WESTERN ARCHITECTURAL OPENINGS

WESTERN

PRODUCT GUIDE



WesternAO.com

ARCHITECTURAL OPENINGS

Western Architectural Openings empowers visionary design with expansive glass systems that enable the thoughtful flow of light, air, and activity between rooms and beyond walls. For architecture that breathes, views that inspire, and living that extends into the landscape.

TABLE OF CONTENTS

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.

ABOUT WESTERN 2

Create Without Restraint 4
What We Stand For 10
Our Collections 12

DOORS 16

Multi-Slide Doors 18
Sliding Glass Doors 42
Bi-Fold Doors 56
Hinged Doors 68
Pivot Doors 84

WINDOWS 98

Window Walls 100
Operating Windows 114
- Awning Windows 118
- Pass-Through Awning Windows 120
- Casement Windows 122
- Push-Out Casement Windows 124
- Hopper Windows 126
- Single-Hung Windows 128
- Sliding Windows 130

DESIGN OPTIONS 132

Finishes 134
Simulated Steel Divided Lites 136
Screens 137
Simulated Divided Lites 138

WIDEN YOUR HORIZON

Inspired by nature.
Designed for living.
Built to endure.

Western Architectural Openings enables you to create spaces that transcend boundaries and blend seamlessly with their surroundings.



CREATE WITHOUT RESTRAINT

VANTAGE | PERFORMANCE | CLASSIC

Deliver refined sightlines across expansive openings in a choice of curated collections that balance design intent with structural integrity, code compliance, and aesthetic options.



VIEWS THAT MOVE YOU

Architects, builders, and homeowners throughout North America choose Western for breathtaking spaces that feel visibly open, undeniably solid, and creatively unconfined.

METICULOUSLY CRAFTED INDEPENDENTLY CERTIFIED

Every Western door and window system is made to order in America by skilled technicians using a combination of advanced automation technologies, dedicated machining, and hand tooling to ensure seamless jobsite integration, flawless operation, and endless enjoyment.

Our products are rigorously tested for strength and durability and certified by the National Fenestration Rating Council (NFRC) and the Fenestration and Glazing Industry Alliance (FGIA) for use in the United States and Canada.



ARCHITECTURE THAT BREATHES

Embrace your vision for unobstructed views and statement-making design.



WHAT WE STAND FOR

Design Unconfined

Embrace your ambitious vision with customized moving glass walls, doors, and window systems designed to let you create without restraint.

A Passion For Precision

Engineered with intention and ingenuity to deliver enduring performance, impressive scale, and impeccable fit and finish.

Crafted Around You

A curated experience with personalized service for solutions that match your vision and exceed expectations.

Driven to Defy

Born with innovation in our veins, we're driven to challenge expectations and explore new possibilities in design, performance, and service.

OUR COLLECTIONS

Our curated collections enable you to simply meet your requirements for performance, scale, and aesthetics.



VANTAGE

Thoughtfully engineered with ultra-thin frames and advanced thermal break technology for exceptional form and function.



PERFORMANCE

Enhanced energy efficiency, strength, and panel sizes to help push the limits of what is possible.



CLASSIC

Oversized solutions that combine exceptional capability with ease of use for unobstructed sightlines and stunning views.



WHICH OPTION IS RIGHT FOR YOU?

Our curated collections offer the scale, performance, and options you need to configure an entire home or transform a single space.*

Vantage Collection — V	Performance Collection — P	Classic Collection — C

		LoĒ3-366 with Argon		LoĒ3-366/LoĒ-i89 with Argon	
V	PRODUCT TYPE	U-FACTOR	SHGC	U-FACTOR	SHGC
8630	Window Wall	.28	.24	.24	.24
8660	Awning Window	.30	.20	.28	.20
8665	Pass-Through Awning Window	.30	.20	.28	.20
8670	Casement Window	.30	.20	.27	.20
8600	Multi-Slide Door	.30	.23	.26	.23
8900	Hinged Door (Inswing)	.30	.19	.27	.20
8900	Hinged Door (Outswing)	.30	.20	.27	.20

