



THE UNIQUE ADVANTAGES OF GENERATION 4 FOURFOLD AND SIXFOLD PANEL SETS

NanaWall®
Boundaries Unbound®

THE BENEFIT OF FOURFOLD AND SIXFOLD PANEL SETS

- On which side should I stack my folding glass doors? To the left or to the right? To that we say—why not both? With the latest NanaWall innovation unique to Generation 4 systems, FourFold and SixFold panel sets can stack to the left, to the right, or center of the opening, delivering a truly flexible threshold.
- FourFold and SixFold panel sets allow for wider openings by sectioning folding glass panels into smaller stacks that are easy to maneuver in both interior and exterior applications.
- Compared to conventional configurations that stack only to the right or to the left, these panel sets allow for quick spatial customizations at any given time, ideal for both residential and commercial spaces.



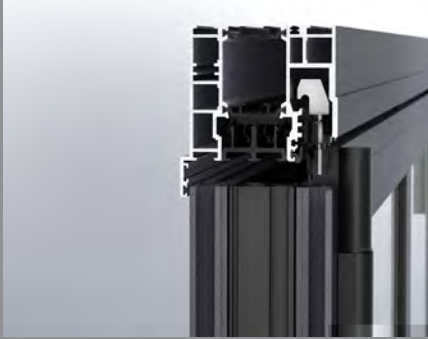
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LEFT OR RIGHT STACKING: WHY NOT BOTH?

- Choosing between left or right panel stacking depends on the unique demands of your space and how you plan to use it. Some key things to consider are furniture placement, foot traffic, accessibility, design aesthetics, and other unique space limitations.
- For even greater space management, FourFold and SixFold panel sets allow panels to stack to the left, right, and center of the opening without being restricted to just left or right stacking. Floating panels can also be stacked on both sides of the opening, dividing the panels into two manageable stacks.



FEATURES, SPECIFICATIONS, AND TECHNICAL TOOLS



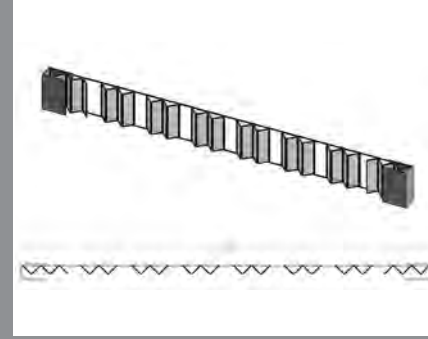
Anti-Tilt Feature

Each floor supported FourFold and SixFold panel set is outfitted with a proprietary engineered anti-tilt feature in the head track. This feature assures that the floating panels stack neatly and securely when in an open position. Panels may stack either to the right side, to the left side, or anywhere within the opening. This feature also contributes to the smooth operation of the panels and additional structural durability.



Swing Doors

Folding glass wall can be specified with swing doors attached to the jambs, with options for a swing door at one or both ends for added flexibility. These doors provide quick egress when the system is closed. In commercial spaces, swing doors help direct traffic alongside customizable kickplates and panic hardware to meet compliance standards.



Unlimited Widths

FourFold and SixFold panel sets enable folding glass walls to achieve unlimited widths by dividing panels into sets of four or six. Each set operates independently along a single track, creating more manageable stacks while maintaining effortless operation. This design offers enhanced flexibility and convenience, making it ideal for accommodating expansive openings.



Technical 3D Configurator

NanaWall Systems offers a convenient 3D interactive configurator tool that creates customized visualizations of your system with helpful animations to facilitate the design process. The configurator makes it easy to input your proposed system dimensions and see it in action. Additional configuration details you can visualize are material choice, powder coating color, hardware, and inward or outward panel stacking.





DESIGN INSPIRATION FROM REAL-LIFE APPLICATIONS



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CREATING A FUTURE-READY LEARNING ENVIRONMENT

Del Dios Academy in San Diego transformed its campus with future-ready learning environments for its students. A new 26,000-square-foot STEM building features flexible classrooms, collaborative corridors, and dynamic furniture that caters to the demands of 21st Century learning. Multiple NanaWall NW Acoustical 645 systems, with convenient SixFold panel sets, were specified to merge classrooms with hallways, maximizing space for various activities throughout the day. The systems neatly stack to the left, right, or center of the opening depending on the needs of the day, allowing for optimal flexibility and egress at both ends of the opening.

