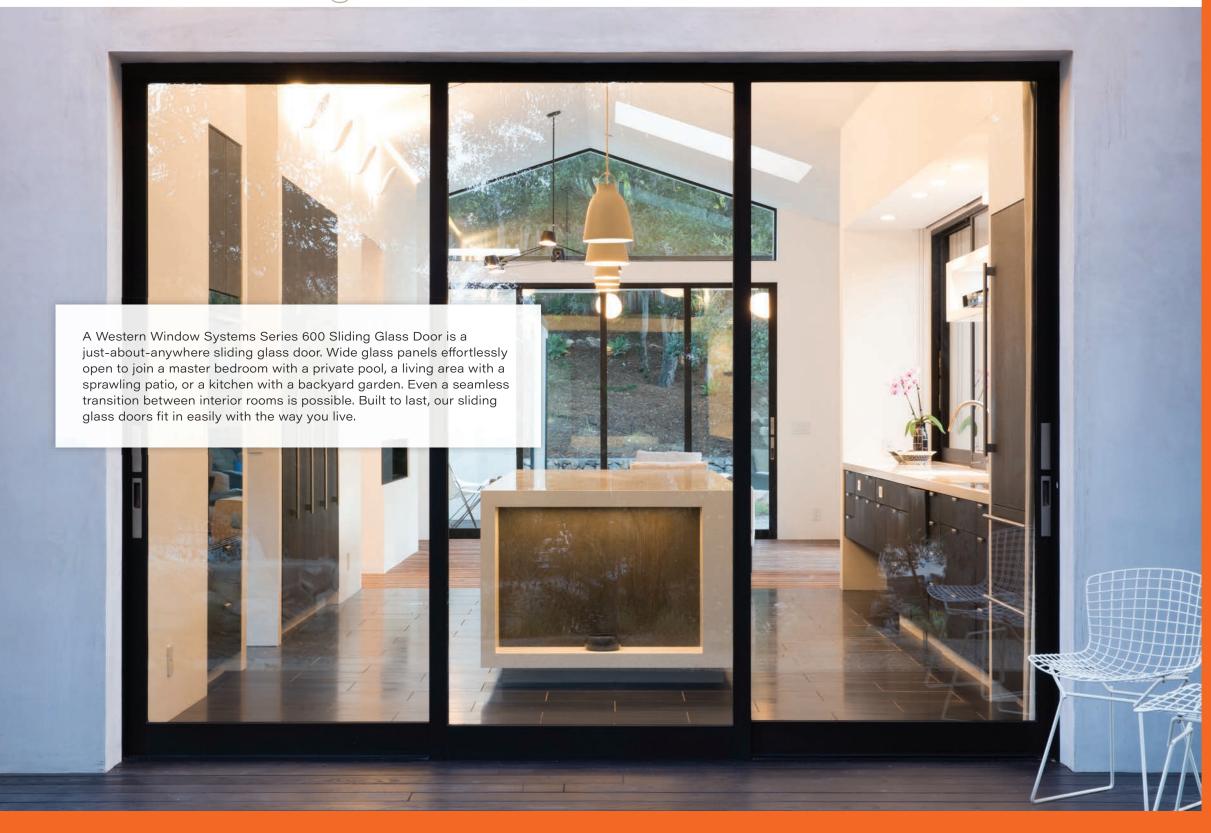


Premium Handle

Our optional premium handle features a minimal one-piece design, comfortable grip, and the option of a keyed cylinder that allows the door to be unlocked from the exterior. Finish is available in brushed nickel or black. The premium handle is not available on pocketing multi-slide door systems.



Series 600 Sliding Glass Door



Clean Design

The Series 600 Sliding Glass Door features a 2.55" interlock stile.

Climate Ready Glass

Our dual-pane low-E glass is available in a variety of types, colors, and thicknesses for enhanced privacy, protection, and thermal efficiency.

Configurations and Sizes

The Series 600 Sliding Glass Door is available in nearly any configuration, with panels up to 72" wide and 144" tall (maximum 60 square feet). Sliding glass doors can also bi-part in the center.



Concealed Locking System

The Series 600 includes a hidden stainless steel multipoint lock to secure its large sliding panels, providing additional strength and protection. A keyed cylinder option is available.



Smooth Operation

Sealed stainless steel ball bearing rollers make our sliding glass door easy to operate. Rolling hardware includes two options: a standard 1.81" size and our 3" Monster Roller, capable of handling more than twice the weight of the largest panel.



Classic or Thermally Broken Aluminum

Classic aluminum provides effortless operation, versatility, and a clean aesthetic. Our thermally broken option provides the same functionality, but with an insulating barrier that increases energy performance in colder climates.

Options: Series 600 Sliding Glass Door









1.5" Sill

Standard on the Series 600 Sliding Glass Door, the 1.5" sill's interior leg and sloped profile provides a water barrier match the color of the frame.

1.75" Sill

sill features a higher interior leg and a performance rating of HC40 from the American Architectural Manufacturers Not available in thermally broken aluminum.

Screen

Our aluminum frame panel screen integrates seamlessly with our sliding glass doors while providing optimum ventilation and protection from outdoor pests.

Finishes

Aluminum finishes are available in-stock, as designer color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.



Contemporary Handle*

one-piece design, comfortable grip, and the option of a keyed Finish choices are available in brushed nickel or black.



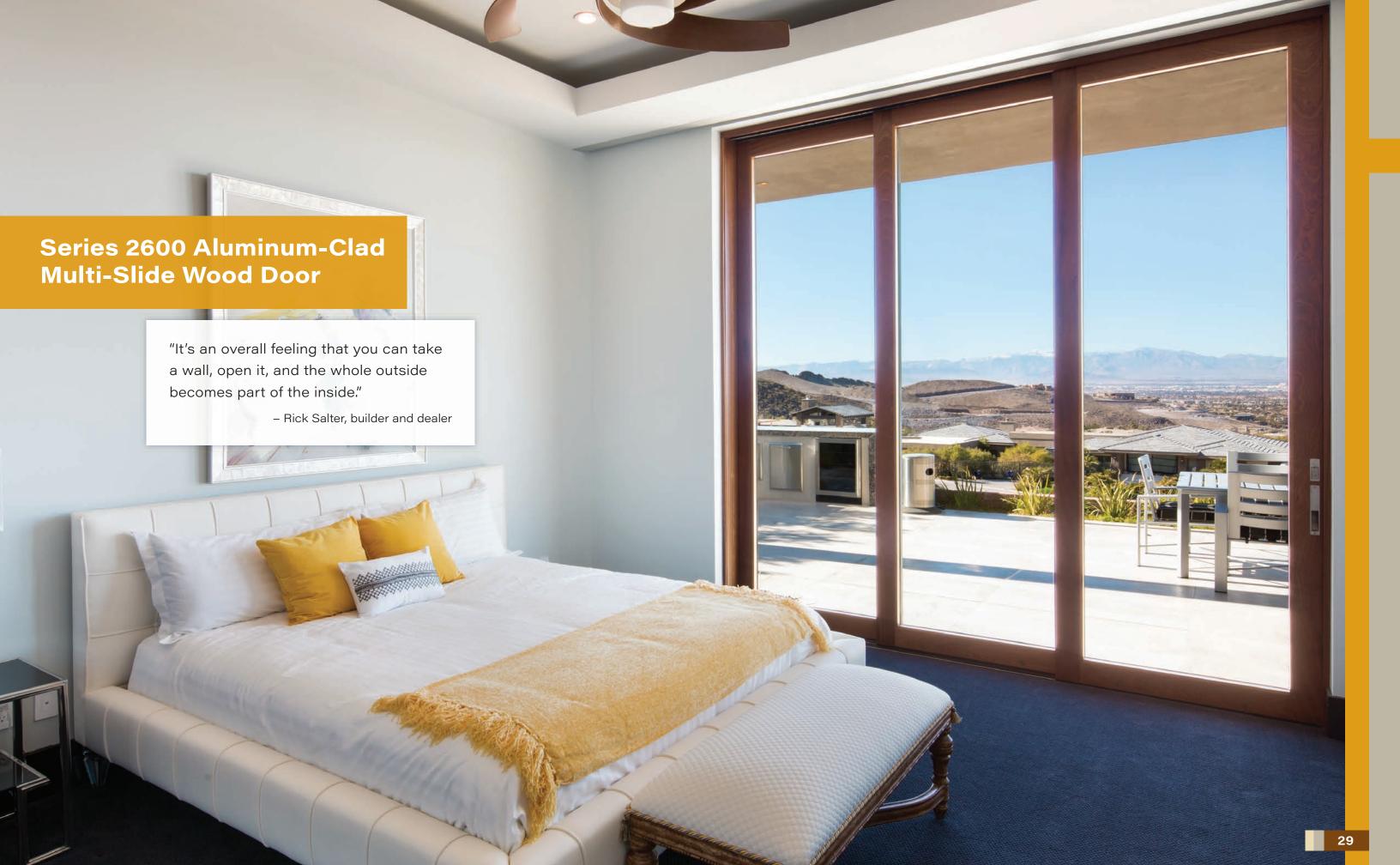
Flush-Mounted Handle

The flush-mounted handle is designed to integrate into the panel for a clean aesthetic. An optional keyed cylinder allows the door to be unlocked from the outside. Finish is available in brushed nickel or black.



Premium Handle

one-piece design, comfortable grip, and the option of a the exterior. Finish choices are brushed nickel or black.







Clean Design

The Series 2600 includes your choice of a 3.62" or 5" interlock stile profile and bottom rails available in 3.62", 5", and 8" dimensions. Wood panels are built from strong LVL (laminated veneered lumber) cores that include a stain-grade wood veneer on the interior, allowing you to stain or paint the wood as you see fit.

Heavy Duty Hardware

Rolling hardware includes two options: a standard 2.12" size and our 3" Monster Roller, capable of handling more than twice the weight of the largest panel.

Concealed Locking System

The Series 2600 includes a hidden stainless steel multi-point lock to secure its large sliding panels. A keyed cylinder option is available.

Smooth Operation

Sealed stainless steel ball bearing rollers make our multi-slide doors easy to operate. An interlocking track design provides structural integrity and makes it possible to span wide openings with almost any number of panels

Climate Ready Glass

Our dual-pane low-E glass can be customized in numerous types, colors, and thicknesses for more privacy, protection, and thermal efficiency.

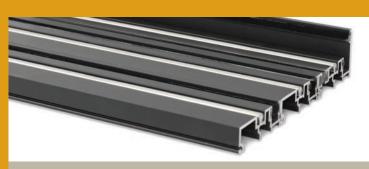
Designed and Tested for Durability

Manufactured for strength and built to last, the Series 2600 features extruded aluminum cladding on the exterior and wood panels made from strong, FSC-certified woods.

Configurations and Sizes

configuration, with panels up to 84" wide and 144" tall (maximum 60 square feet). For additional flexibility, it can be designed to meet at a 90-degree angle to open up the sides and corner of a room or, for projects with limited side space, bi-part at the center.

Multi-Slide Wood Door



Water Barrier Sill



Flush Sill

door while the back leg of each sliding panel discourages dust



Thinline Sill



System Automation

Screen

our sliding glass doors while providing optimal ventilation and protection from outside pests.

Aluminum Finishes

Aluminum finishes are available in-stock, as designer









Panel Styles

Panels can be 1.75" or 2.25" thick and are available in

Woodgrain Finishes

Our LVL (laminated veneered lumber) cores include a stain-grade wood veneer on the interior that allows fir. Custom wood species are available.













Series 9500 Bi-Fold Door





Concealed Locking System

The Series 9500 includes a hidden stainless steel multi-point lock to secure its large sliding panels, providing additional strength and protection. A keyed cylinder option is available.

Clean Design

The Series 9500's contemporary look includes a 2.25" x 3.5" stile for additional glass and light, and a frame and sill depth of 4.5", allowing it to integrate into nearly any wall condition.

Thermally Broken Aluminum

Thermally broken aluminum provides an insulating barrier that increases energy performance.

Climate Ready Glass

Our dual-pane low-E glass can be customized in a number or types and colors for improved privacy, protection, and thermal efficiency.

Smooth Operation

Sealed stainless steel ball bearing rollers make our bi-fold door easy to operate.

Configurations and Sizes

The Series 9500 Bi-Fold Door System is available in a multitude of configurations, with panels up to 42" wide and 12' tall (not to exceed 264 pounds per panel). Sixteen-panel maximum, eight in each direction. For additional flexibility, the Series 9500 can be specified to swing inward or outward.



Carrier Hinge - Bottom Load Bi-Fold



Heavy Duty Carrier Hinge - Head Load Bi-Fold

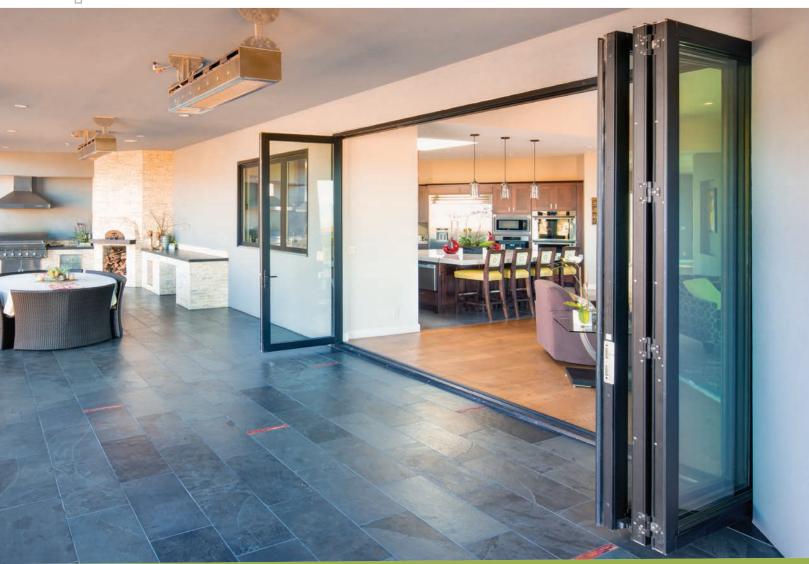


Carrier Hinge - Head Load Bi-Fold

Heavy Duty Hardware

Our stainless steel head load carriers and hinges are apable of handling panels weighing up to 264 pounds. Bottom load carriers and hinges can accommodate door panels weighing up to 176 pounds.