				E366 with Argon				E366/i89 with Argon			
	C	P	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	670	7670	Casement Window	.51	.35	.19	.19	.48	.32	.19	.19
HINGED	670	7660	Awning Window	.50	.36	.19	.19	.47	.33	.19	.19
HINGED	670	7680	Hopper Window	.51	.37	.19	.19	.49	.34	.18	.19
HINGED	670	7675	Fixed Window	.36	.29	.24	.23	.32	.25	.24	.23
SLIDING	670	7660	Sash Set Window	.50	.32	.19	.22	.47	.28	.19	.22
SLIDING	610	n/a	Single-Hung Window	.50	n/a	.21	n/a	.46	n/a	.20	n/a
SLIDING	620	n/a	Fixed Window	.40	n/a	.22	n/a	.36	n/a	.22	n/a
SLIDING	620	n/a	Sliding Window	.47	n/a	.22	n/a	.43	n/a	.21	n/a

* These energy efficiency values come from testing. Please consult the quoting software or your sales representative.



DOORS

Open to Everything

A door is the first thing guests see and the last thing they forget. Whether you choose a timeless hinged style or a sweeping bi-fold, our doors transform every threshold into a statement. Frame your view. Erase your walls. Elevate every arrival.

- MULTI-SLIDE DOORS
- SLIDING GLASS DOORS
- BI-FOLD DOORS
- HINGED DOORS
- PIVOT DOORS

MULTI-SLIDE DOORS

Eliminate the barrier between indoors and outdoors with unobstructed rolling glass panels.

Our multi-slide doors stack or slide into pockets, creating extra-wide openings that 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.





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, our multi-slide doors are engineered for smooth operation. Rolling hardware includes two options for each line to meet the weight requirements of your panel.

AND A WINDOW TO MATCH

Featuring the same rolling glass panels as our multi-slide doors, 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.

VANTAGE COLLECTION

SERIES 8600

Meet evolving energy and performance demands while preserving scale and design intent. The Series 8600 Multi-Slide Door combines industry-leading U-factors, exceptionally narrow sightlines, and expansive panel sizes to create a moving glass wall that delivers high performance within a refined, modern aesthetic—supporting a wide range of architectural applications.

MAX SIZES
Up to 12' tall or 60 sq ft

PERFORMANCE RATING
Industry-leading U-factor starting at .30

THERMAL VALUES (STARTING AT)
LC PG-25 (testing pending)

GLASS OPTIONS
Multiple dual-pane or triple-pane
low-E argon-filled glass options

SERIES 8600





With its ease of operation and expansive capacity, the Series 8600 Multi-Slide Door is perfect for patio or poolside entertaining.





PERFORMANCE COLLECTION

SERIES 7600

Packed with innovations that address energy and structural requirements. With the Series 7600 Multi-Slide Door, the U-values are industry leading. The opening sizes extreme. The sightlines narrow. This moving glass wall brings exceptional performance to a contemporary aesthetic, allowing you virtually unlimited possibilities for customization.

MAX SIZES
14' H (in most markets)

PERFORMANCE RATING
PG50

THERMAL VALUES (STARTING AT)
0.27

GLASS OPTIONS
Multiple low-E argon-filled glass options

SERIES 7600



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.





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.



CLASSIC COLLECTION

SERIES 300

Dramatic views with expanded glass. The Series 300 Minimalist Multi-Slide Door offers the same smooth operation and hardware options as our Classic Collection doors with innovative narrow interlocks to 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.

MAX SIZES
12' H, 70 sq ft

PERFORMANCE RATING
PG25

THERMAL VALUES (STARTING AT)
0.39

GLASS OPTIONS
Multiple low-E argon-filled glass options

SERIES 300



Architect Lance O'Donnell chose the Series 300 Minimalist Multi-Slide Door to prioritize light and views while protecting against desert weather extremes for this home overlooking the Coachella Valley.





CLASSIC COLLECTION

SERIES 600

Making indoor-outdoor living ideas larger than life can take any project to the next level. The Series 600 Multi-Slide Door features wide panels, modern details, smooth operation, and multiple sill height options that blend easily into nearly any space.

MAX SIZES
12' H, 70 sq ft

PERFORMANCE RATING
PG25

THERMAL VALUES (STARTING AT)
0.35

GLASS OPTIONS
Multiple low-E argon-filled glass options

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.



HARDWARE

HANDLES

FLUSH HANDLE
VANTAGE

Elegantly streamlined, the narrow profile allows panels to glide effortlessly past one another or disappear seamlessly into a pocket. Expertly crafted from stainless-steel, it is offered in a sophisticated brushed satin finish or a striking black finish. An optional keyed lock adds a discreet layer of security.



