

The Leader In Opening Glass Walls



Hotel Indigo, San Diego, CA
 NanaWall Thermally Broken Aluminum Framed Folding System **SL70**
 Architect: JWDA, Inc.

The NanaWall is an operable glass wall system custom designed for large openings. The elegant, precision-engineered NanaWall meets the most challenging architectural specifications.

The custom made NanaWall is available in aluminum, wood or clad frames with a selection of over two hundred colors. Independent testing confirms that many NanaWall systems meet or exceed industry standards for air infiltration, water penetration, thermal performance, forced entry, acoustic and hurricane requirements.

Enjoy the best of both worlds: a room with a view that opens to the outdoors yet gives you the peace of mind only a weather resistant NanaWall provides.



Showrooms Nationwide 800.873.5673 nanawall.com

NanaWall[®]
 Grand Transformations

Create Large Inviting Entrances



Vertigo Restaurant, New York, NY NanaWall Single Track Sliding System **HSW65** Architect: Grade Architecture



Thor at Hotel on Rivington, New York, NY
NanaWall Thermally Broken Aluminum Framed Folding System **SL70**
Architect: SWA Architects & Planners



Strand Hotel, New York, NY
NanaWall Thermally Broken Aluminum Framed Folding System **SL70**
Architect: Gene Kaufman Architect

Invite the Outdoors Inside



Malibu Residence, CA NanaWall Aluminum Framed Folding System **SL45**



Tucker's Point Beach Club, Bermuda
NanaWall Miami Dade Hurricane Approved Aluminum Framed Folding System **SL73**
Architect: NCG Architects



Belvedere Kitchen, CA
NanaWall Wood Framed Folding System **WD66**

Flexible Use of Space



Mets Stadium, NY NanaWall Single Track Sliding System **HSW60**
Architect: Populous



Seattle Street of Dreams 2005, Woodenville, WA
NanaWall Wood Framed Folding System **WD66**
Architect: Curtis Gelotte Architects



Star One Credit Union, San Jose, CA
NanaWall Single Track Sliding System **HSW60**
Architect: Archevon

Enhance Beautiful Views



Loblolly House, Taylors Island, MD NanaWall Thermally Broken Aluminum Framed Folding System **SL70** Architect: Kieran Timberlake Associates Photography: © Peter Aaron/Esto



Guilford Beach House, CT NanaWall Thermally Broken Aluminum Framed Folding System **SL70** Architect: Arbonies King Vlock, PC



The Lift Bar & Grill, Vancouver, BC NanaWall Wood Framed Folding System **WD65** Architect: Downs / Archambault & Partners

Clean Design Lines



La Jolla Residence, CA NanaWall Single Track Sliding System **HSW60** Architect: Sebastian Mariscal Studio

- All panels are in the same plane in a single track.
- Hinges, sliding/folding and multi-point locking hardware are concealed and integrated into the profiles.
- The sleek lines allow glass areas to be maximized.



Pacific Palisades Residence, CA NanaWall Aluminum Framed Folding System **SL45**
Architect: Cory Buckner, AIA



NanaWall Structurally Glazed Aluminum Framed Folding System **SL82**

Peace of Mind of a Weather Resistant NanaWall



Zugspitze Mountain Restaurant, Germany NanaWall Thermally Broken Aluminum Framed Folding System **SL70**

Weather Resistant

Nana Wall Systems offers eight different folding systems and six different single track sliding systems to meet weather resistant, thermal performance, structural performance, size, function, stacking and aesthetic requirements.

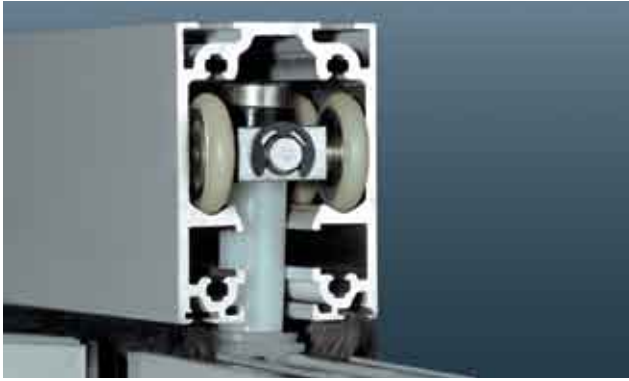


Aspen Residence, CO NanaWall Aluminum Clad Wood Framed Folding System **WA67**
Architect: Mohamad Al Khayer



Rocky Mountain Residence, Park City, UT NanaWall Aluminum Clad Wood Framed Folding System **WA67** Architect: Bridgwater Consulting Group

Long-term Satisfaction of the Superior Engineered NanaWall



Patented twin, independent-axle running carriage with polyamide rollers provide smooth operation on top-mounted systems and no "flat tire" effect if doors remain closed for long periods.



Special dual stainless steel runners and tracks for floor mounted systems prevent wear and tear and are not affected by some debris in the track.



Built in adjustment and compensation points insure continued ease of operation if some building settling occurs.