Options: Series 9500 Bi-Fold Door





Bottom-Load Water Barrier Sill

The water barrier sill safeguards against water intrusion while providing a tight seal. For bottom-loading bi-fold doors, where the bottom of the door carries the majority of the weight, the interior leg is 2.51". Thresholds are finished to match the color of the frame.



Bottom-Load Flush Sill

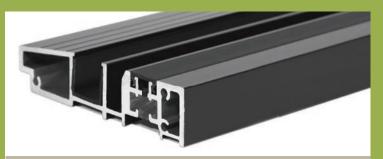
When ease of entry is more important than climate performance, the flush sill can line up with most interior flooring for a smooth transition to the outdoors. On bottom-loading bi-folds, the interior threshold height is 1.76' Thresholds are finished to match the color of the frame.

Note: The flush sill may be less effective at preventing water penetration than the water barrier sill and therefore may not be appropriate in all climates, conditions, and exposures.



Top-Hung Water Barrier Sill

The water barrier sill safeguards against water intrusion while providing a tight seal. In top-hung bi-fold doors, where the weight is concentrated in the heads, the interior leg is 1.82". Thresholds are finished to match the frame color.



Top-Hung Flush Sill

When ease of entry is more important than climate performance, the flush sill can line up with most interior flooring for a smooth transition to the outdoors. Top-hung bi-fold doors feature an interior threshold height of 1.07". Thresholds are finished to match the color of the frame.

Note: The flush sill may be less effective at preventing water penetration than the water barrier sill and therefore may not be appropriate in all climates, conditions, and exposures



U Track

For top-hung bi-fold doors intended for interior use only, the U track allows for a flush transition from room to room and is offered in a dark bronze finish.

Note: The U track is less effective at preventing water penetration than other sill options and therefore is not intended for exterior use.



D-Pull Handle - Inactive Lock Handle



High-Quality Handles

Designed for durability and comfort, each of our bi-fold doors features three high-quality, contemporary-looking handles. The Dallas handle, located on all active panels, includes an optional key lock. A D-shaped pull handle at the bi-fold's pivot points further aids in opening and closing the door. And an inactive lock handle at the door's pivot points secures

Dallas and inactive lock handles are available in brushed nickel or black. The D-shaped pull handle is available in stainless steel or black

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us





Smooth Operation

A continuous hinge, strong enough to support panels as wide as 5' and finished to match the frame color, keeps the Series 900 operating smoothly for years to come. An optional concealed overhead closure and secondary lock ensure that door is self-closing.

Thermally Broken Aluminum

The Series 900 Hinged Door is manufactured with thermally broken aluminum, which provides an insulating barrier that increases energy performance.

Climate Ready Glass

Our dual-pane low-E glass can be customized in several types, colors, and thicknesses for enhanced privacy, protection, and thermal efficiency.

Heavy Duty Hardware

On doors over 96" tall, roller catches are utilized to help pull the door in tight. Have your own custom hardware in mind? Contact a representative.

Built to Last

The top and bottom rails of the Series 900 Hinged Door nest with the stiles to eliminate sunlight at the corners. Each corner is secured with a tie rod for a permanent, rigid connection. On hinged door pairs, the passive panel features continuous weatherstripping for additional protection.

Configurations and Sizes

The Series 900 thermally broken hinged door is available as single leaf with medium stile up to a size of 45" x 121.5"; a single leaf with narrow stile up to 39" x 109.5"; a hinged pair with medium stile up to 87" x 121.5"; and a hinged pair leaf up to 75" x 109.5". Available in single or double inswing and outswing configurations. For even more design flexibility, it can be partnered with any of our window styles.



Options: Series 900 Hinged Door





Standard Threshold

Ideal for residential applications, the standard threshold is 4.5" wide and features a 1" exterior step (1.68" for inswing doors) that protects against water penetration and allows full perimeter weatherstripping on outswing doors, reducing air infiltration. Inswing 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 Threshold

The Series 900 Hinged Door utilizes a low-profile commercia threshold that favors ease of entry over protection from the elements. Available in satin and bronze anodized finishes. Capable of meeting ADA (Americans with Disabilities Act) requirements.

Note: The commercial threshold may be less effective at preventing water penetration than the standard threshold and therefore may no be appropriate in all climates, conditions, and exposures.



Single-Point Lock

When the added protection of a multi-point lock isn't necessary, the single-point lock secures the door in one place. Available only with the premium handle.



Type C Lock

Our standard deadbolt lock, the heavy-duty Type C feature a 1.12" backset on narrow-stile doors and a 1.5" backset on medium-stile doors.



Multi-Point Lock

ever-activated, the multi-point lock provides additional retrical strength and security through several locking points in the jamb or inactive stile.

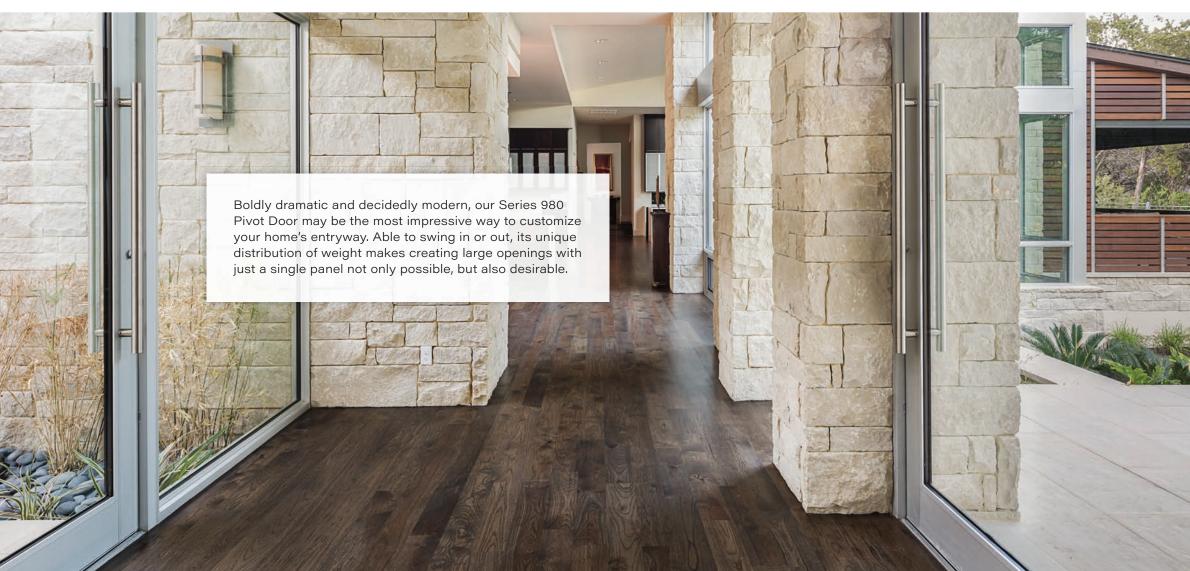
Premium Handle

Our premium handle features a minimal one-piece design and comfortable grip. Finish choices are available in brushed nickel or black. Available only with the 4.71" and 3.15" stile.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.

Series 980 Pivot Door





Commercial Threshold

The Series 980 Pivot 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 ADA (American Disabilities Act) requirements.

Note: The commercial threshold may be less effective at preventing water penetration than the standard threshold and therefore may not be appropriate in all climates, conditions, and exposures.



Smooth Operation

Our custom pivot hardware supports the weight of the door on the bottom arm, creating less stress on the frame and allowing the door to swing smoothly and effortlessly. Even massive doors weighing up to 500 pounds open with ease. An optional concealed overhead closure and secondary lock ensure that door is self-closing.



Heavy Duty Hardware

Standard hardware includes the Type C lock (our standard deadbolt lock with a 1.5" backset), top and bottom roller catches to help pull the door in tight, and a 48" tall ladder-style pull handle available in a brushed stainless or black finish.



Clean Design

Large glass and a minimal frame allow for more light and a modern style. For commercial use, a 4.5" frame depth is comparable to that of typical storefront systems.

Durability

Built to last, our pivot doors are designed with secured corners and top and bottom rails that nest with the stiles for a permanent, rigid connection.

Climate Ready Glass

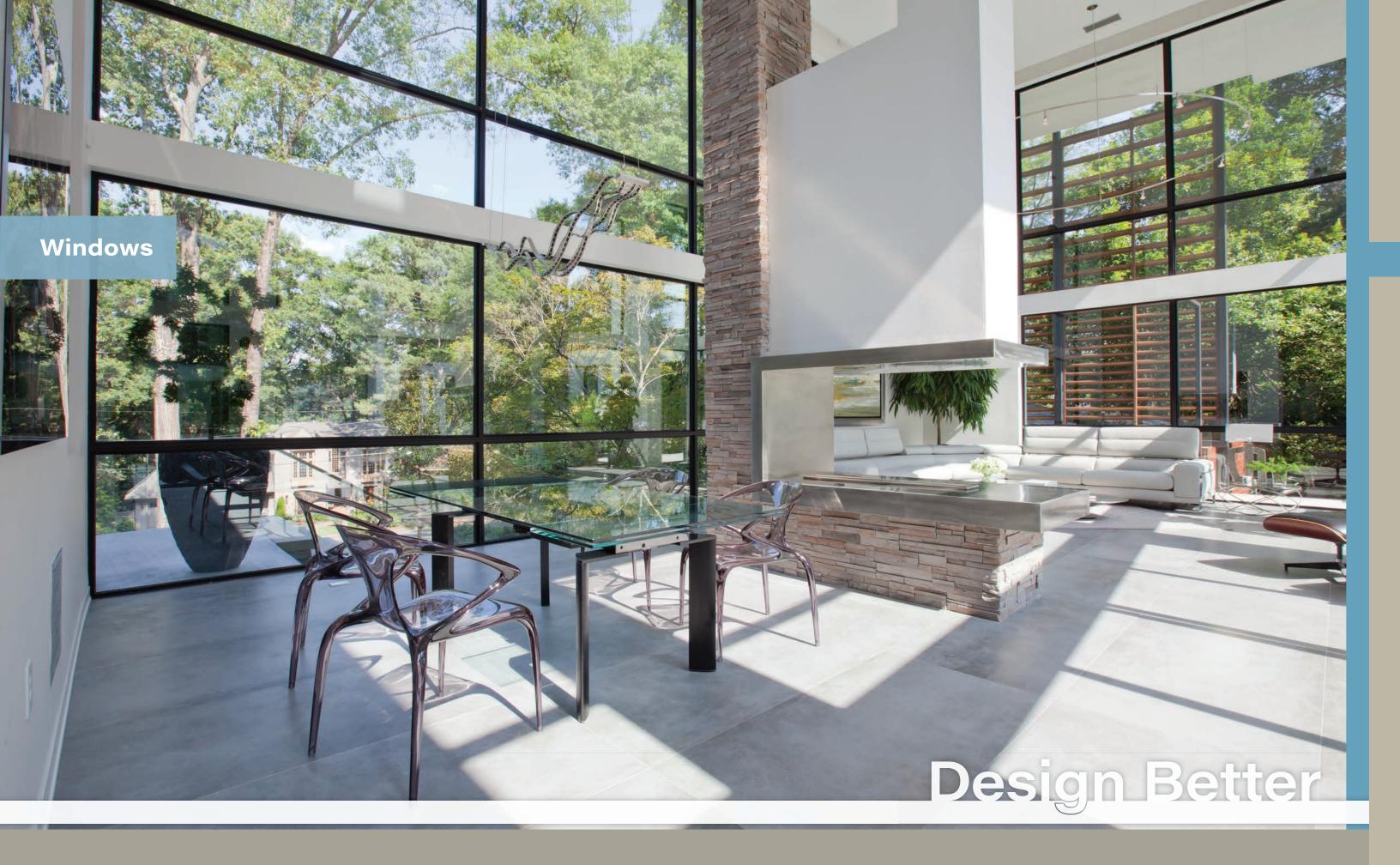
Our dual-pane low-E glass can be customized in a variety of types, colors, and thicknesses for improved privacy, protection, and thermal efficiency.

Configurations and Sizes

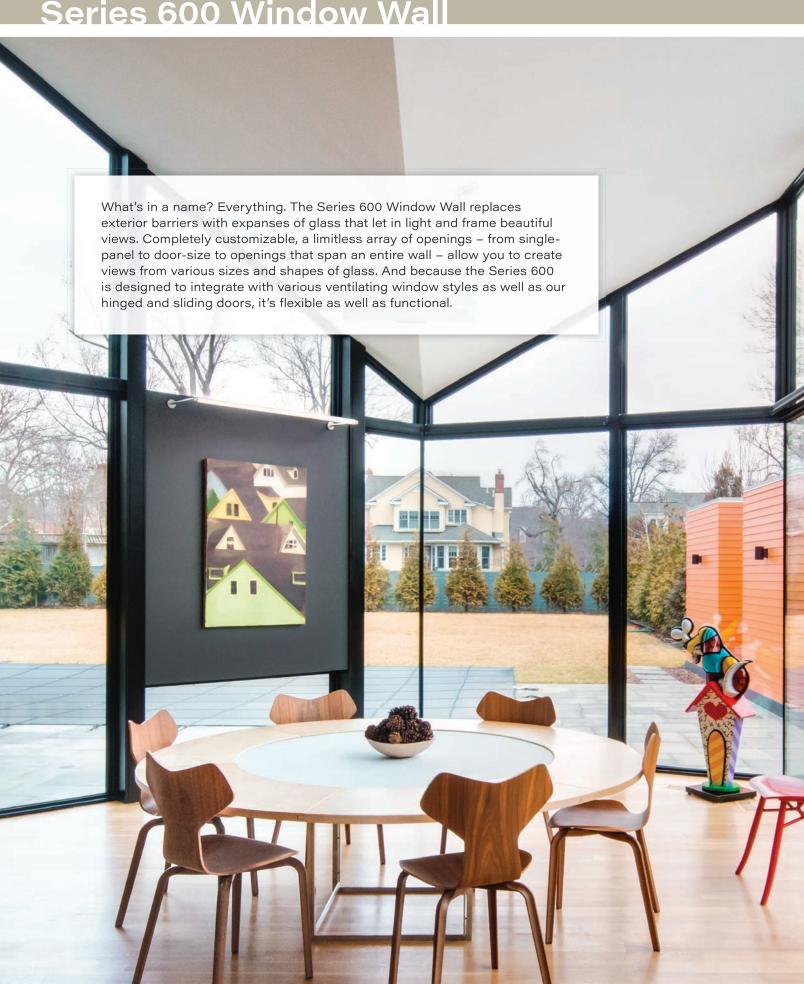
The Series 980 Pivot Door can swing in or out, and is available in stile widths of 4.71" (with panels up to 63.75" wide and 122.75" tall). For even more design flexibility, it can be partnered with any of our window styles.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.