OFFSET HANDLE
VANTAGE

Defined by clean lines and bold geometry, this handle offers a substantial grip with a refined architectural presence. Stainless-steel construction and a choice of brushed satin or striking black finishes complement modern, expansive door systems.



CONCEALED LOCKING SYSTEM

Thoughtfully integrated and entirely concealed within the stile, this multipoint locking system offers a seamless expression of security and design. Crafted from stainless-steel, it secures the panels at multiple points for enhanced strength and peace of mind — without interrupting the clean architectural lines. An optional keyed lock is available for added discretion and control.

SILLS



FLUSH SILL
VANTAGE

An interior and exterior sill height of 0.75" lines up with most interior flooring for a smooth transition to the outside. Weep holes allow water to drain away from the door while the back leg of each sliding panel discourages dust and debris.



THINLINE SILL WITH OPTIONAL WATER MANAGEMENT
VANTAGE

Ideal for projects where flooring transitions from indoors to outdoors appear virtually seamless. Staggered tracks expose a slim channel while panels roll above, with finished flooring in between. Available with a self-contained water management option. For both continuous flooring and snap-in flush track configurations, choose either no weeps or weeps as needed. A flush sill without water management is also available to match flooring applications. Can be configured with staggered tracks and includes a 1/2" F NPT fitting with universal attachment options for streamlined installation.



WATER BARRIER SILL
VANTAGE

A weep system with a 1.5" interior leg helps safeguard against water intrusion while supporting performance requirements. For additional protection, the legs of each sliding panel penetrate the track to help keep out dust and debris.

HARDWARE

HANDLES

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 Performance Collection 7600 offers a 1.81" tandem roller and a 1.81" QUADZilla roller option, which offers reduced resistance and smooth operation.

The Classic Collection 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 Collection Series 300 Minimalist smoothly operates on a 1.5" tandem roller.

FLUSH-MOUNTED HANDLE





CONTEMPORARY HANDLE

PREMIUM HANDLE



SILLS



THINLINE SILL
PERFORMANCE / CLASSIC

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
PERFORMANCE / CLASSIC

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
PERFORMANCE / CLASSIC

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



WATER MANAGEMENT SILL
PERFORMANCE

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 Thinline 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.

SLIDING GLASS DOORS

Built to last, our sliding glass doors fit in easily for the way people live.

Wide glass panels create an effortless transition between virtually any space. This 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.





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 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.



PERFORMANCE COLLECTION

SERIES 7650

More than the next-generation patio door — it's a performance-focused solution for contemporary living spaces. The Series 7650 Sliding Glass Door features sizes that can go taller and wider than you might expect, bringing performance, durability, and customization options to the sliding glass door space.

MAX SIZES
14' H (in most markets)

PERFORMANCE RATING
PG50

THERMAL VALUES (STARTING AT)
0.27

GLASS OPTIONS
Multiple low-E argon-filled glass options

SERIES 7650



Contemporary, modern, or rustic — no matter the style, the Series 7650 Sliding Glass Door is a perfect fit.



CLASSIC COLLECTION

SERIES 600

Making indoor-outdoor living ideas larger than life can take any project to the next level. The Series 600 Sliding Glass Door features wide panels, modern details, smooth operation, and multiple sill height options that blend easily into nearly any space.

MAX SIZES
12' H, 70 sq ft

PERFORMANCE RATING
PG30

THERMAL VALUES (STARTING AT)
0.35

GLASS OPTIONS
Multiple low-E argon-filled glass options

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.

HARDWARE

HANDLES

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.

FLUSH-MOUNTED HANDLE



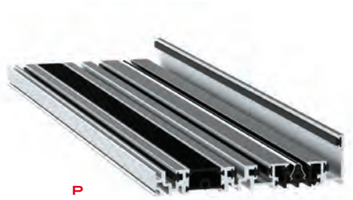


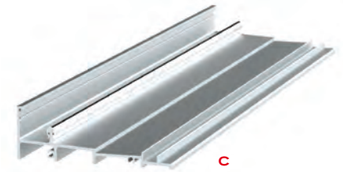
CONTEMPORARY HANDLE



PREMIUM HANDLE









SILLS

WATER BARRIER SILL
PERFORMANCE / CLASSIC

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

FLUSH SILL
PERFORMANCE

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.