Concealed hinges ride in a secure track on the spine of wood panels providing some adjustability and overall system stability. Note the double gaskets for weather resistant comfort.

Only the NanaWall operable door system incorporates exclusive Solarlux Technology from Solarlux GMBH of Germany, the world leader in opening glass walls. The NanaWall with Solarlux Technology is the product of more than 25 years of research and development backed by rigorous field and lab testing in the US and Europe. NanaWall's unique, patented Solarlux Technology hardware is engineered for long-term smooth operation and weather resistance. See the difference in each custom built system. Experience the difference precision Solarlux Technology engineering brings to every detail.

NanaScreen

Introducing the premier operable mosquito screen system. Now customized and configured exclusively for the NanaWall.

The NanaScreen is a series of collapsible pleated screen panels riding on a single 1/4" high floor track. Each four inch wide vertical cassette can expand to 3 feet 3 inches of reinforced pleated screen. Multiple panels are connected to create a very large opening. NanaScreen has magnetically secured openings wherever desired. Heights up to 10 feet high are possible.

Durable and easy to operate, the NanaWall brings the outdoors in and the NanaScreen keeps mosquitoes out!



Wisconsin Residence with NanaScreen, Nanawall Folding System **SL70**
Architect: Erdman Holdings Inc.

Design Flexibility

Stacking Options

With folding systems, a multitude of stacking configurations, as well as inward or outward opening options, is available. Variations are paired panels and center pivot options. With single track sliding systems, hundreds of parking bay layouts are possible.

Operable Doors

With folding systems, a single acting operable door is possible. With single track sliding systems, a swing door can be hinged to a side jamb. With the HSW60, a single acting swing panel can be incorporated into a sliding panel.

Sill Options

Different sills are available to meet weather resistance and handicap access requirements.

Custom Sizes and Custom Layouts

All NanaWalls are custom sized to meet design criteria. Segmented curves and open corners are possible.

Glazing Area Options

Most commercially available glazing such as double or triple insulated Low-e glass can be used with a NanaWall. Custom layouts with horizontal mullions, simulated divided lites, inserts, and high bottom rails are available.

Door Material Options:

- Aluminum: Standard and Thermally Broken. Hundreds of high quality powder coated and anodized finishes are available as well as PVDF Kynar for the SL45, SL70, and SL73. Thermally broken systems incorporate a polyamide reinforced nylon with glass fibers.
- Wood: Choice of douglas fir, pine, western hemlock, meranti, oak, laminated bamboo and other selected woods
- Aluminum Clad over Wood: Low maintenance extruded aluminum cladding on the outside and the warmth of wood on the inside.

Hardware Options

Locking choices and custodial hardware are available. Depending on configuration selected, door closers and panic devices can be used to meet ADA and exit requirements.



Melt Restaurant, PA
NanaWall Single Track Sliding System **HSW60**
Architect: Howard Kulp Architects, P.C.



Pasadena Residence, CA
NanaWall Aluminum Framed Folding System **SL45**
Architect: Stephen Hans Nuetzel Architect



Los Angeles Courtyard, CA
NanaWall Wood Framed Folding System **WD66**
Architect: Ripple Design

High Levels of Performance

Many NanaWall systems have been independently tested for water penetration, air infiltration, structural integrity, thermal integrity, acoustical performance, forced entry resistance, missile impact and cyclic pressure.

- The SL60, SL70 and WA67, with high air, water and structural performances, are well suited for many high rise applications.
- The SL73 is Miami-Dade County and AAMA hurricane approved
- The SL60, SL70, WD66, WA67, WD65 HSW65 and VSW65 have been rated, certified and labeled in accordance with NFRC 100 and 200 for thermal performance and are Energy Star approved with selected glazing.
- STC ratings are available for the SL25, SL60, SL70, WD65 and WD66.

As many factors, such as system, size of panels, direction of swing, configuration, type of sill, etc., can affect performance, please contact Nana Wall Systems for detailed test results.

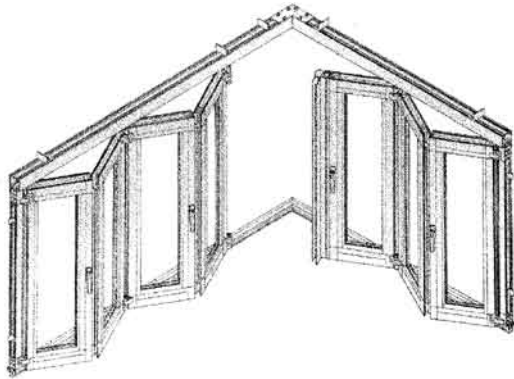
NanaWall is Ideal for Sustainable Architecture

The NanaWall provides health and green design benefits:

- Creates a sense of more space which makes small projects feel bigger; creates outdoor rooms
- NFRC/Energy Star Certified systems with industry leading U-factors and Solar Heat Gain Coefficients
- Natural Ventilation for energy savings and good health
- Daylight with more natural light for energy efficiency and good health
- Weather resistant with excellent air infiltration and water penetration ratings
- Excellent acoustic performance (STC rated) from exterior noise
- Recyclable aluminum frames with 25% pre-consumer recycled content with eco-friendly powder coated finishes
- Wood frames with eco-friendly water based pre-treatment
- PEFC certified Douglas fir is standard and FSC certified pine, meranti, spruce, and American white oak available upon request. Laminated bamboo frames are available.
- Innovative Shipping Crate design for recycling and reduced waste

Functional Selection

NanaWall Folding Systems



Folding Systems are panels connected together in a train. Panels can be hinged off both side jambs to meet in a number of ways. When open, panels remain 90 degrees to the opening.