Series 600 Window Wall





Seamless Integration

Sliding Glass Doors, and Series 670 hinged windows to

Clean Design

The mulling process for the Series 600 Window Wall combines window frames while keeping sightlines narrow, resulting in a clean, contemporary look that can be replicated

Classic or Thermally Broken Aluminum

option provides the same functionality, but with an insulating barrier that increases energy performance in

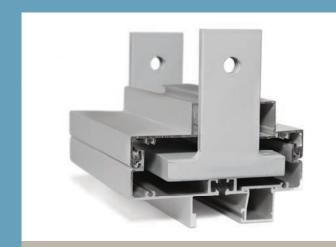
Configurations and Sizes

to DP50. 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. The Series 600 Window Wall is designed to integrate with various ventilating window styles as well as our hinged and sliding doors.

Climate Ready Glass

Tested for Durability

at sizes up to 60" x 120." (CW-PG50 includes a design



Steel Support

and wind resistance.

Options: Series 600 Window Wall





Even Sightlines

When mulled together, the Series 600 offers a narrow, 3" sightline from glass to glass for a more balanced anc symmetrical appearance.

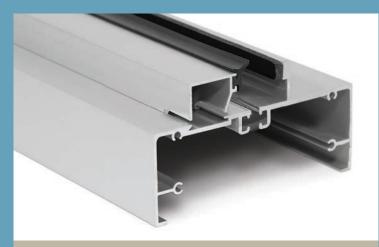
Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. Fo exact paint swatch samples, contact us.



Standard Base Sill

The standard base sill for the Series 600 Window Wall is 0.75" tall and is used around the perimeter of all Series 600 fixed windows.



High Base Sill

Perfect for fixed windows that will sit directly on a finished floor, the high base sill is 1.75" tall.

Note: For additional protection against the elements, the perimete of the Series 600 Window Wall is available with an extruded nail fi



Standard Stop

The standard stop for the Series 600 Window Wall features a classic stepped profile with removable stops for re-glazes and weep holes at the base. Available in multiple dimensions, it ca accommodate glass sizes from 0.25" to 1".



Flush Stop

at the base, the flush stop provides the look of a typical storefront. Used exclusively in conjunction with 1" glass.





Clean Design

Designed with a 4.5" frame depth, the Series 670 can be directly mulled to most Western Window Systems products, including hinged doors, sliding doors, and fixed window walls.

Sloped Sill

For improved water drainage, each window style in the Series 670 line includes a sloped sill.

Thermally Broken Aluminum

Thermally broken aluminum provides an insulating barrier that increases energy performance.

Climate Ready Glass

Our dual-pane low-E glass can be customized in a variety of types, colors, and thicknesses for improved privacy, protection, and thermal efficiency.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.

Casement



Smooth Operation

Butt hinges and a roto operator make for effortless opening and closing.

Window Heads

Western Window Systems offers a raked head window shape option for the Series 670 Casement.

Locking System

The Series 670 Casement features a hidden multi-point locking system.

Heavy Duty Hardware

For strength and smooth operation, Western Window Systems uses premium hardware for its windows. All fasteners are stainless steel.

Sizes

The Series 670 Casement is available in widths from 16" to 42" and heights from 16" to 120".

Screening

Manufactured from extruded aluminum for durability, screens employ an easy-to-use concealed ball catch system. Screen frames are finished to match the window's frame color. For casements, which swing out, screens are mounted to the interior.



Roto Operator

Push-Out Casement



Locking Handle

Smooth Operation

Stainless steel four-bar hinges with an adjustable tensioning device to keep the sash in place when open.

Locking System

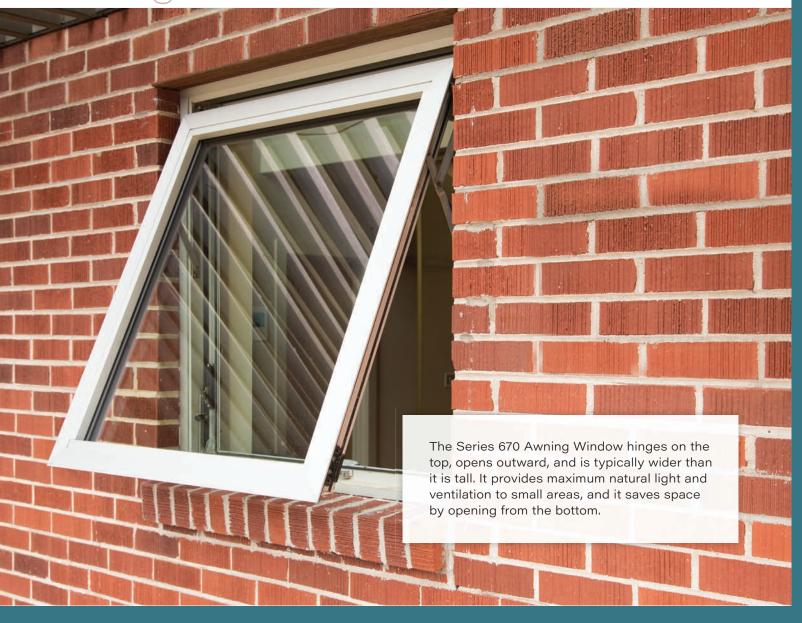
The Series 670 Push-Out Casement features durable locking handles.

Heavy Duty Hardware

For strength and smooth operation, Western Window Systems uses stainless steel hardware for its windows. High-quality interior hardware is available in brushed nickel.

Sizes

The Series 670 Push-Out Casement is available in widths from 16" to 36" and heights from 16" to 72".



Smooth Operation

For performance and control, the Series 670 Awning employs a double scissor-arm operator.

Screening

Series 670 screens are designed to provide protection from outside pests while complementing the window's clean, contemporary style. Manufactured from extruded aluminum for durability, the Series 670 screens employ an easy-to-use concealed ball catch system. Screen frames are finished to match the window's frame color.

Sizes

The Series 670 Awning is available in widths from 21" to 60" and heights from 16" to 48".

Push-Out Style

The Series 670 Awning also is available in a push-out style with cam lever handles. Screens are not available.

Locking System

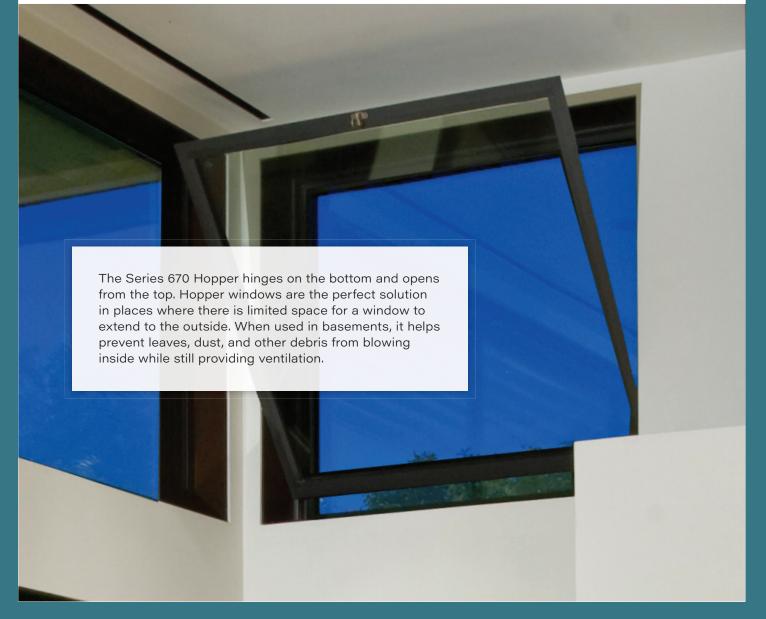
The Series 670 Awning features a hidden locking system.

Heavy Duty Hardware

For strength and smooth operation, Western Window Systems uses stainless steel hardware for its windows. Highquality interior hardware is available in brushed nickel or painted to match the frame finish.

Motorized Operators

For awning windows in hard-to-reach areas, Western Window Systems offers a motorized operator for ease of use.



Sizes

The Series 670 Hopper is available in widths from 16" to 60" and heights from 16" to 48".

Locking System

The Series 670 Hopper locks with a pawl handle or ring pull.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.

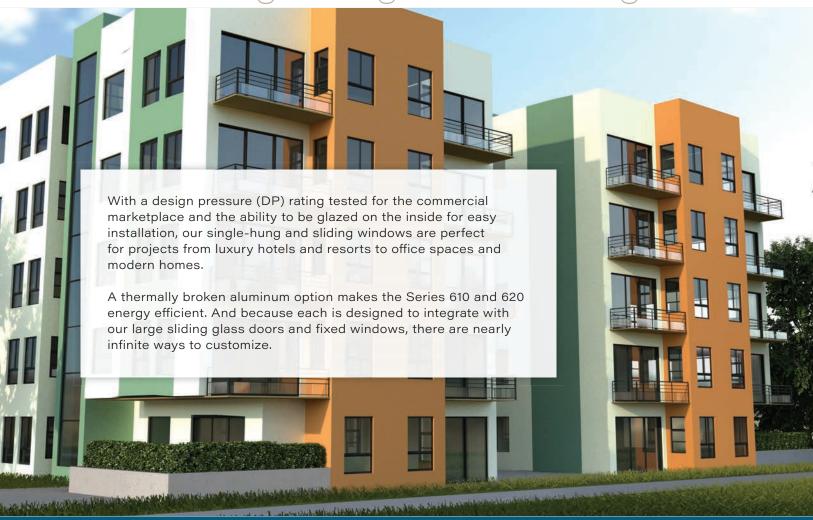
Screening

Series 670 screens are designed to provide protection from outside pests while complementing the window line's clean, contemporary style. Manufactured from extruded aluminum for durability, they employ an easy-to-use concealed clip system. Screen frames are finished to match the color of the window frame.

Heavy Duty Hardware

Depending on size and placement, the Series 670 Hopper is available with a pawl handle or ring-pull latch with an extension pole. High-quality interior hardware is brushed nickel.

Series 610 Single-Hung and 620 Sliding Window



Clean Design

Engineered for smooth operation, maximum ventilation, and a modern aesthetic, our single-hung and sliding windows are designed with premium hardware and a 4.5" frame depth.

Mulling Options

Both window styles can be directly mulled to most Western Window Systems product lines, including hinged doors, sliding doors, and fixed window walls. This male/female mulling feature is unique in aluminum fenestration products because it eliminates the need for operable inserts while maximizing glass and narrowing sight lines.

Locking System

A positive-acting T-lock engages an integrated strike in the frame's center bar. Available in black and brushed nickel finish.

Screening

Designed to provide protection from outside pests while complementing a clean, contemporary style, screens are included with all single-hung and sliding windows.

Tested for Durability

Because we build and test our windows to last, you can enjoy your Western Window Systems product for years to come. Each of our product families is tested for air, water, and structural performance and certified by the NFRC (National Fenestration Rating Council) and AAMA (American Architectural Manufacturers Association).

Climate Ready Glass

We use dual-pane low-E glass for better energy performance. Glass can be customized in a variety of types, colors, and thicknesses for improved privacy, protection, and thermal efficiency.



Series 610 Single-Hung Window

The Series 610 Single Hung Window features a top sash that is fixed and a bottom sash that moves up to open and let in fresh air. Sometimes referred to as a sash window, it's easy to operate, and its clean, contemporary look makes it ideal for any home style.

Spiral Balancers

The Series 610 is equipped with spiral balancers for better adjustability and smoother operation to control the sash in the open position.

Locking System

Window locks are T-latch and concealed with a slim cover. Available in black and brushed nickel finishes.

Sizes

Single-hung windows are available with a maximum vent size of 48" in width and 36" in height and with a frame height up to 96". Vent height is typically half the window height. Custom vent heights are available, but cannot exceed half the window height.



Series 620 Sliding Window

Offering a maximum view to the outdoors, the Series 620 Slider features two or three sashes aligned horizontally and sliding left or right. One sash slides open in a single slider. A double slider allows both sashes to open.

Sizes

A double sash option is available up to 96" in width and 72" in height. Triple-sash windows are also available.

Finishes

Aluminum finishes are available in-stock, as designer selections, and can be customized to match nearly any color. For approximate finish options, see page 120. For exact paint swatch samples, contact us.

Hardware

All fasteners on the sliding window are stainless steel. The roller is modeled after our popular multi-slide door.

Screening

Included with all single-hung and sliding windows, our screens are made of extruded aluminum for additional strength.





Customer Care

From product guidance to pricing to technical assistance, our knowledgeable representatives are committed to answering your questions the way you want them answered – quickly and efficiently. Talk direct to a representative at our headquarters in Phoenix or connect with us online at westernwindowsystems.com/contact-us.

Shortened Lead Times

To help keep your project on time and on budget, we offer some of the shortest production lead times in the industry. Production lead times on every product we make are updated daily. To get the most current lead times, contact a Western Window Systems representative at westernwindowsystems.com/contact-us.

Online Resources

Find specifications, watch installation videos, and download resources like energy values and product brochures. Look for them under the "WWS for Professionals" tab at westernwindowsystems.com.

Installation Advice

We recommend installation be performed by an experienced professional working in accordance with the tested and accepted installation techniques of the American Architectural Manufacturers Association (AAMA). Installation instructions are supplied with all of our products and can be found on our website. Following these instructions is required for correct installation and maintaining product warranty.