1/2" ENHANCED ACCESS SILL
CLASSIC

A low-profile design that meets ADA requirements and commercial accessibility standards. Finished to match the color of the frame.

ROLLING HARDWARE

The Classic Collection 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 Collection offers a 1.81" quad roller and a 1.81" QUADZilla roller option, which offers reduced resistance and smooth operation.

BI-FOLD DOORS

Our bi-fold doors feature the unique ability to completely open to the outdoors.

Designed to smoothly stack and fold against side walls, you can create a huge opening from corner to corner, connecting the indoors with the outside and expanding living space. Add an optional egress door for convenient everyday access.



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 allow 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 only) can accommodate door panels weighing up to 176 pounds.

CONFIGURATIONS AND SIZES

Our 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 COLLECTION

SERIES 9550

Powerful. Easy to operate. Versatile. The Series 9550 Bi-Fold Door 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 more creative possibilities.

MAX SIZES
42" W or 144" H

PERFORMANCE RATING
PG30

THERMAL VALUES (STARTING AT)
Head Load—0.31
Bottom Load—0.30

GLASS OPTIONS
Multiple low-E argon-filled glass options, including triple pane

SERIES 9550





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



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

HARDWARE

HANDLES

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.





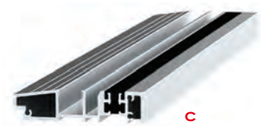
D-SHAPED PULL HANDLE

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

CARRIER HINGES

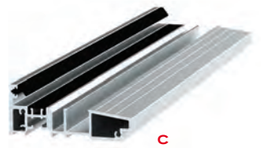
Lever-activated, the Type C lock provides additional vertical strength and security through several locking points in the jamb or inactive stile.

TOP-HUNG SILL TRACKS



FLUSH SILL
CLASSIC

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
CLASSIC

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



U-TRACK
CLASSIC

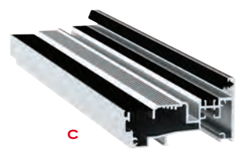
The U-track allows for a flush transition from room to room and is offered in a dark bronze finish. Not rated against water infiltration.

BOTTOM-LOAD SILL TRACKS



FLUSH SILL
CLASSIC

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
CLASSIC

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.



DURABILITY AND PERFORMANCE

With precision manufacturing and thoughtful engineering, our hinged doors are built for lasting performance. Optional overhead closers and roller catches support smooth, self-closing operation. A refined balance of strength, style, and reliability.



DESIGN

The hinged door is designed to do it all. Capable of supporting large panel sizes, it delivers clean lines and a modern aesthetic. Top and bottom rails nest with the stiles to minimize daylight at the edges. Offered in both inswing and outswing configurations, it pairs effortlessly with any of our window styles.



VANTAGE COLLECTION

SERIES 8900

With narrow sightlines, high-performance ratings, and advanced thermal efficiency, the Series 8900 Hinged Door is designed to meet the demands of modern architecture. Featuring Euro Groove-mounted, two-way adjustable hinges and a multi-point locking system panel configuration, it provides the perfect balance of form and function for residential and commercial applications.

MAX SIZES
Up to 48" x 120" (single) or 96" x 120" (pair)

PERFORMANCE RATING
Rated CW50 (outswing), LC25 (inswing)

THERMAL VALUES (STARTING AT)
0.30

GLASS OPTIONS
Dual-glazed with low-E and argon-filled glass options

SERIES 8900



Simply stunning. With two-way adjustable hinges and multiple threshold options, the Series 8900 Hinged Door brings elevated style and performance to any opening.



PERFORMANCE COLLECTION

SERIES 7900

Unite versatility with durability and energy performance. The Series 7900 Hinged Door can provide even more design flexibility when combined with our fixed and hinged windows.

MAX SIZES
12' H

PERFORMANCE RATING
PG50 (outswing), PG20 (inswing)

THERMAL VALUES (STARTING AT)
0.28

GLASS OPTIONS
Multiple low-E argon-filled glass options, including triple-pane

SERIES 7900



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

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



CLASSIC COLLECTION

SERIES 900

Tremendous capability meets unmatched versatility. The Series 900 Hinged Door has 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. Combine it with our windows for even more to love.