Advantages of NanaWall Folding Systems

- With an odd number of panels stacking to one side, a single acting operable door is possible.
- Versatile functions with swing enter/exit panel(s) options and with flexibility to fully or partially open.
- Ease of operation to quickly open or close wide openings.
- No auxiliary track support is needed as all structural loads are within the plane of the opening.
- Both top supported and floor mounted systems are available.
- A multitude of stacking configurations, as well as inward or outward opening options, is available. Variations include paired panels and center pivot options.



Seattle Street of Dreams 2006, Sammamish, WA
NanaWall Wood Framed Folding System **WD65**
Architect: Architects Northwest

NanaWall Single Track Sliding Systems

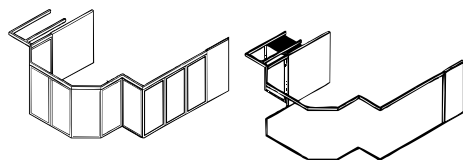
Single Track Sliding Systems provide the greatest versatility. Each panel is supported by two carriers and is moved independently into position, locking into place with tongue and groove connections.

Advantages of NanaWall Single Track Sliding Systems

- Panels can be stacked beyond the plane of the opening and out of sight, such as "pocket" type applications.
- As all the weight is carried by the top track, the floor track does not have a groove or channel. Floor track optional in non water-resistant applications.
- Compared to multi track sliders, as all panels are on a single track and in the same plane, greater weather resistant can be achieved and standard wall thickness can be used.
- Virtually unlimited number of panels is possible, restricted only by structural constraints.
- With the HSW60, units can include incorporated single acting swing panels. The conversion from swing door to sliding panel is easy.
- With the HSW65, VSW35 & VSW65, a swing door can be hinged to a side jamb.



Northport Residence, NY
NanaWall Single Track Sliding System **HSW60**
Architect: Winter & Associates



Suitable for complicated openings, any segmented angle between 0° and 90° between flat panels is possible.

Configurations for Nanawall Folding Systems

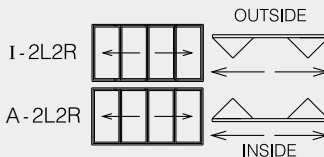
With NanaWall Folding Systems you can choose from hundreds of configuration options. Shown below are some examples.

The total number of panels in your wall opening depends on your design and the combination of panel height, width and glazing. With a limit of six hinged panels stacking to one side, a maximum width can be between

39' and 43' depending on the system selected. With top-hung systems—with additional unhinged paired panels—the **maximum number of panels and width is virtually unlimited.**

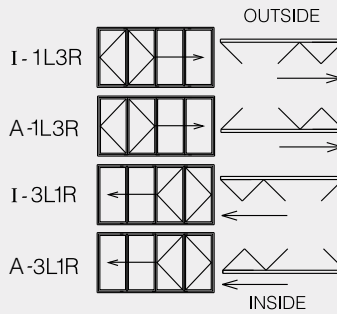
The Basic Configurations for a 4-panel NanaWall Folding System:

Symmetric Solution

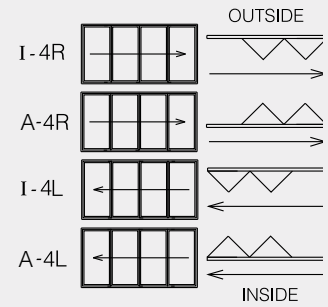


Similar analogs are possible with other numbers of panels.