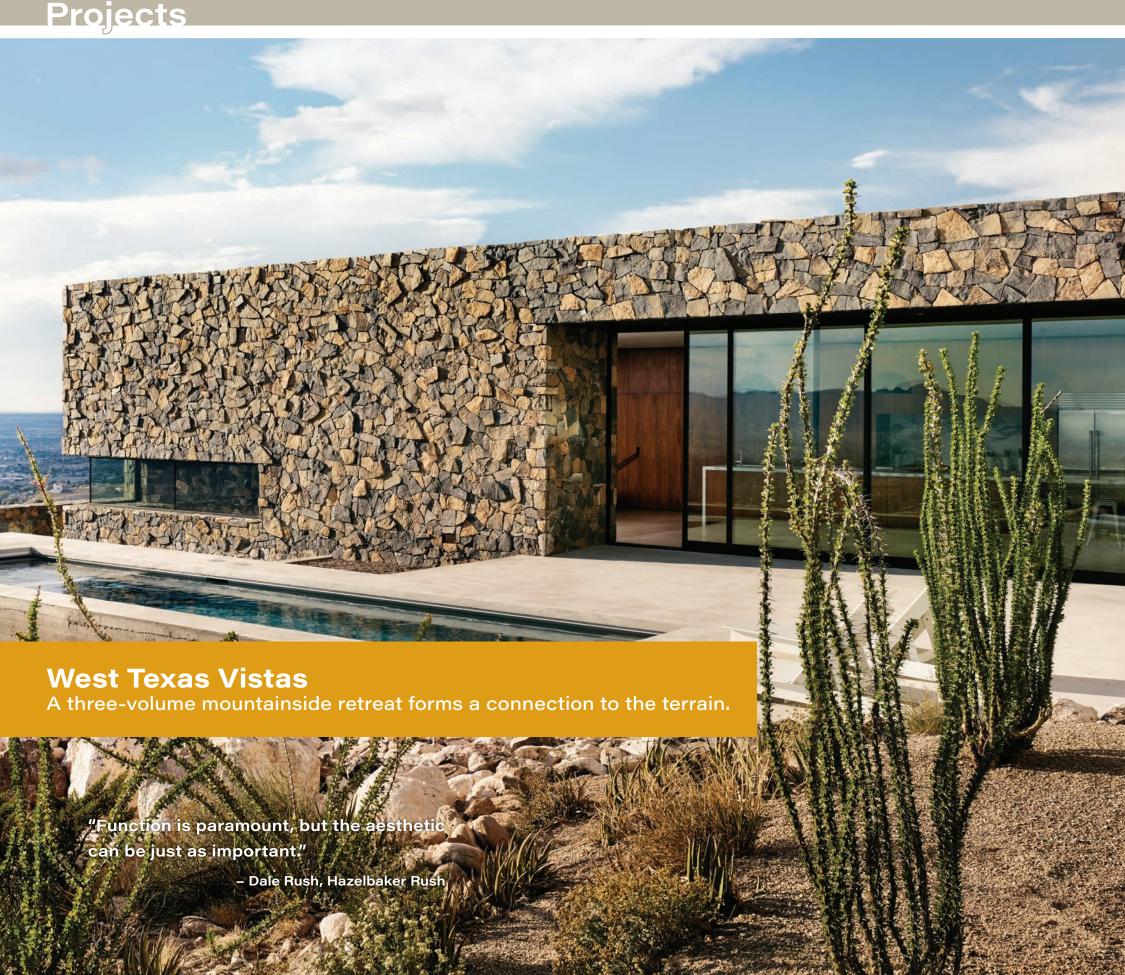
Cleaning and Care

At westernwindowsystems.com, you'll find tips and detailed information to keep your Western Window Systems products performing their best: care during installation, cleaning materials and recommendations, lubricating hardware, and inspections.

Insulated Glass Warranty

We offer a limited lifetime warranty that our insulating glass will be free of permanent material obstruction of vision due to a premature failure of the air seal. For full warranty details, visit westernwindowsystems.com/support/warranty-information.







The master suite's multi-slide door seamlessly merges the interior of the upper volume with the rugged landscape outside.

n a starkly magnificent mountainside 800 feet above El Paso, Texas, architects Darci Hazelbaker and Dale Rush have designed a modernist masterpiece befitting the rugged landscape on which it is perched. To blend in the Franklin Mountain House with its environment, Tucson-based firm Hazelbaker Rush built much of the threestory residence with the naturally occurring volcanic rock basalt and granite.

And to make the most of the unfettered views of downtown El Paso and bountiful West Texas sunshine, Hazelbaker and Rush turned to Western Window Systems, with its huge panels of glass and contemporary sightlines, to make the most of the vistas.

"Each room of the home has a direct connection to the adjacent outdoor living spaces and to the mountain landscape and valley views beyond," says Rush. "The sliding doors and large windows are integral in reinforcing this connection with the natural world beyond the envelope of the home."

Continued on next page

The white stucco volume stands out amid the rocky terrain of the Franklin Mountains near El Paso.



Projects





Indeed, in the third-level master suite, a massive Series 600 Stacking Multi-Slide Door opens to the eastern lawn and patio facing up the mountain slope, seamlessly merging the indoors with the outside.

"The multi-slide in the master suite allows the owner the option to open up the bedroom to the patio or the bathroom," Rush says. "It's a flexibility that isn't afforded with standard sliding options."

Similarly, a huge four-panel stacking multi-slide door, with its easy and reliable operability, opens up the wide kitchen and dining area to a patio and swimming pool on the west side of the home. Given the elevation of the hillside home, cool Texas breezes can course through the main level when the doors are open.

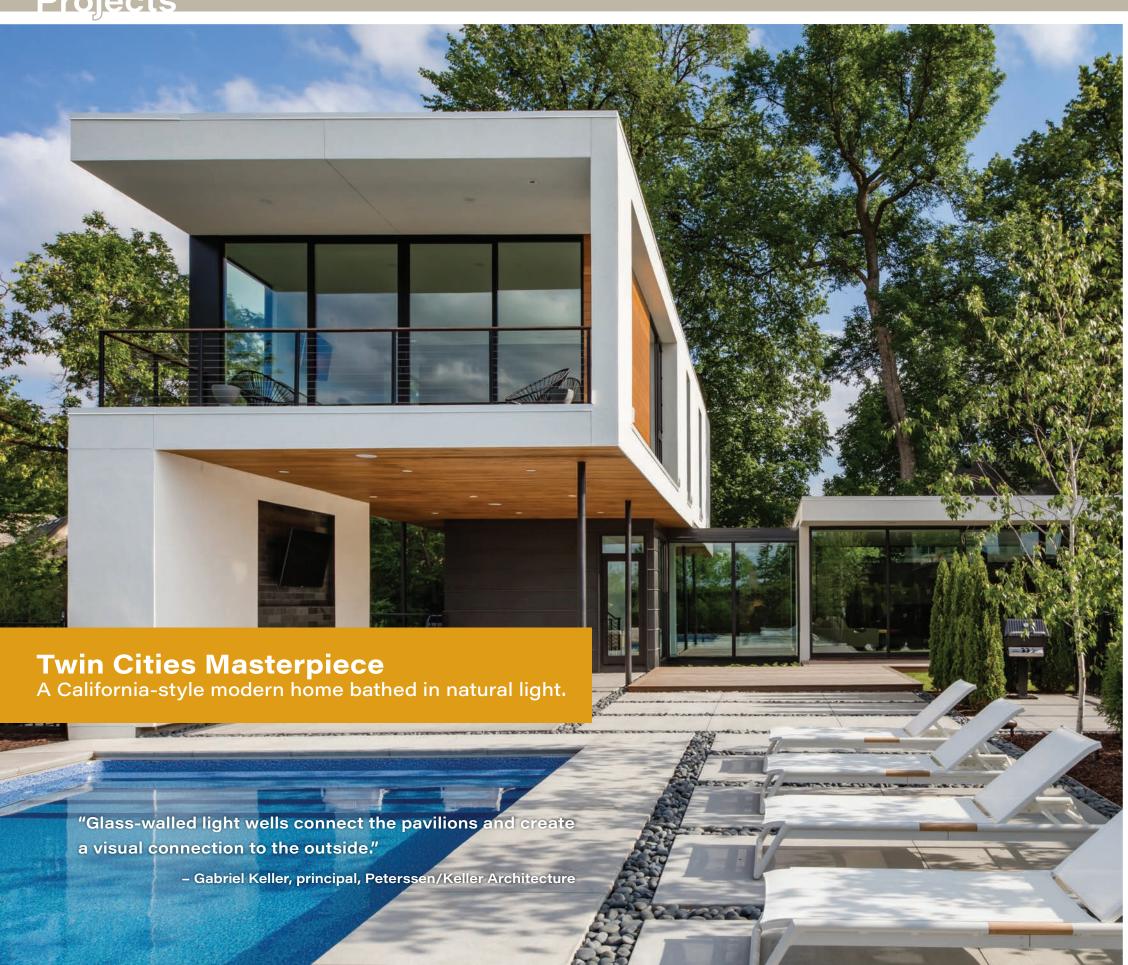
"We like to use well-engineered products with clean lines," Rush says. "Function is paramount, but the aesthetic can be just as important. Doors and windows are some of those elements that you touch and interact with on a daily basis. How they look, how they feel, and how they work can all determine the quality of the home."

The third-floor volume features in an eye-catching triad of Series 670 Fixed Windows, each just a couple feet tall by several feet wide, creates a south-facing strongly horizontal wall of glass overlooking the pool that gives a glimpse of the horizon while not flooding the bedrooms with the strong West Texas sun.

A multi-slide door in the master suite opens up to the natural mountain preserve.



Projects





The second-story master suite features views of Minneapolis' Lake Calhoun.

hen an architecture-loving client approached Peterssen/Keller Architecture about designing a three-pavilion home on an unusual L-shaped lot near Lake Calhoun in Minneapolis, the firm made the most of the request.

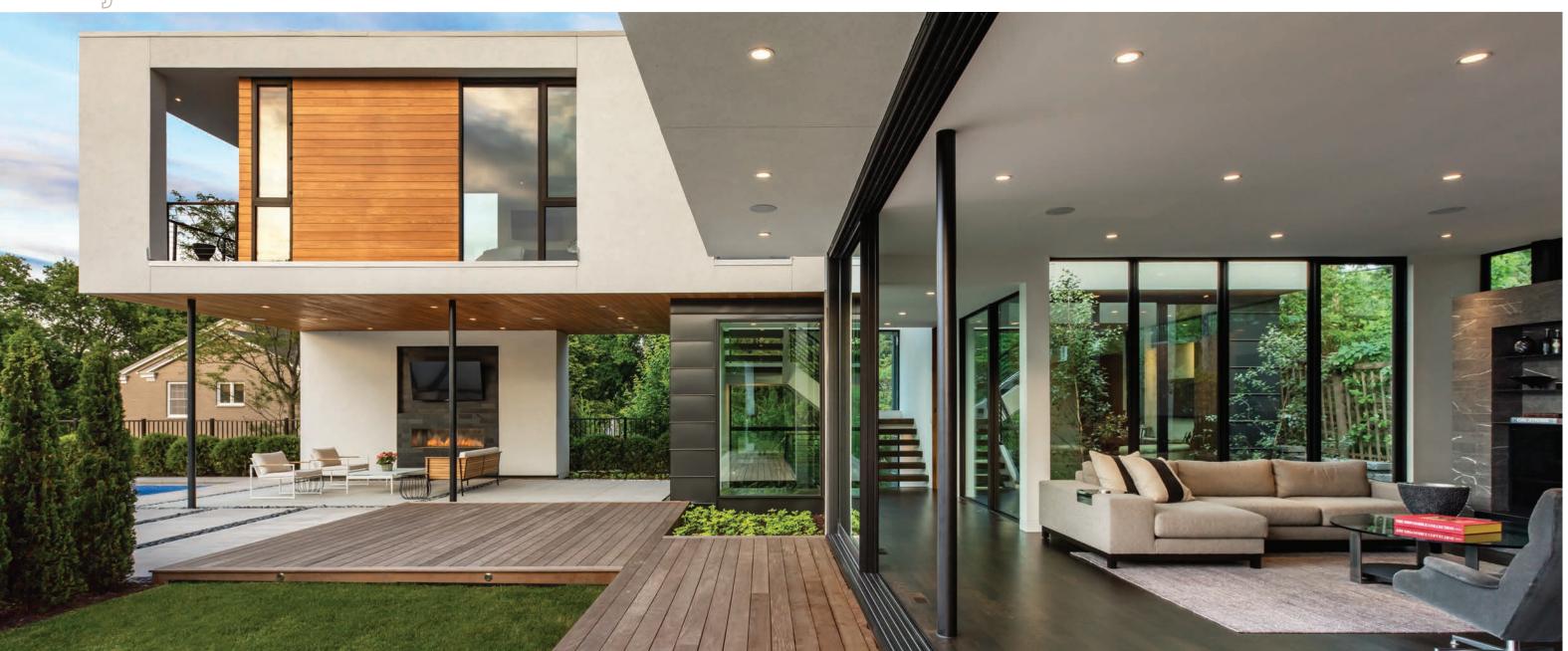
"The concept of indoor-outdoor living is integral to the design of the home, as the light-filled pavilions enclose a private courtyard with a swimming pool and patio," says Gabriel Keller, a principal at the Minneapolis firm. "Glass-walled light wells connect the pavilions and create a visual connection to the outside."

The first pavilion in the 4,500-square-foot home is a single-story two-car garage that faces the street. The second pavilion contains an integrated kitchen, living room, and dining room, as well as guest rooms, office, and media room. And the third pavilion, cantilevered over the patio, houses the master suite.

It's there that a Series 600 Sliding Glass Door opens to a balcony deck that provides panoramic views of downtown Minneapolis and the lake.

The highlight of the second pavilion is a 25-foot-wide Series 600 Multi-Slide Door that opens from the integrated kitchen/dining area/living room to a courtyard that features a wooden pathway to an outdoor living space and swimming pool.