MAX SIZES
45" FS medium stile, 121.50" tall

PERFORMANCE RATING
PG20

THERMAL VALUES (STARTING AT)
0.51

GLASS OPTIONS
Multiple low-E argon-filled glass options

SERIES 900



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



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.



HARDWARE

HANDLES

OFFSET LADDER PULL HANDLE
VANTAGE / PERFORMANCE / CLASSIC

Our offset ladder pull handle offers contemporary styling with a 48" handle length. Includes a single-point 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.



CONTEMPORARY HANDLE
VANTAGE

A streamlined, contemporary design with clean lines and a comfortable grip. Available in brushed nickel or black to complement modern spaces.



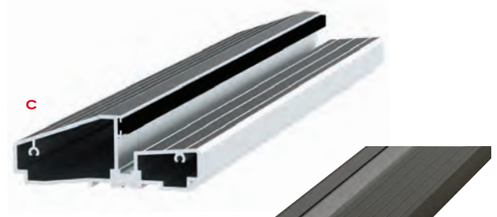


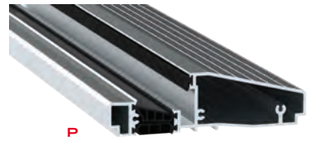
DALLAS HANDLE
PERFORMANCE / CLASSIC

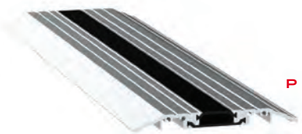
Our Dallas Handle features a minimal design and comfortable grip. Available with a multi-point or single-point lock, these handles come in brushed nickel or black. Available only with the 4.71" and 3.15" stile.

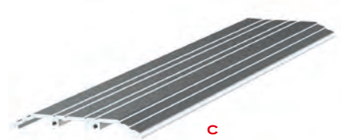
MULTI-POINT LOCKING SYSTEM

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











SILLS

STANDARD SILL
VANTAGE / PERFORMANCE / CLASSIC

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 SILL
PERFORMANCE / CLASSIC

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.

LOW-PROFILE SILL
VANTAGE

For those prioritizing ease of entry, the low-profile commercial threshold maintains structural performance.

ZERO THRESHOLD

For a seamless, barrier-free transition for smooth, unobstructed indoor-outdoor access, choose the optional zero threshold.

PIVOT DOORS

Match bold entries with unmistakable expression.

With a unique distribution of weight, our pivot doors swing in or out with ease, for effortless and expansive openings. Unequivocally design-forward, their low-profile threshold seamlessly connects the indoors to the outside and can be combined with any of our window styles for even more differentiation.





DESIGN AND OPERATION

Our 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.





PERFORMANCE COLLECTION

SERIES 7980

Designed for those who seek the ultimate in a boldly dramatic high-performance entryway. The Series 7980 Pivot Door is highly customizable and can be combined with any of our Performance Collection fixed or hinged windows for even more differentiation.

MAX SIZES
85" W, 158" H

PERFORMANCE RATING
0.27

THERMAL VALUES (STARTING AT)
0.28

GLASS OPTIONS
Multiple low-E argon-filled glass options, including triple-pane

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.

CLASSIC COLLECTION

SERIES 980

Boldly dramatic and decidedly modern, the 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.