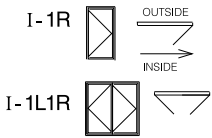
Pair of Swing Doors Solution



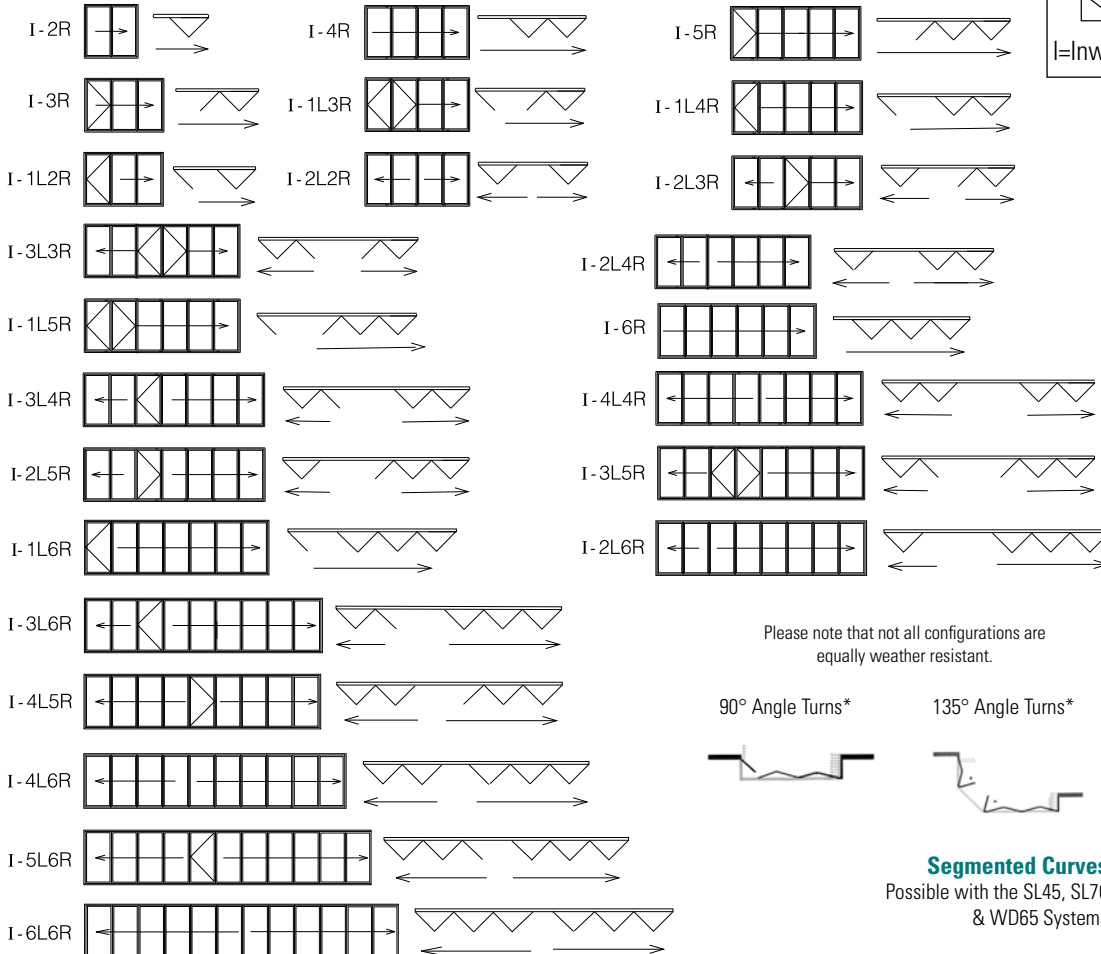
All Panels Folding to One Side



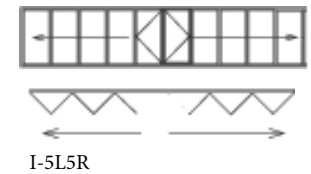
MODEL:



Here are some inward opening configurations with most panels folded to the right. **The exact mirror configurations can be achieved with the majority of panels folded to the left.** The same configurations are also available as outward opening.



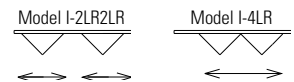
→ Indicates folding direction.
 Indicates single swing panel
 Indicates double french doors.
 I=Inward Opening A=Outward Opening



Some Other Examples

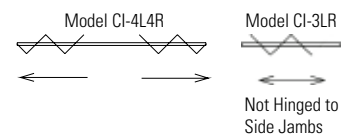
Paired Panels

Possible with SL45, WD65 and WA67. Virtually unlimited opening widths are possible.



Center Pivot

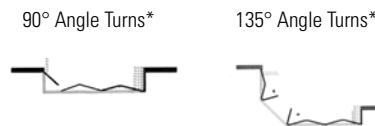
Possible with the SL45 & WD65 Systems



Not Hinged to Side Jamb

Segmented Curves

Possible with the SL45, SL70 & WD65 Systems



NanaWall Folding Systems—Aluminum Frames

Depending on the application, NanaWall Systems, Inc. offers six different aluminum profile systems to meet weather resistant, thermal performance, structural performance, size, function, stacking and aesthetic requirements.

SYSTEM	SUPPORT	MAXIMUM FRAME PANEL SIZE RANGE ¹	KEY PROPERTIES ²
SL45	Top Hung	3'7" x 8'6" – 2'11" x 9'6"	Monumental top hung system, center pivot, angle changes and segmented curves possible.
SL60	Top Hung or Floor Mounted	3'3" x 7'10" – 2'3" x 9'2"	Thermally broken system, high weather testing results with the Raised Sill (inswing tested to 12 psf), NFRC certified, Energy Star-rated, and STC ratings available. Suitable for residential and highrise applications.
SL70	Floor Mounted	4' x 8'2" - 3' x 9'10" 3'7" x 9'2" – 3' x 12'2" ³	Thermally broken system, high weather testing results with the Raised Sill (inswing and outswing tested to 12 psf), 90° angle changes possible, suitable for highrise applications. NFRC certified, Energy Star-rated, and STC ratings available.
SL73	Floor Mounted	up to 3' x 8'2"	Dade County, Florida State and AAMA hurricane approved thermally broken system with impact glass, vandal resistant.
SL35	Top Hung	3'3" x 7'10" – 2'7" x 8'10"	Standard top hung system, primarily residential.
SL82	Floor Mounted	up to 3'3" x 8'2"	Structurally glazed, thermally broken system. All glass look from the exterior to match structurally glazed curtain wall systems.