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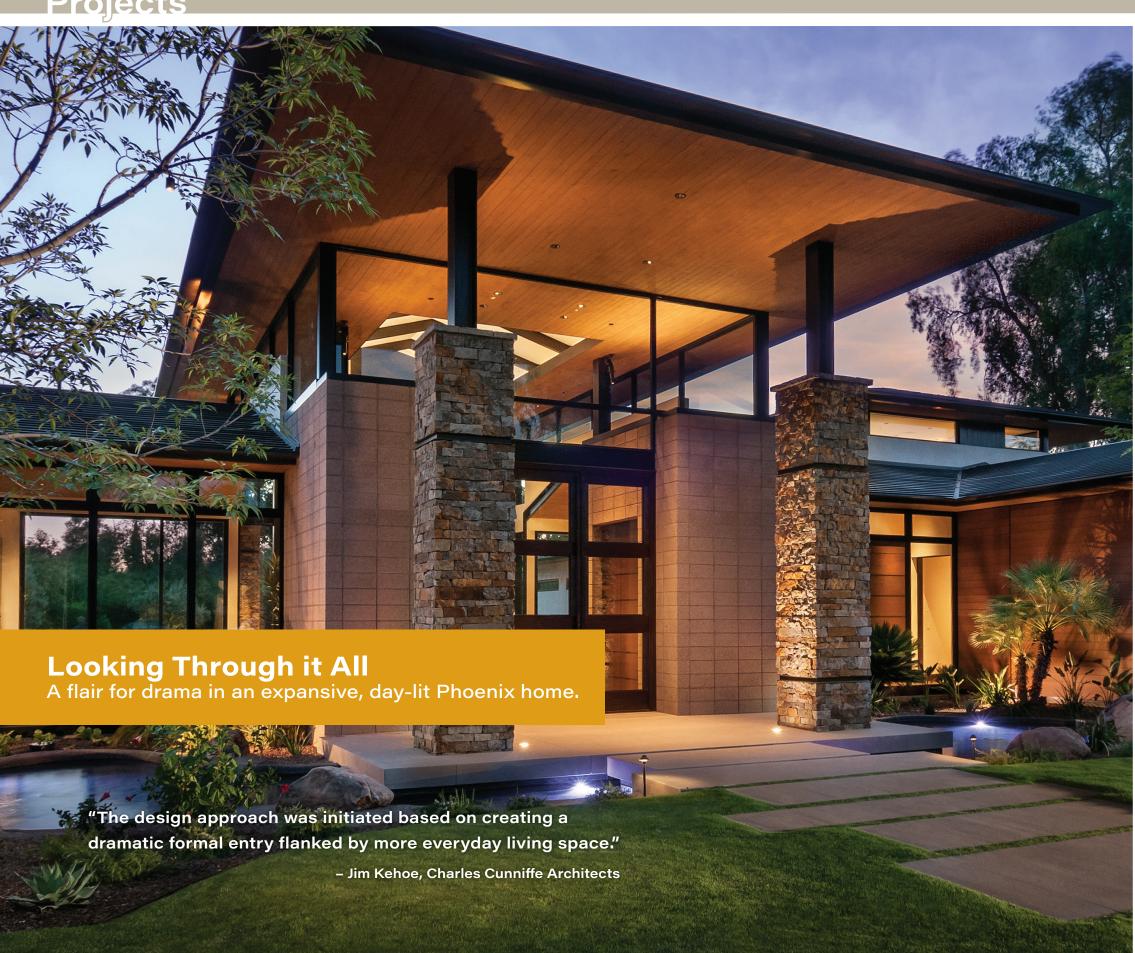




"These sliding doors provide cool, even light from the north," says Lars Peterssen, a principal at the firm. "We appreciate working with Western Window Systems because the products allow us to replace traditional solid walls with expansive glass 'walls."

Elsewhere throughout the house are fixed windows of various shapes and sizes, including floor-to-ceiling pieces in the master suite and main entry.

"Whether we're designing a brand-new, organic modern home or renovating an iconic midcentury home, we value the way Western Window Systems' entry doors, sidelights, windows, and sliding doors help bring our designs to life," says Peterssen.





or its first home design in Phoenix, Charles Cunniffe Architects of Aspen, Colorado, envisioned a plan that maximized two of the desert city's two appealing attributes: sunshine and a climate conducive to nearly eight months of indoor-outdoor living.

The result is an 8,000-square-foot contemporary home (aptly named The Phoenix) that features numerous vast expanses of glass, including large multi-slide doors that seamlessly merge the inside of the home with a large outdoor living space and a huge backyard and pool.

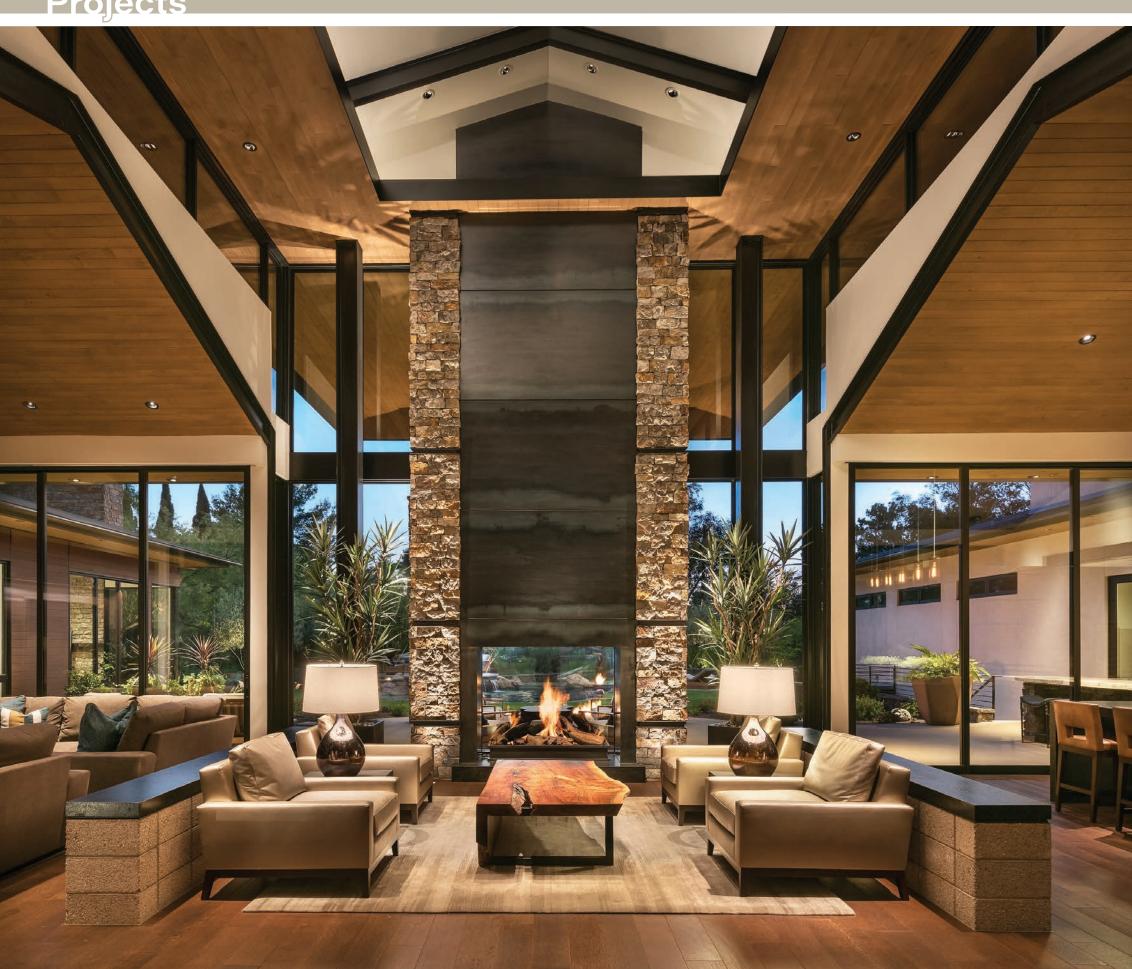
"The design approach was initiated based on creating a dramatic formal entry flanked by more everyday living space," says lead architect Jim Kehoe. "And that evolved to a very open space, day-lit with floor-to-ceiling glass walls with a close connection to the landscape in the front and back."

Kehoe's design employed a full complement of Western Window Systems products, including a fixed Series 600 Window Wall, multiple Series 600 Multi-Slide Doors and Sliding Glass Doors, Series 900 Hinged Doors, and Series 670 Awning, Casement, and Fixed Windows. All the products, Kehoe says, fit in well with the design philosophy of Charles Cunniffe Architects because of the products' clean appearance, minimal sightlines, and their ability to maximize glazing units.

Continued on next page

Smaller pieces of glass were used in rooms requiring less natural light.







Vast expanses of glass bathe the 8,000-square-foot home in natural light.

"Given the aesthetic quality the owner wanted," he says. "Western Window Systems provided a huge advantage when you're looking at a modern approach to the design and reductive approach to the material palette."

The ability of Western Window Systems to create very large floor-to-ceiling glazed units meant that Kehoe could design 12- to 13-foot openings, which in the front of the house give the appearance of the roof hovering over the main space. From wall to wall, expansive openings bring in natural light. It's so open, in fact, that from the front yard one can see through the main living space into the backyard.

With all the large glass in the open spaces, deep overhangs became essential to the design in order to cut down the heat transfer through the glass during Phoenix's scorching summers. And in the more everyday living spaces on the east and west wings of the home, smaller pieces of glass were used because these areas require less daylight.

But it's the dramatic entryway and main living space that take the breath away and provide a transition to an outdoor living space and the landscape beyond it.

"When you open up the back patio sliding doors," Kehoe says, "the two spaces adjacent to the patio flow directly to the outside. And you've got this large overhang that creates this very high roof over an outdoor room, and those spaces just coalesce as one."





At night, the west-facing window walls offer unparalleled views of the city lights.

future homeowner with a lot on the elevated east bench of Provo, Utah, knew exactly what he had in front of him: spectacular views of the city below and the huge Utah Lake beyond it. So he turned to designer Richard McCann of Blackbox Design Studios in Salt Lake City to provide him with a modern home that maximized the stunning vistas.

"The entire design of the home was centered on the lot and its views of the valley below," says McCann. "So the idea was to try to get as much glass as possible on the home's west facade, where the views were."

Mission accomplished. The beautiful two-story, 6,600-square-foot residence features two massive Western Window Systems window walls (one on each story) on the front of the home. Each window wall features five rows of three horizontal panels of large glass, perfect for letting in copious amounts of Utah sunshine.

"The owners have a less-conventional décor taste that really benefits from a lot of light. And the space is dynamic during any part of the day," says McCann, "whether you're taking in the sunset reflecting on the lake or looking out at the city lights at night."

And given that the huge array of glass panels faces west, solar heat gain was definitely a concern for McCann, but he reports that the Western Window Systems windows, with their low U-values and thermally broken aluminum frames, met the energy requirements needed. "And after a full summer in the home, the owner is very satisfied with the windows' energy performance."

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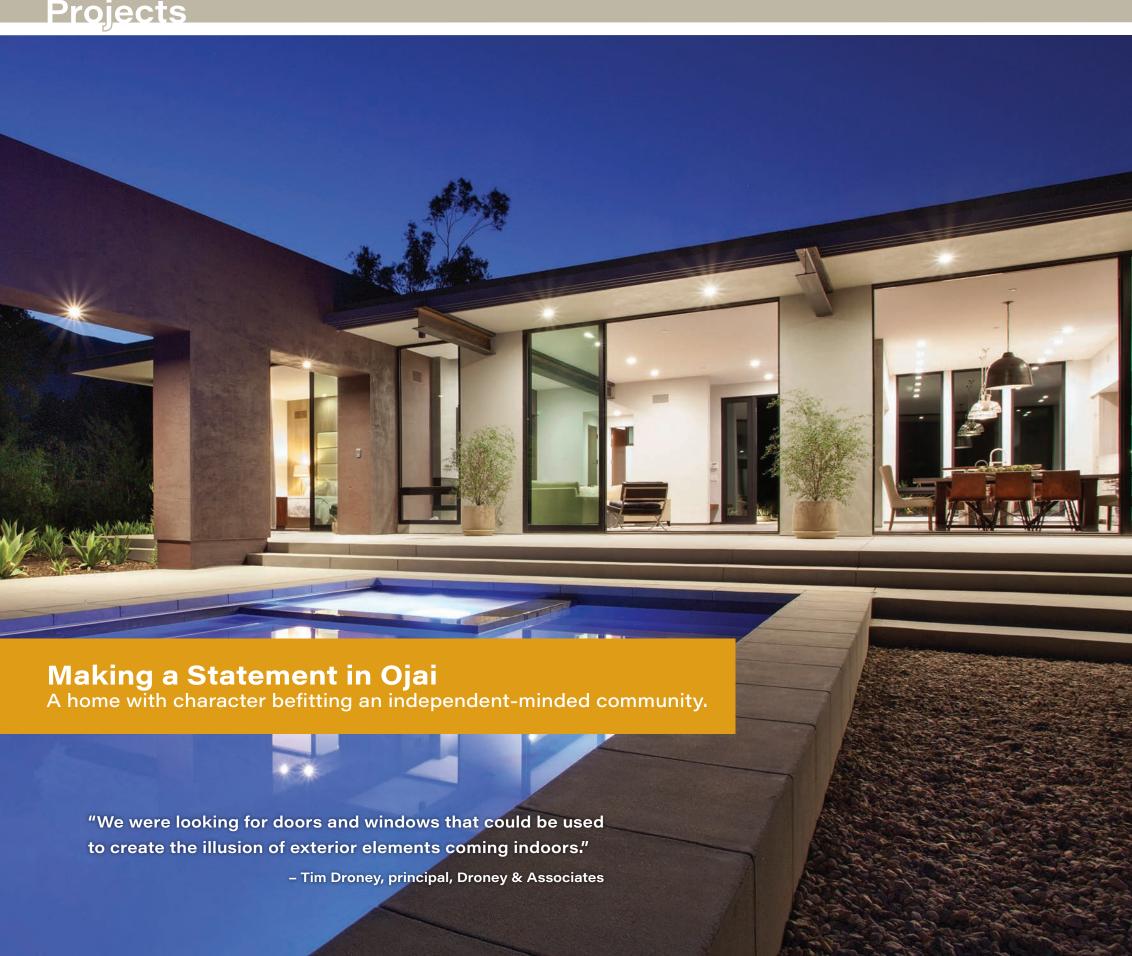






But it's not just the front of the house that benefits from huge glass. The back of the home features indoor-outdoor living areas connected by Western Window Systems multi-slide doors. One of them leads from an in-home recording studio through a glass walkway and out to the backyard swimming pool. Two other multi-slides open from the upper levels out to patios overlooking the backyards and providing still more striking views of the Provo valley.

"The owner wanted as much view as possible," says McCann, "so utilizing large multi-slide doors maximized both the natural light and the views. The multi-slide doors are a great option that allow for maximum access to the patios and outdoor spaces while still providing a smart, clean look that we were intent on achieving."





When all the doors are open, the ranch-style home in Ojai benefits from the cool Southern California evening air.

o understand the Ladera Project, it helps to get to know a little about the area in which the modern home sits. The small town of Ojai, in California's Ventura County, is upscale and breeds a sort of fierce independence, not allowing chain retailers and encouraging boutiques and the kind of small businesses that give a city its character.