MAX SIZES
60" W, 120" H

THERMAL VALUES (STARTING AT)
0.65

GLASS OPTIONS
Multiple low-E argon-filled glass options

SERIES 980



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



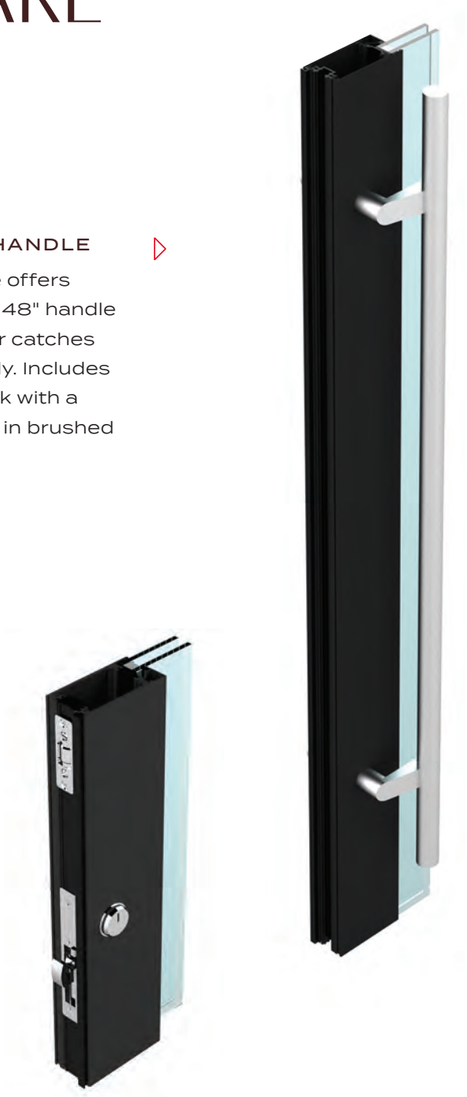
Pivot doors offer sleek lines and easy operation regardless of size, with the ability to swing in or out.

HARDWARE

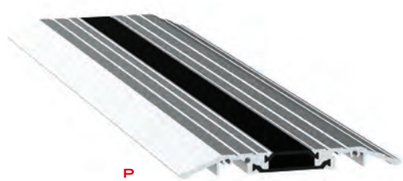
HANDLES

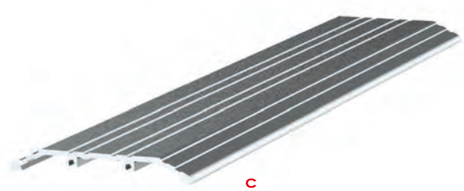
OFFSET LADDER PULL HANDLE

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.









SILLS

COMMERCIAL SILL

PERFORMANCE / CLASSIC

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

Fresh Perspectives

From dramatic walls of glass to traditional operating windows, we have 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.

WINDOW WALLS

OPERATING WINDOWS

WINDOW WALLS

Create custom views in a variety of sizes and shapes.

Whether your vision calls for a single-panel opening, a door-sized opening, or one that spans an entire wall, our fixed windows and window walls are as flexible as they are functional. They're designed to integrate with ventilating window styles as well as hinged and sliding doors.





DESIGN

With mulling that combines window frames while keeping sightlines narrow, our 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

Our 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.



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



SILLS AND STOPS

STANDARD SILL

The standard sill, used around the perimeter of all fixed windows, is 0.75" tall for Classic fixed windows and window walls, 0.875" tall for Performance, and 0.65" tall for Vantage.

HIGH-BASE SILL

Perfect for fixed windows that sit directly on a finished floor, the high-base sill is 1.75" tall for Classic and Performance fixed windows and window walls, and 1.525" tall for Vantage.

STANDARD STOP

The standard stop features a stepped profile with removable stops for re-glazes, weep holes at the base, and is available in multiple dimensions. For a different aesthetic, all product collections offer the option of a flush stop that is even with the exterior of the frame, and the Performance and Vantage Collections offer a beveled stop that slopes to provide an elegant, minimized appearance.

VANTAGE COLLECTION

SERIES 8630

Our narrowest sightlines yet. The Series 8630 Fixed Window/Window Wall features an ultraslim, thermally broken aluminum frame that seamlessly connects indoor and outdoor spaces, delivering unobstructed views and exceptional energy efficiency. Designed for a sleek, contemporary look, it beautifully pairs with any of our Series 8000 operable windows.

EXTREME PANEL SIZES
Up to 60" W x 120" H or 50 sq ft
120" W x 120" H True Divided Lite Option

PERFORMANCE RATING
AW90

INDUSTRY-LEADING U-VALUES (STARTING AT)
0.16

GLASS OPTIONS
Multiple low-E argon-filled glass option

PERFORMANCE COLLECTION

SERIES 7630

Featuring 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 a Performance Collection ventilating window and hinged or sliding glass windows for limitless expression.

EXTREME PANEL SIZES

INDUSTRY-LEADING U-VALUES (AS LOW AS 0.17)

NARROW SIGHTLINES

HIGHLY CONFIGURABLE

LOW-E GLASS, DUAL-PANED OR TRIPLE-PANED

THERMALLY BROKEN ALUMINUM

SERIES 7630





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.



Window walls can virtually disappear, leaving just an unobstructed view.