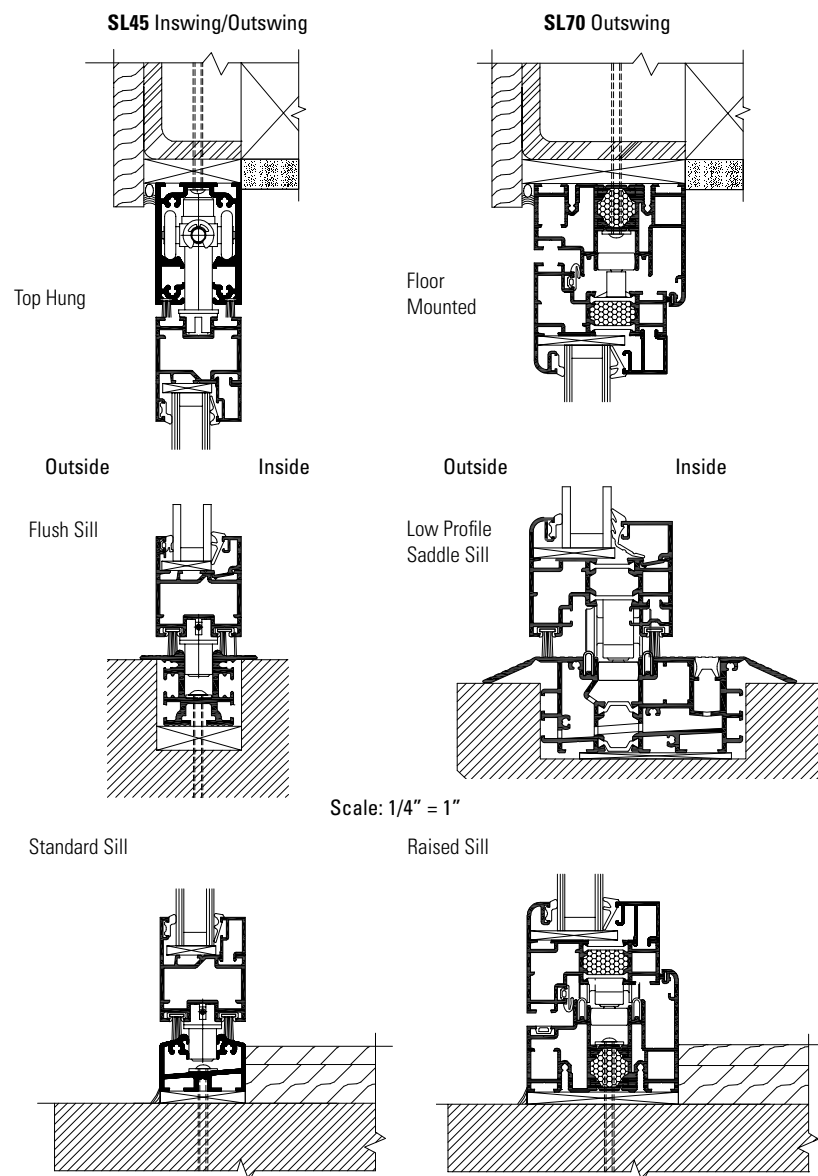
¹ Maximum size depends on the combination of panel height, width and glazing. ² As many factors, such as system, size of panels, direction of swing, configurations, type of sill, etc. can affect performance, please contact NanaWall Systems for detailed test results. ³ With horizontal mullions.



Newport Beach Residence, CA NanaWall Aluminum Framed Folding System **SL45**



Whitetails Shore Lodge, McCall, ID NanaWall Thermally Broken Aluminum Framed Folding System **SL70**



NanaWall Folding Systems—Wood and Clad Frames

Depending on the application, Nana Wall Systems, Inc. offers three different wood profile systems to meet weather resistant, thermal performance, structural performance, size, function, stacking and aesthetic requirements.

SYSTEM	SUPPORT	MAXIMUM FRAME PANEL SIZE RANGE ¹	KEY PROPERTIES ²
WD66	Top Hung or Floor Mounted	3'3" x 7'8" - 2'3" x 9'10"	90° angle changes possible, very high weather testing results with the Raised Sill (inswing and outswing units tested to 12 psf). NFRC certified, Energy Star-rated, and STC ratings available.
WD65	Top Hung	3'7" x 8'6" - 3' x 10' ³	Center pivot, angle changes and segmented curves possible. NFRC certified, Energy Star-rated, and STC ratings available.
WA67	Top Hung or Floor Mounted	3'3" x 7'8" - 2'3" x 9'10"	Aluminum on the outside, wood on the inside, very high weather testing results with the Raised Sill (inswing and outswing units tested to 12 psf). Suitable for highrise applications. NFRC certified and Energy Star rated.