In other words, Ojai is the perfect site for such a boldly conceived home as Droney & Associates' Ladera Project.

The monolithic structure, with its sleek, smooth steel finishes, takes any preconceived notions about stereotypical Southern California architecture and turns them upside down. Western Window Systems' contemporary windows and giant moving glass walls helped architect/designers Tim and Maraya Droney make the kind of statement Ojai-area homebuyers have come to expect from them.

Continued on next page

A giant Series 600 Multi-Slide Door connects the Ladera Project's magnificent backyard to the living room.







Indoor-outdoor living at its most elegant

"For this project, Maraya and I were looking for doors and windows that could be used to create the illusion of exterior elements coming indoors," Tim Droney says. "The monolith walls and large overhangs needed to have no interruption visually, and Western Window Systems had the sizes and profiles that allowed us to preserve those critical elements and sightlines."

A Series 980 Pivot Door at the entrance to the right of a monolith wall creates an eye-popping first impression. Once inside, floor-to-ceiling Series 600 Multi-Slide Doors in the living and dining areas grab one's attention and never really let go of it.

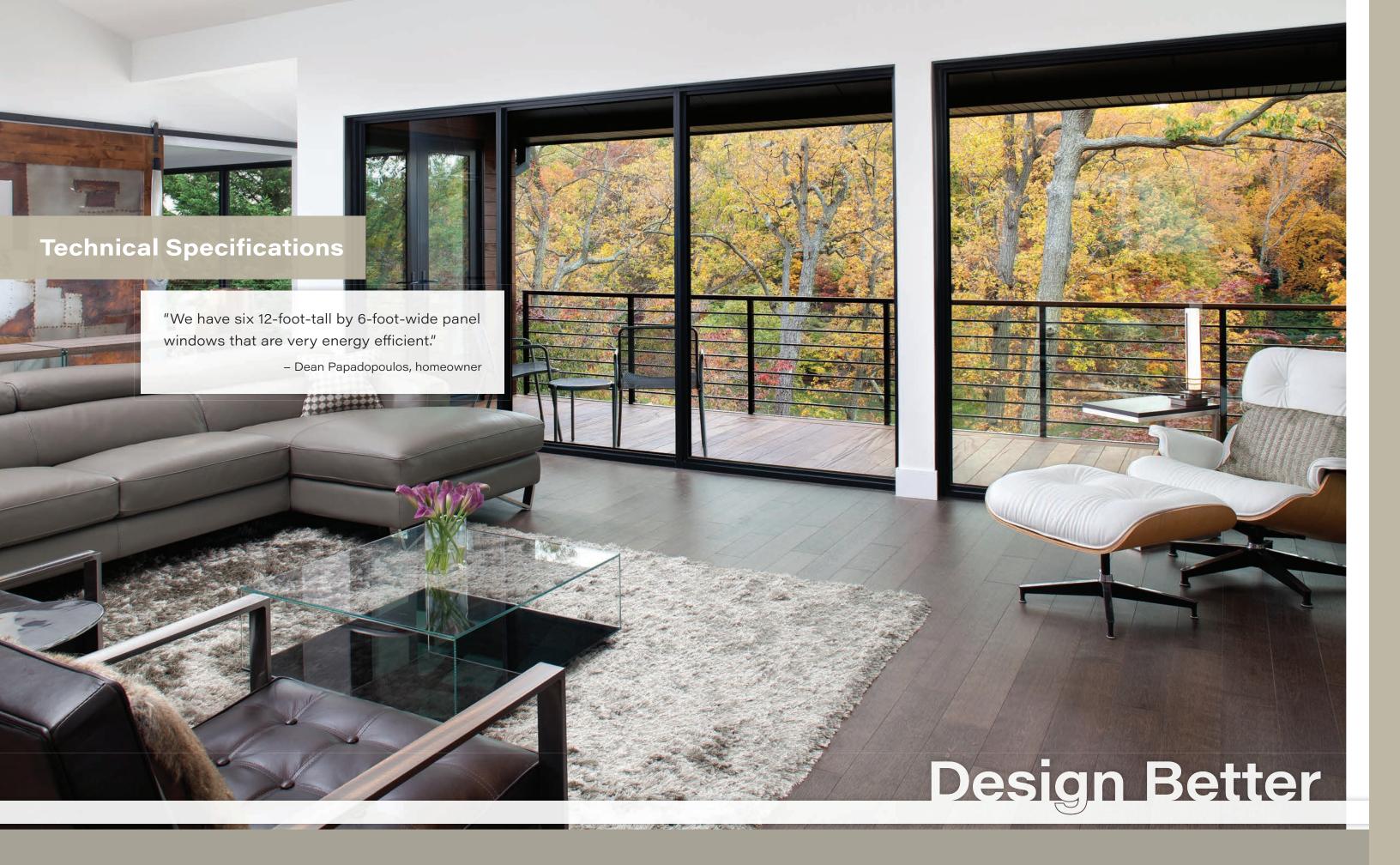
Elsewhere in the home, high ceilings and an open floor plan create a calm, expansive feel, as do sensible and straightforward finishes of Western Window Systems' products. "We like that Western Window Systems works with the same kind of modern design concepts that we like to explore," Droney says.

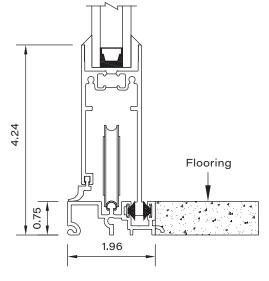
Stunning views of the mountains surrounding Ojai Valley also can be enjoyed in the contemporary kitchen, which features three floor-to-ceiling windows that fully integrate with Series 670 Hinged Windows positioned near the floor.

In the master bedroom, which also features pristine views of the valley, a floor-to-ceiling Series 600 Window Wall provides a modern feel and lets in loads of natural light. And the dual-pane, low-E glass is manufactured for better performance and energy efficiency.

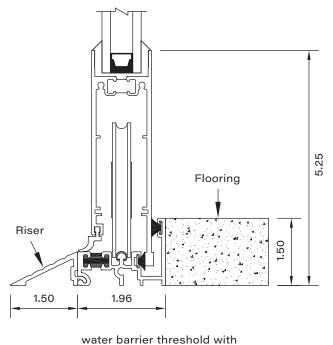
A giant Western Window Systems pivot door greets visitors to the Ladera







flush threshold with 1.81 diamter roller



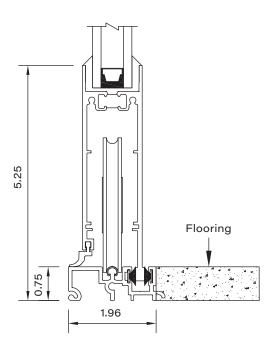
3.00" diameter roller and riser

Finished

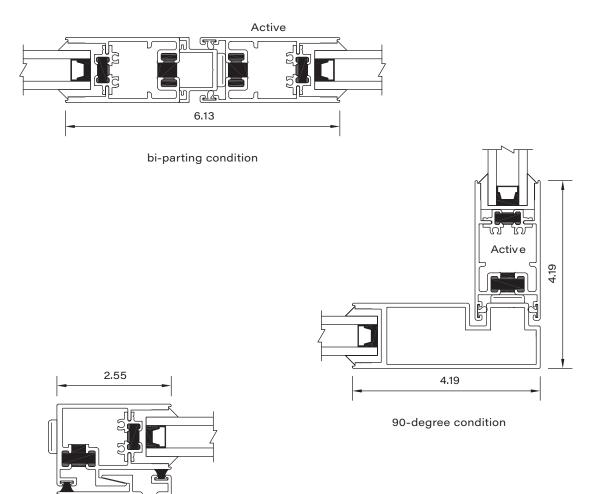
Flooring

thinline threshold with 1.81" diameter roller

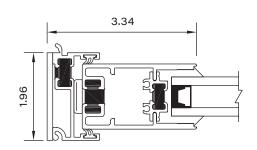
1.96



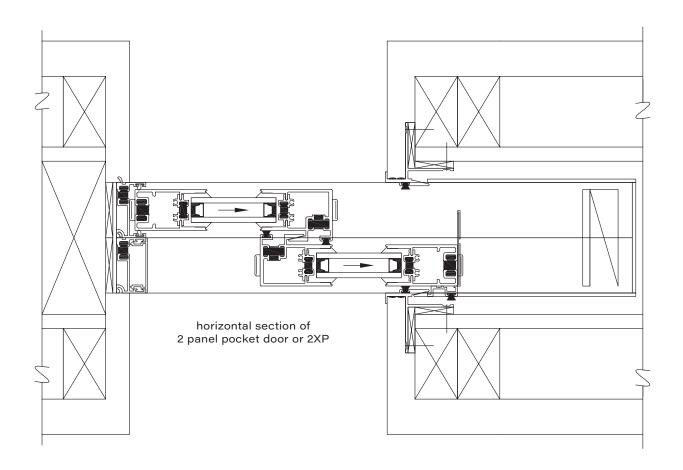
flush threshold with 3.00" diameter roller

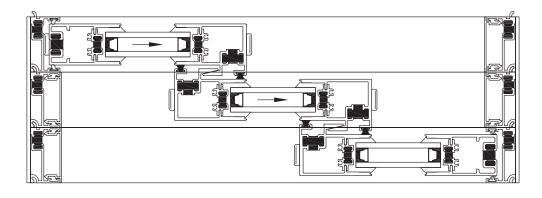


interlocking condition

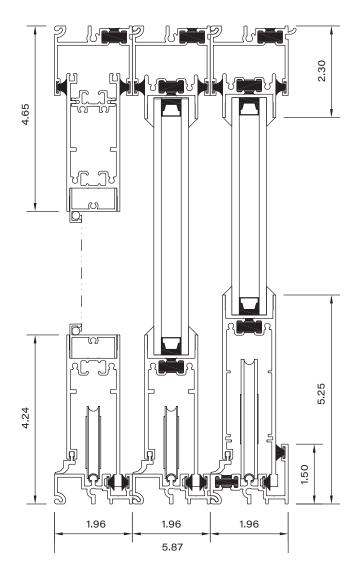


fixed position

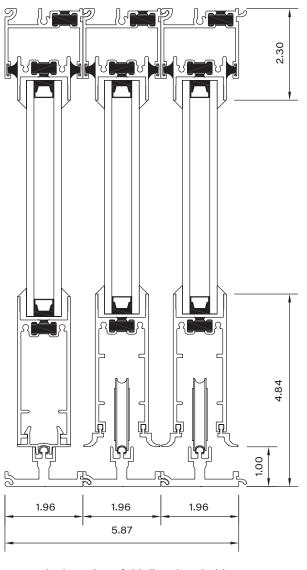




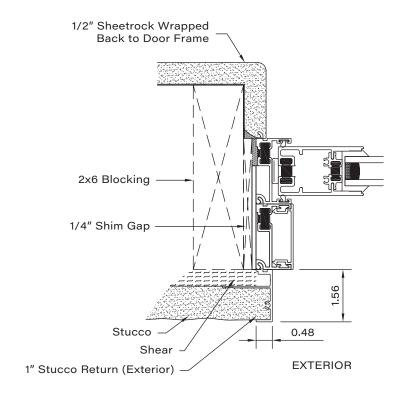
horizontal section of 3 panel stacking door or 2XO



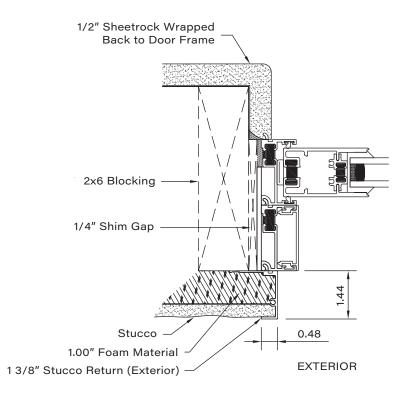
vertical section of exterior screen
1.81" diameter roller
3.00" diameter roller
water barrier threshold



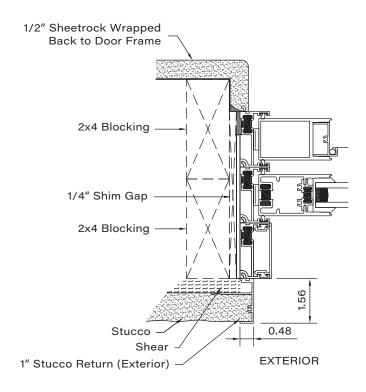
vertical section of thinline threshold with 1.81" diameter rollers



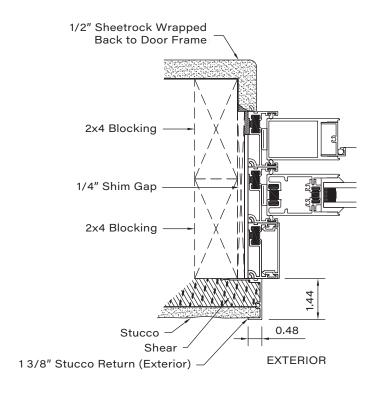
1" stucco return wall construction profile @ stud multi-slide stacking door jamb application



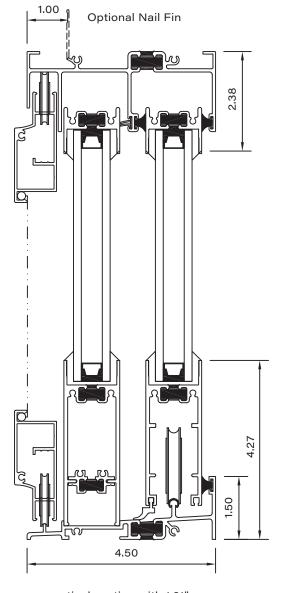
1.375" stucco return wall construction profile @ stud multi-slide stacking door jamb application



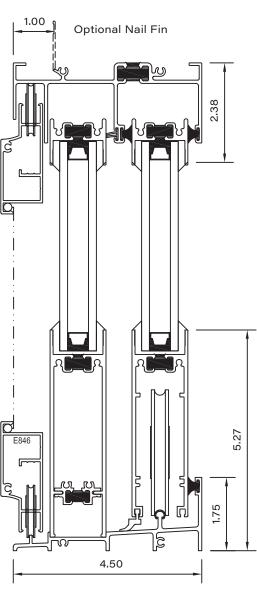
1" stucco return wall construction profile @ stud multi-slide stacking door jamb application