CLASSIC COLLECTION

SERIES 600

Offering expanses of glass that let in light and frame beautiful views, the Series 600 Window Wall is 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

SERIES 600



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



OPERATING WINDOWS

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.



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, is designed for durability and smooth operation. Hinged window hardware is finished to match custom paint orders.



AWNING WINDOWS

VANTAGE SERIES 8660

The Series 8660 Awning Window features top hinges and opens outward from the bottom, making it ideal for enhancing natural light and ventilation in modern spaces. This window design, typically wider than tall, showcases ultra-thin frames from the Vantage Collection while delivering exceptional thermal performance.

MAX SIZES: 60"-72" W, 60"-72" H
PERFORMANCE RATING: CW50
THERMAL VALUES (STARTING AT): 0.28
GLASS OPTIONS: Multiple low-E argon-filled glass options

PERFORMANCE SERIES 7660

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 scissor-arm.

MAX SIZES: 18"-72" W, 18"-96" H
PERFORMANCE RATING: PG60
THERMAL VALUES (STARTING AT): 0.33
GLASS OPTIONS: Multiple low-E argon-filled glass options, including triple-pane

CLASSIC SERIES 670

The Series 670 Awning Window 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.

MAX SIZES: 18"-72" W, 18"-96" H
PERFORMANCE RATING: G50
THERMAL VALUES (STARTING AT): 0.47
GLASS OPTIONS: Multiple low-E argon-filled

SERIES 7660
AWNING WINDOW





SERIES 670
AWNING WINDOW

In this Phoenix home, Brent Kendle carefully framed views of the desert to create a powerful connection with the iconic Camelback Mountain landscape.

SERIES 8660
AWNING WINDOW



PASS-THROUGH AWNING WINDOWS

VANTAGE SERIES 8665

The Series 8665 Pass-Through Awning Window is designed for seamless indoor-outdoor transitions, making it ideal for applications like kitchens that open to outdoor patios. This window features pressurized gas struts for smooth operation, along with concealed hinges and an interior flush handle for a clean, modern look. With ultra-thin sightlines and the same high-performance standards as the Series 8660, it's meticulously engineered and rigorously tested to deliver exceptional performance and aesthetics. Also available with a no-sill option.

MAX SIZES: 84" W, 60" H
PERFORMANCE RATING: N/A
THERMAL VALUES (STARTING AT): 0.21
GLASS OPTIONS: Multiple low-E argon-filled glass options

PERFORMANCE SERIES 7665

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.

MAX SIZES: 24"-96" W, 36"-60" H
PERFORMANCE RATING: PG25
THERMAL VALUES (STARTING AT): 0.37
GLASS OPTIONS: Multiple low-E argon-filled glass options, including triple-pane



SERIES 7665
PASS-THROUGH
AWNING WINDOW



SERIES 8665
PASS-THROUGH
AWNING WINDOW

CASEMENT WINDOWS

VANTAGE SERIES 8670

The Series 8670 Casement Window features side hinges that allow it to swing outward to the left or right, offering flexibility in design. With a thermally broken, ultra-thin aluminum frame, it delivers exceptional performance while maintaining a sleek, contemporary aesthetic.

MAX SIZES: 42" W, 144" H
PERFORMANCE RATING: CW50
THERMAL VALUES (STARTING AT): 0.30
GLASS OPTIONS: Multiple low-E argon-filled glass options

PERFORMANCE SERIES 7670

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.

MAX SIZES: 42" W, 144" H
PERFORMANCE RATING: CW50
THERMAL VALUES (STARTING AT): 0.35
GLASS OPTIONS: Multiple low-E argon-filled glass options, including triple-pane

CLASSIC SERIES 670

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

MAX SIZES: 19"-42" W, 18"-120" H
PERFORMANCE RATING: PG50
THERMAL VALUES (STARTING AT): 0.48
GLASS OPTIONS: Multiple low-E argon-filled glass options



SERIES 670
CASEMENT WINDOW



SERIES 8670
CASEMENT WINDOW



SERIES 7670
CASEMENT WINDOW

In this Warren Lloyd-designed Utah home near the Wasatch Mountains, large casement windows welcome in fresh air and verdant views — without compromising on energy efficiency.

PUSH-OUT CASEMENT WINDOWS

CLASSIC SERIES 670

The 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.