¹ Maximum size depends on the combination of panel height, width and glazing. ² As many factors, such as system, size of panels, direction of swing, configurations, type of sill, etc. can affect performance, please contact NanaWall Systems for detailed test results. ³ With horizontal mullions.

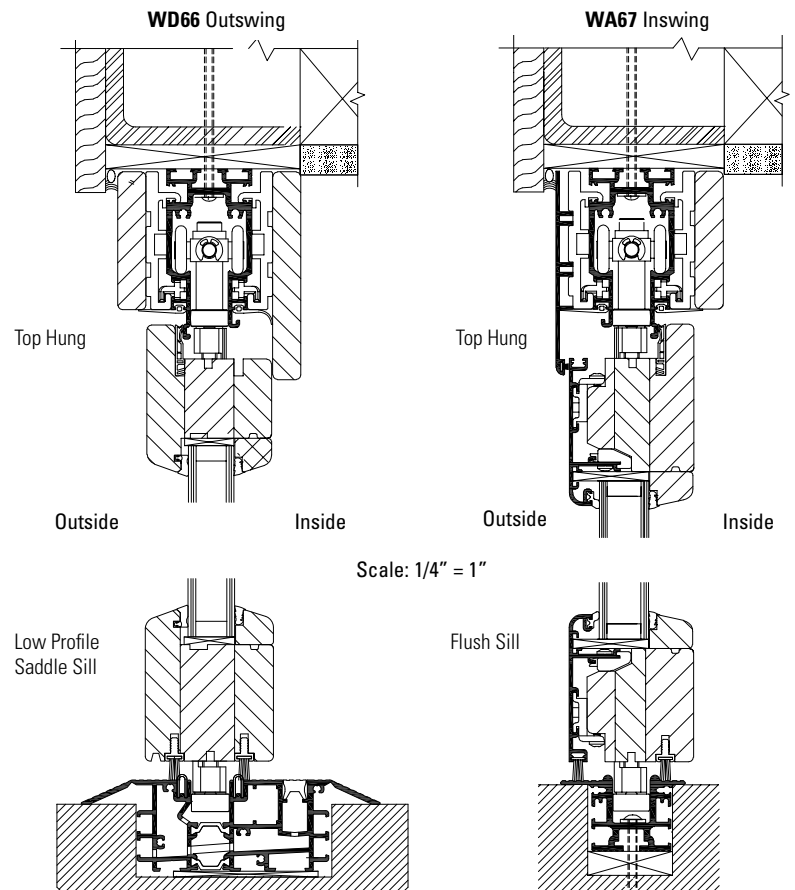
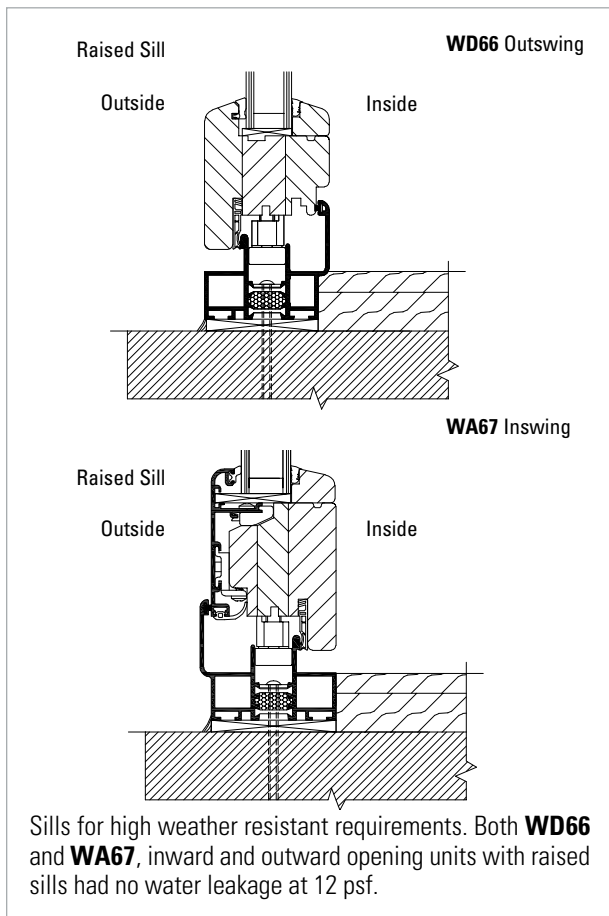
The **WA67** system combines wood and aluminum. As aluminum and wood expand and contract at different rates; aluminum is attached to wood with spacers so they do not touch directly.