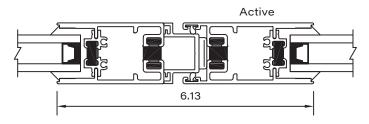
1.375" stucco return wall construction profile @ stud multi-slide stacking door jamb application



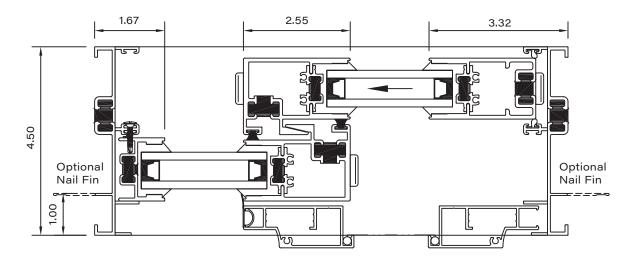
vertical section with 1.81" diameter rollers and 1.50" threshold



vertical section with 3.00" diameter rollers and 1.75" threshold

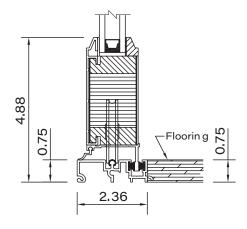


bi-parting condition

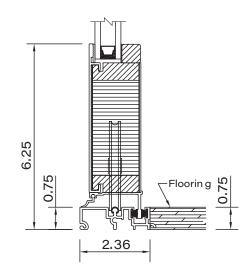


horizontal section OX

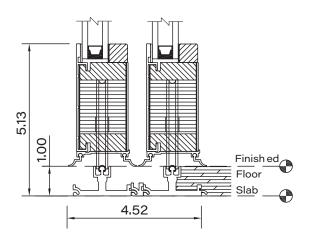
Series 2600 Aluminum-Clad Multi-Slide Door



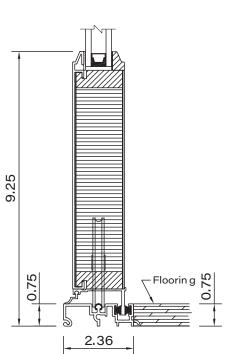
flush sill - 2.12" roller 3.63" traditional bottom rail



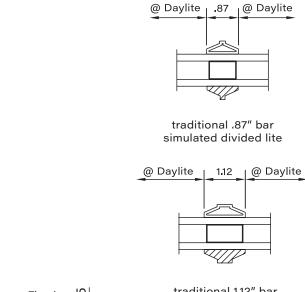
flush sill - 3" roller 5" contemporary bottom rail



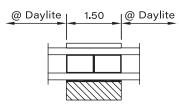
thinline sill - 3" roller 3.63" contemporary bottom rail



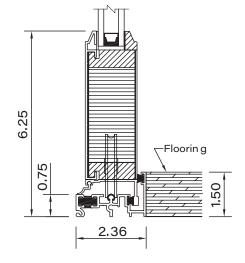
flush sill - 3" roller 8" traditional bottom rail



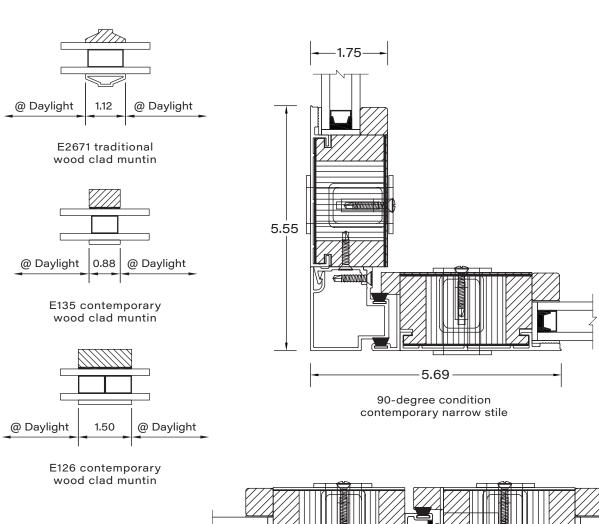
traditional 1.12" bar simulated divided lite

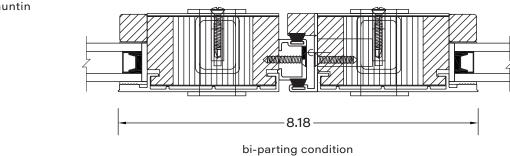


contemporary 1.5" DH bar simulated divided lite



water barrier sill - 2.12" roller 5" traditional bottom rail

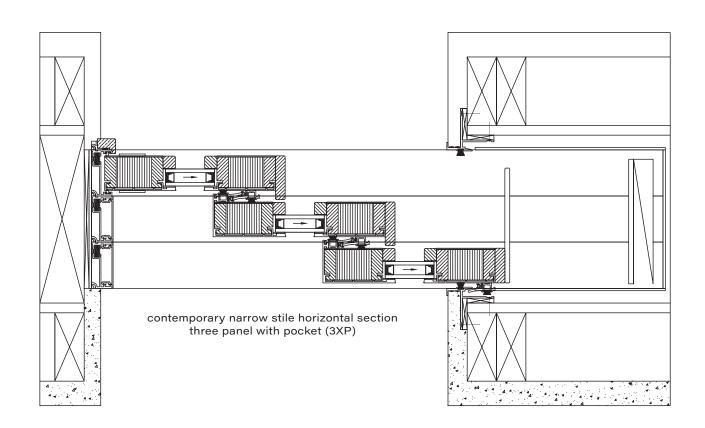


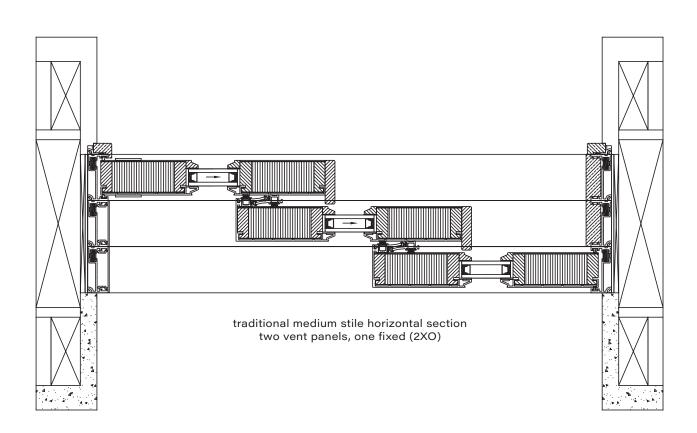


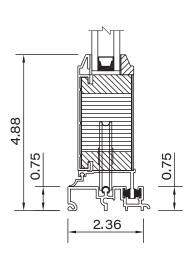
contemporary narrow stile

10.88
bi-parting condition

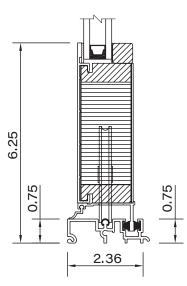
Series 2600 Aluminum-Clad Multi-Slide Door



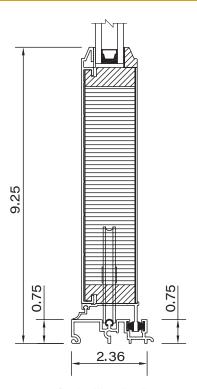




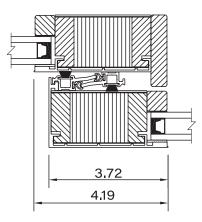
flush sill - 2.12" roller 3.63" traditional bottom rail



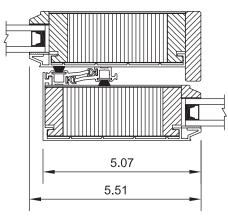
flush sill - 3" roller 5" contemporary bottom rail



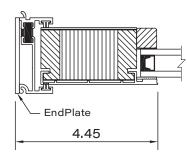
flush sill - 3" roller 8" traditional bottom rail



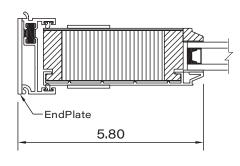
interlocking condition contemporary narrow stile



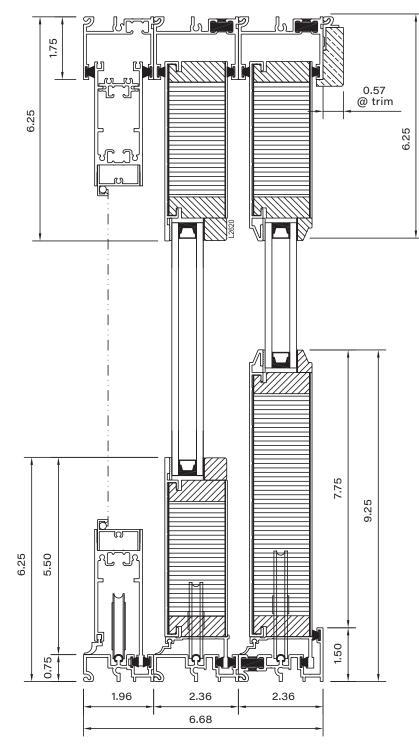
interlocking condition traditional medium stile



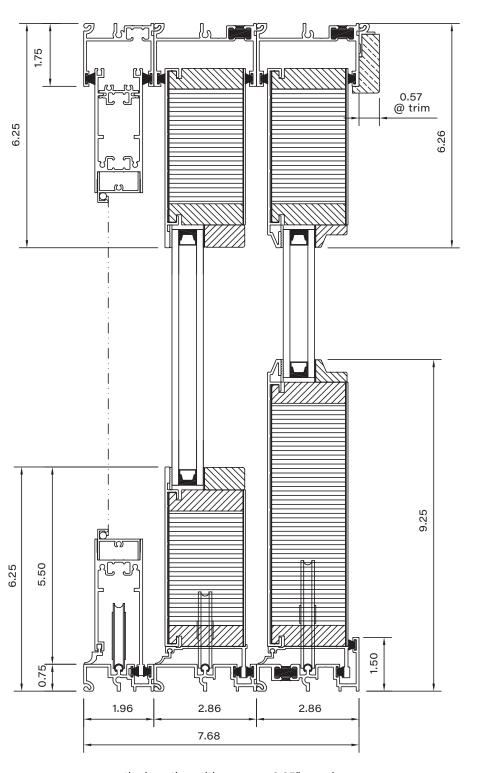
fixed condition contemporary narrow stile



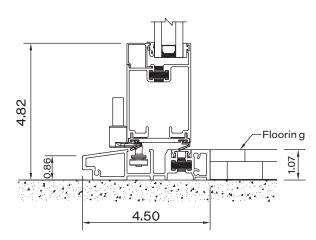
fixed condition traditional medium stile



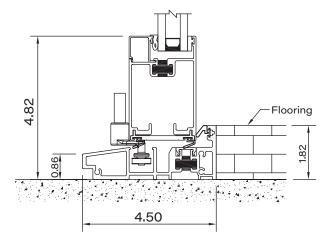
vertical section with screen - 1.75" panels various options shown



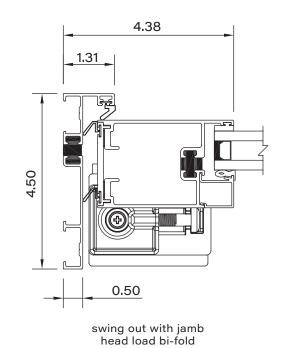
vertical section with screen - 2.25" panels various options shown

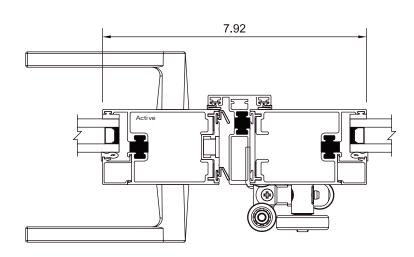


swing out with flush sill head load bi-fold

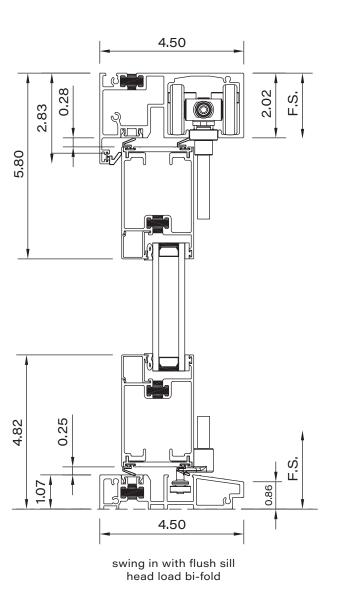


swing out with water barrier sill head load bi-fold





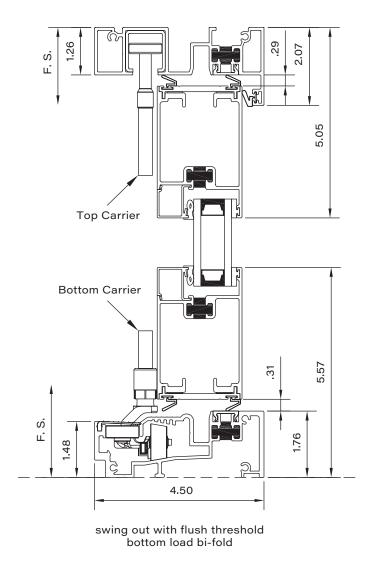
swing out at meeting stiles head load bi-fold

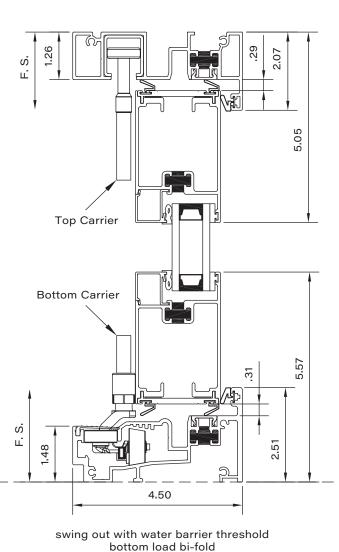


3.02 6.80 1.57 4.18

4.50

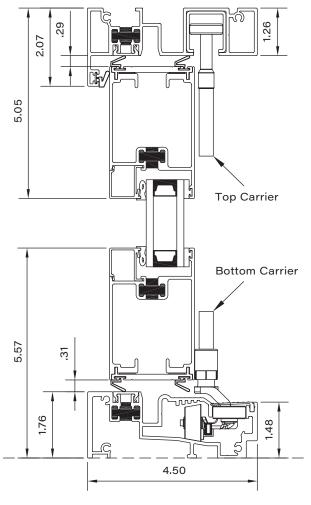
swing out with flush sill heavy duty head load bi-fold