MAX SIZES: 19"-36" W, 18"-72" H
PERFORMANCE RATING: PG50
THERMAL VALUES (STARTING AT): 0.48
GLASS OPTIONS: Multiple low-E argon-filled glass options



SERIES 670
PUSH-OUT CASEMENT WINDOW

Architect Richard Doria infuses this guest home's farmhouse character with a modern edge, using carefully placed casement windows throughout.



HOPPER WINDOWS

PERFORMANCE SERIES 7680

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.

MAX SIZES: 18"–44" W, 18"–44" H
PERFORMANCE RATING: PG50
THERMAL VALUES (STARTING AT): 0.43
GLASS OPTIONS: Multiple low-E argon-filled glass options, including triple-pane

CLASSIC SERIES 670

The 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.

MAX SIZES: 18"–60" W, 20"–48" H
PERFORMANCE RATING: PG25
THERMAL VALUES (STARTING AT): 0.49
GLASS OPTIONS: Multiple low-E argon-filled glass options



SERIES 670
HOPPER WINDOW

Coastal breezes flow through transom hopper windows in this Southern California remodel by Emma Oslac Walsh, where vaulted ceilings amplify the light and sense of space.



SERIES 7680
HOPPER WINDOW

SINGLE-HUNG WINDOWS

CLASSIC SERIES 610

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

MAX SIZES: Vent — 48" W or 36" H, Frame Height — 96"
PERFORMANCE RATING: PG50
THERMAL VALUES (STARTING AT): 0.46
GLASS OPTIONS: Multiple low-E argon-filled glass options



SERIES 610
SINGLE-HUNG WINDOW

Single-hung windows perfectly frame the bed in this home by architect Ryan Dooley, capturing peaceful views of the backyard facing Phoenix's Camelback Mountain.

SLIDING WINDOWS

CLASSIC SERIES 620

The 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.

MAX SIZES: Double sash 96" W, 72" H

PERFORMANCE RATING: PG50

THERMAL VALUES (STARTING AT): 0.43

GLASS OPTIONS: Multiple low-E argon-filled glass options



SERIES 620
SLIDING WINDOW



DESIGN OPTIONS

Delight in Every Detail

From custom finishes and divided lites to color-matched insect screens, our thoughtful design options let you fine-tune form and function for truly personalized results.

FINISHES

SIMULATED STEEL DIVIDED LITES

SCREENS

SIMULATED DIVIDED LITES

FINISHES

CUSTOM FINISHES

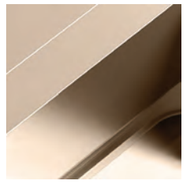
Have a specific color in mind? We can customize the color of your door or window to match virtually any finish.

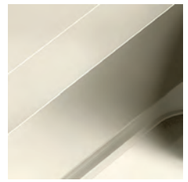


DESIGNER FINISHES

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

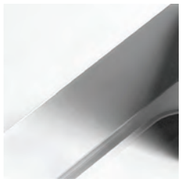

HILLSIDE BRONZE


CINNAMON TOAST


BRIAR


BISON BEIGE


AUTUMN NIGHT

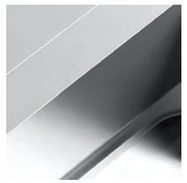

STANDARD WHITE


STANDARD WARMTONE

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

Samples shown are representative only. For exact color and finish samples, see your Authorized Western Dealer.

SIMULATED STEEL DIVIDED LITES

Enable the look of steel in even the most demanding projects.

Our Simulated Steel design option was engineered for exceptional performance in large panel sizes with virtually unlimited possibilities for customization.

AVAILABLE FOR VANTAGE & PERFORMANCE COLLECTIONS



SCREENS

SLIDING GLASS DOORS

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

HINGED WINDOWS

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.

SINGLE-HUNG AND SLIDING WINDOWS

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

FLEXSCREEN

FlexScreen is included as standard on all operable windows in the Series 8000. FlexScreen offers superior visibility and natural light while being easy to install and nearly indestructible. Its simple, clean design integrates seamlessly with the window, enhancing your view without compromising on functionality.



SIMULATED DIVIDED LITES

Simulated Divided Lites offer a touch of traditional charm to the economy and efficiency of modern windows and doors.















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



SIMULATED DIVIDED LITES

Simulated Divided Lites offer a look inspired by traditional steel windows, with the efficiency and value of our aluminum products.



WesternAO.com