Brooklyn Residence, NY
NanaWall Aluminum Clad Wood Framed Folding System **WA67**



Cardiff by the Sea Residence, CA
NanaWall Wood Framed Folding System **WD65**



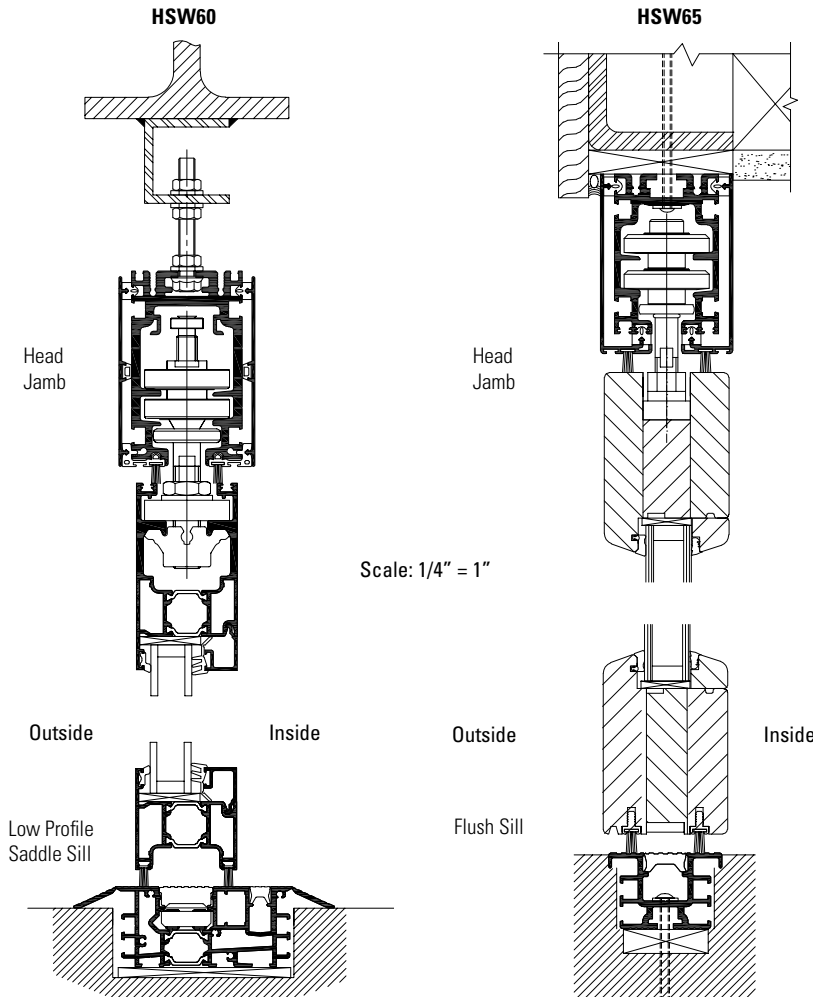
Choices of NanaWall Single Track Sliding Systems

NanaWall single track sliding systems provide the ultimate in versatility and flexibility. Opening glass wall systems that can easily be slid away completely out of site when desired.

Depending on the application, Nana Wall Systems, Inc., offers several different single track sliding systems to meet weather resistance, thermal performance, structural performance, size, function, stacking and aesthetic requirements.

SYSTEM	FRAME	SUPPORT ⁴	MAXIMUM FRAME PANEL SIZE RANGE ¹	KEY PROPERTIES ²
HSW60	Aluminum	Top Hung	up to 4' x 12'	Thermally broken system, incorporated swing doors possible, angle changes and segmented curves possible, unlimited range of stacking options.
HSW65	Wood	Top Hung	up to 4' x 10'	Angle changes and segmented curves possible, unlimited range of stacking options, a swing door can be hinged off a side jamb. NFRC certified and Energy Star rated.
VSW35	Aluminum	Top Hung	3'3" x 8'6" – 3'11" x 7'10"	Ideal for pocket solutions, a swing door can be hinged off a side jamb.
VSW65	Wood	Top Hung	up to 5' x 10'	BeyondLiftSlide is ideal for pocket solutions, a swing door can be hinged off a side jamb. NFRC certified and Energy Star rated.
VSW65	Wood	Top Hung	up to 4' x 10' for sliding panels up to 3'3" x 10" for swing panels	SwingSlide is a single track slider with center swing doors. NFRC certified and Energy Star rated.
SL25	Glass/Aluminum	Top Hung	up to 2'7" x 9'	NanaGlass has no vertical frames, for unbroken views, operable balcony and porch enclosure system.

¹ Maximum size depends on the combination of panel height, width and glazing. Consult Nana Wall Systems with your size requirements. ² As many factors, such as system, size of panels, direction of swing, configurations, type of sill, etc. can affect performance, please contact Nana Wall Systems for detailed test results. ³ With horizontal mullions.