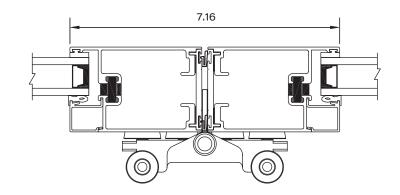


4.38

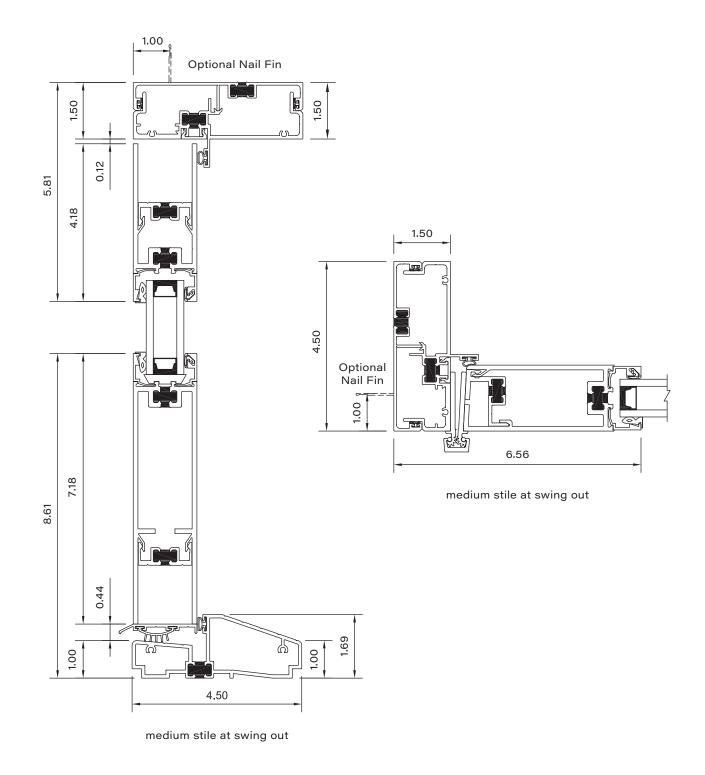
swing out at jamb bottom load bi-fold

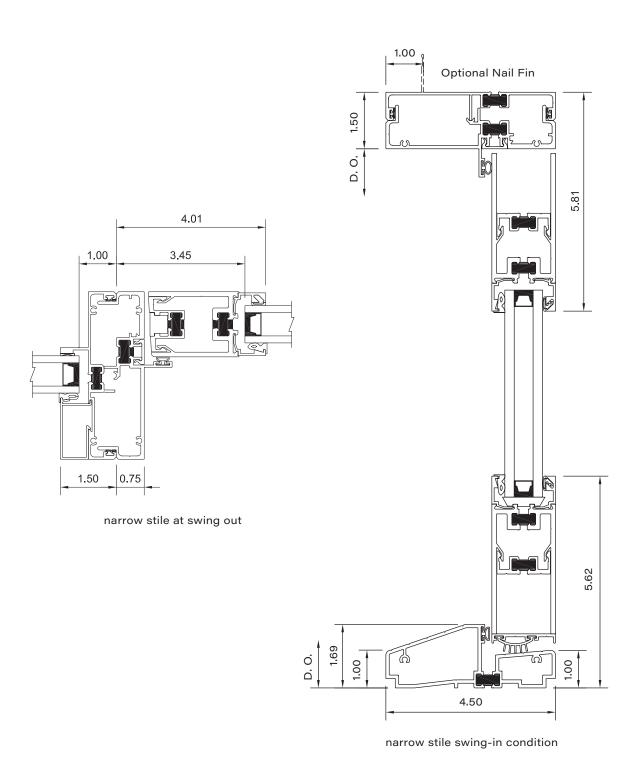


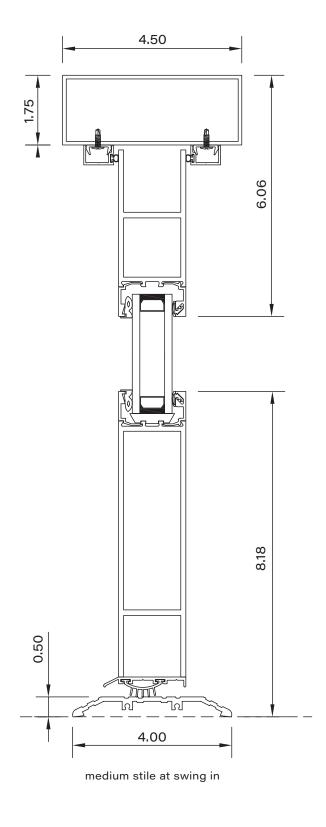
swing in with flush threshold bottom load bi-fold

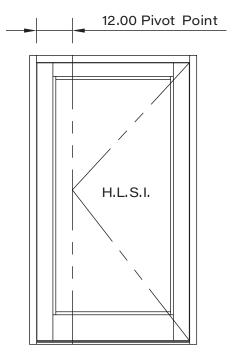


swing out at jamb bottom load bi-fold

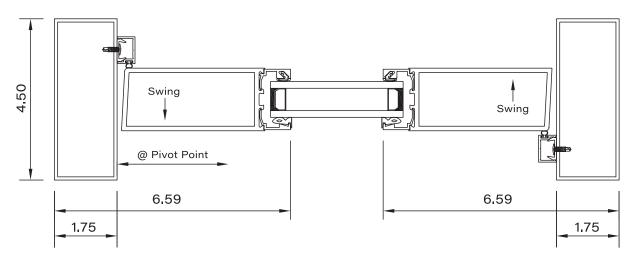




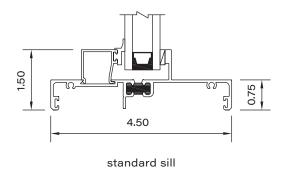


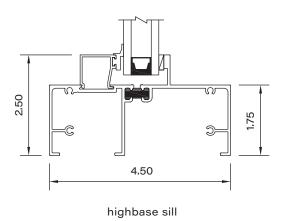


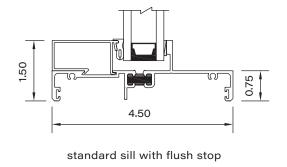
multiple pivot points are available

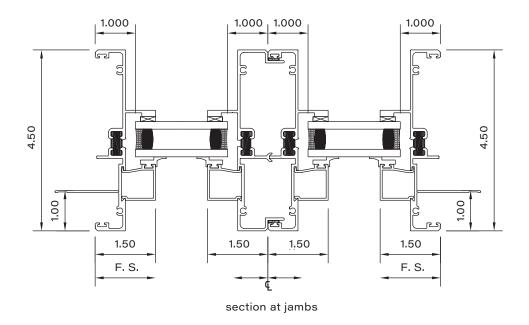


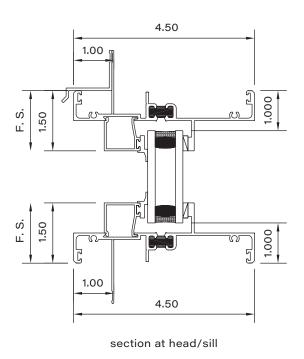
swing in - floor plan view

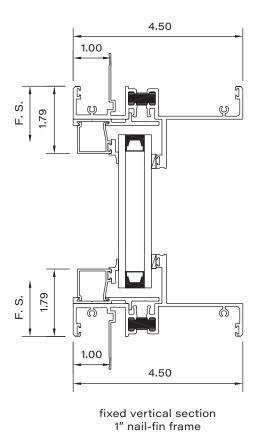












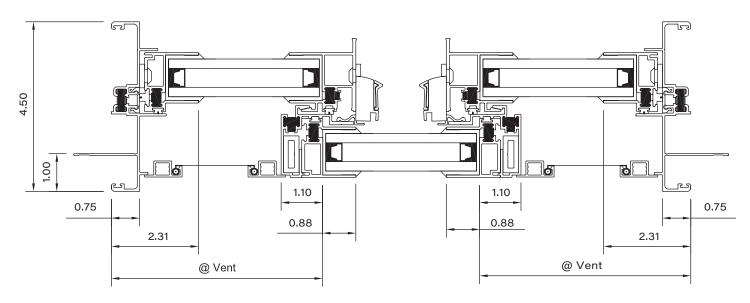
4.50

fixed vertical section equal leg block frame

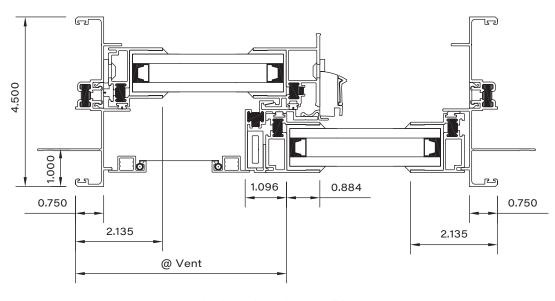
1.00 3.18 3,18 F. S. 1.00 4.50

4.50

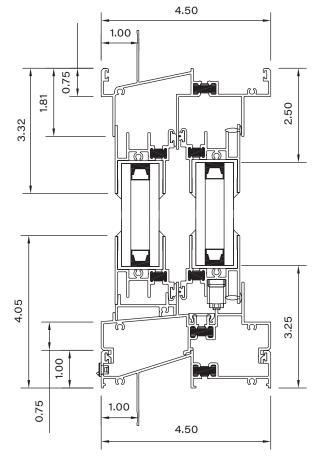
hinged over fixed vertical section 1.00" nail-fin frame



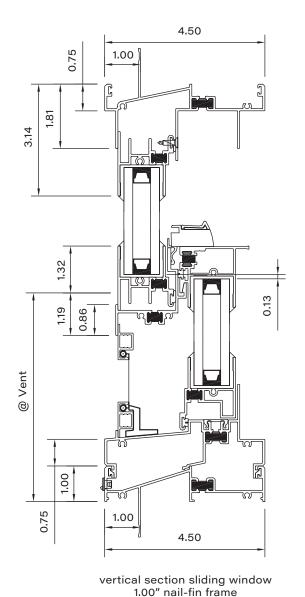
horizontal section XOX slider 1.00" nail-fin frame



horizontal section XO slider 1.00" nail-fin frame



vertical section sliding window 1.00" nail-fin frame



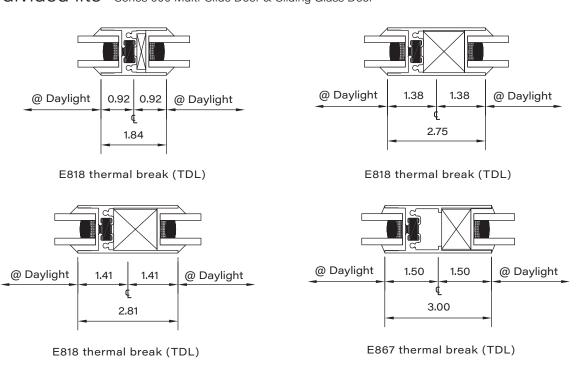
horizontal section single hung

1.00" nail-fin frame

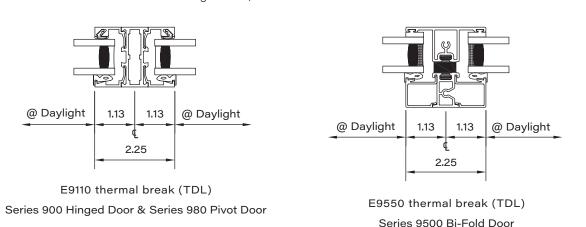
simulated divided lite | Series 600, 610, 620, 670, 900 & 980



true divided lite Series 600 Multi-Slide Door & Sliding Glass Door



true divided lite Series 900 Hinged Door, Series 980 Pivot Door & Series 9500 Bi-Fold Door



Product Families

Classic Line

High-quality disappearing glass walls and windows that combine exceptional performance with clean design.

Doors

Multi-Slide Door



Series 600 Multi-Slide Stacking & Pocketing Door (Window Option Available)

Sliding **Glass Door**



Series 600 Sliding Glass Door (Window Option Available)

Wood Clad Multi-Slide Door



Series 2600 Multi-Slide Stacking & Pocketing Door Bi-Fold Door



Series 9500 Bi-Fold Door (Window Option Available)

Hinged Door



Series 900 **Hinged Door** Windows

Window Wall



Series 600 Window Wall

Fixed Window



Series 620/670 **Fixed Window**

Hinged



Series 670

Hopper

Series 670 Awning

Windows



Series 610 Single-Hung



Operating

Windows

Series 620 Sliding Window

Performance Line

Our Series 7000 family of moving glass walls and windows address energy and structural requirements while promoting contemporary design.

Doors

Multi-Slide Door



Series 7600 Multi-Slide Stacking & Pocketing Door (Window Option

Available)

Sliding Glass Door



Series 7650 Sliding Glass Door (Window Option Available)

Bi-Fold Door



Series 7950 Bi-Fold Door (Window Option Available)



Hinged Door



Series 7900 Hinged Door **Pivot**

Pivot

Door

Series 980

Pivot Door



Series 7980 **Pivot Door**

Windows

Window Wall



Series 7630 Window Wall

Fixed Window



Series 7615/7625/7675 **Fixed Window**

Hinged Windows



Series 7670 Casement



Series 7680

Hopper

Series 7660 Awning

Windows



Operating

Series 7610 Single-Hung



Series 7620 Sliding Window

Simulated Steel Line

steel but are far more affordable.

Doors

Multi-Slide Door



Series 7600s Multi-Slide Stacking & Pocketing Door (Window Option

Available)

Sliding Glass Door



Series 7650s Sliding Glass Door (Window Option Available)

Bi-Fold Door



Series 7950s Bi-Fold Door (Window Option Available)

Hinged Door



Series 7900s Hinged Door **Pivot** Door



Series 7980s Pivot Door

Window Wall

Windows



Series 7630s Window Wall

Hinged Windows



Series 7660s Awning



Series 7670s Casement

Aluminum Frame Finishes Cinnamon Toast **Bronze Anodized** Warmtone Satin Anodized Bison Beige White Autumn Night Navajo White Briar Stonish Beige Hillside Bronze 121