United Nations International School, NY NanaWall Single Track Sliding System **HSW60** Architect: Skidmore, Owings & Merrill



Wellesley College, Wellesley, MA NanaWall Single Track Sliding System **HSW65** Architect: Einhorn Yaffee Prescott



Autzen Stadium Sky Boxes, University of Oregon, OR NanaWall Single Track Sliding System **HSW60** Architect: Ellerbe Becket, MO

Configurations for NanaWall Single Track Sliding Systems

Shown below are some basic configurations for NanaWall Single Track Sliding Systems. The panels can be stacked visibly or hidden in a wall pocket. A virtually unlimited number of panels is possible. As each wall opening situation is unique, please submit your ideas and sketches to Nana Wall Systems for evaluation.

NanaWall systems HSW60, HSW65

With the aluminum framed HSW60, the glass wall can include incorporated single acting swing panels. The conversion from swing door to sliding panel is easy. With the HSW65, a swing door can be hinged to a side jamb.

With an ingenious, variable angle astragal profile, any segmented angle between 0° and 90° between flat panels is possible. See circular HSW65 unit below.

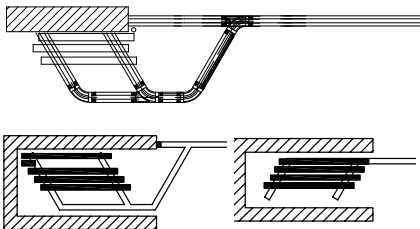
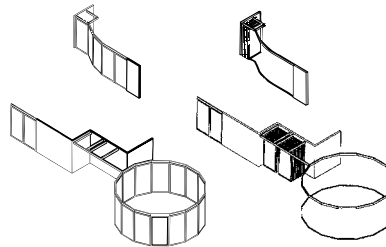


Marin County Hilltop Residence, Mill Valley, CA
NanaWall Single Track Sliding System **HSW65**

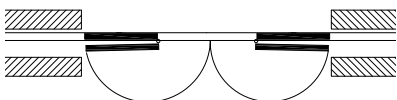
VSW35 and VSW65 BeyondLiftSlide

The VSW systems are ideal for "pocket" type applications. A swing door can be hinged to a side jamb.

Some possible stacking configurations.



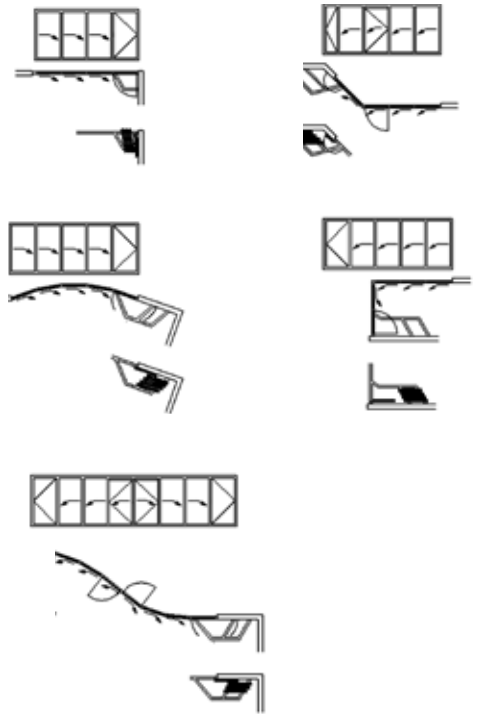
VSW65 Swing Slide



Metropolitan Home, CA
NanaWall **VSW65** SwingSlide
Architect: Mark English Architects

HSW60

Some possible configurations. Note the number of panels is virtually unlimited.



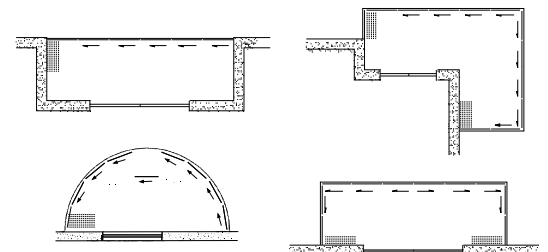
NanaGlass SL25

All glass system for balcony and patio enclosures.



Issaquah Residence, WA
NanaGlass **SL25**
Architect: Owen Roberts Group

Some possible stacking configurations.





Maritime Parc, NY NanaWall Thermally Broken Aluminum Framed Folding System **SL70**

Nana Wall Systems, Inc.

Nana Wall Systems is the North American partner of Solarlux, Germany, the world leader in operable glass wall technology.

Please contact Nana Wall Systems for architectural sales representatives, trained installers, and showroom locations.

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- Thousands of Project Photos
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Se San Diego Hotel NanaWall Thermally Broken Aluminum Framed Folding System **SL60**
 Architect: Nestor + Gaffney Architecture

- Residential Indoor/Outdoor Living
- Restaurants & Cafés
- Commercial Offices/Banks/Sound Studios
- Hotels/Resorts/Spas
- Retail Storefronts/Malls
- Clubhouses/Community Centers
- Loft Conversions/Interior Space Separations
- Sanctuaries/Reception Halls
- Schools/Libraries/Museums
- Stadiums/Luxury Boxes
- Hospitals/Assisted Living
- Auto Showrooms
- High & Mid-Rises/Condominiums
- Sunrooms/Solariums



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 technology