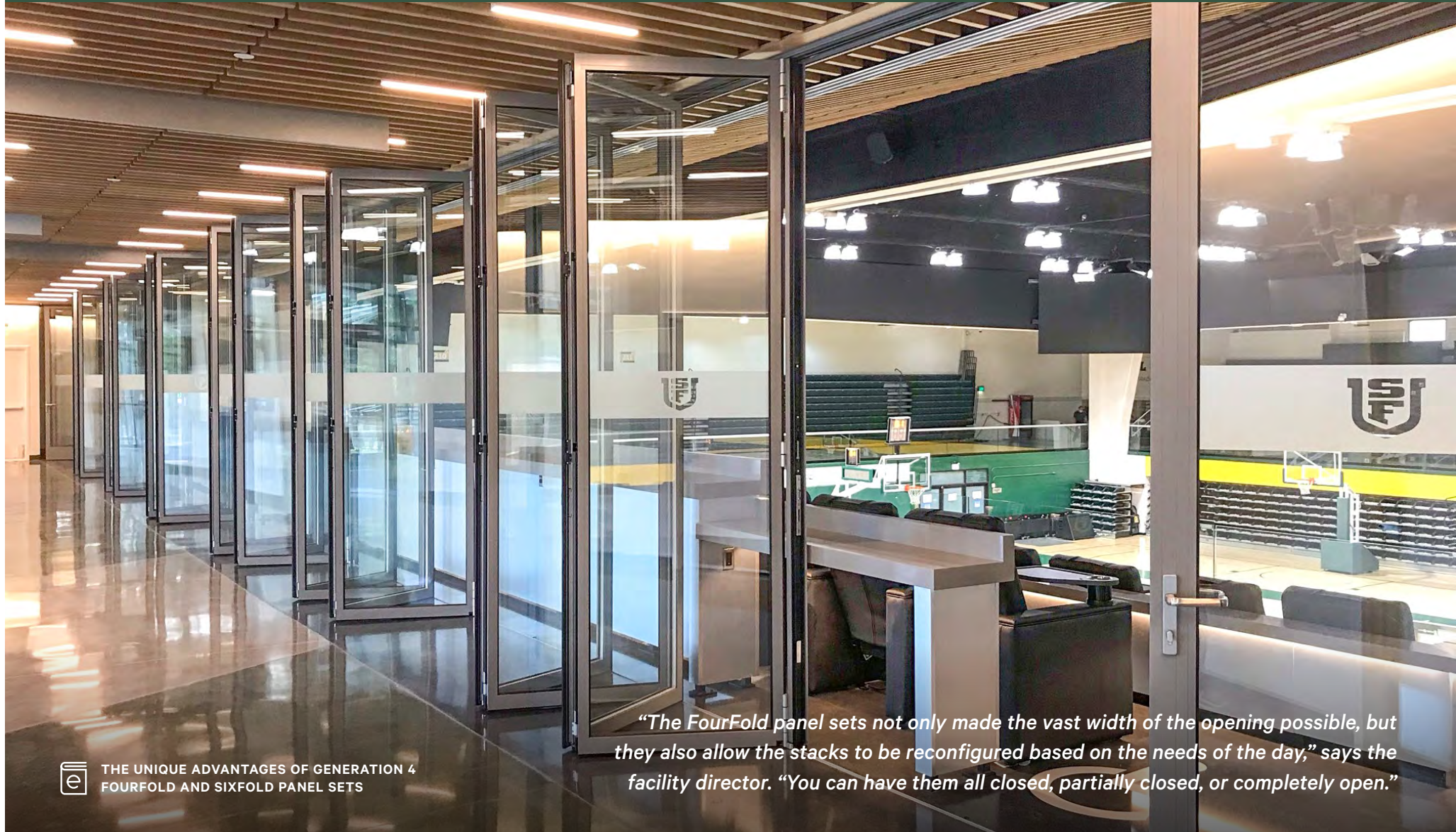


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*“The floating panels allow for swing doors at each end,” says the project coordinator.
“This has enhanced the flexibility of the classroom, and we can better control traffic flow.”*

THE WIDEST INTERIOR FOLDING INSTALLATION IN THE WORLD

Standing at an impressive 102-foot-wide, the dynamic opening at the University of San Francisco's Sobrato Center highlights the possibilities of innovative FourFold panel sets. Achieving sound control of unit STC 40, the NW Acoustical 645 not only offers acoustical buffering in the multi-use space but also offers a fully customizable opening. The panels can be opened in the middle, at one end, both ends or entirely disappear into the alcoves. This allows for optimal space management, a benefit for an environment that will be used beyond game day to host various events throughout the year.



“The FourFold panel sets not only made the vast width of the opening possible, but they also allow the stacks to be reconfigured based on the needs of the day,” says the facility director. “You can have them all closed, partially closed, or completely open.”



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FLEXIBLE LAW OFFICE CONFERENCE ROOM

In this law office, a wood framed NanaWall folding glass wall delivers a transformative design solution that allows for interchangeable floorplans and maximum transparency without disrupting privacy and aesthetics. The NW Acoustical 545, with an impressive unit STC 40, segments a bright and airy open concept workspace, allowing a spacious conference room to close off for private meetings or open to merge with the communal work areas. The system, paired with an ADA-compliant interior flush sill, creates seamless, unobstructed transitions between spaces. For optimized traffic flow, the system was customized with a SixFold panel set that allowed for a swing door to be specified at each end of the opening.



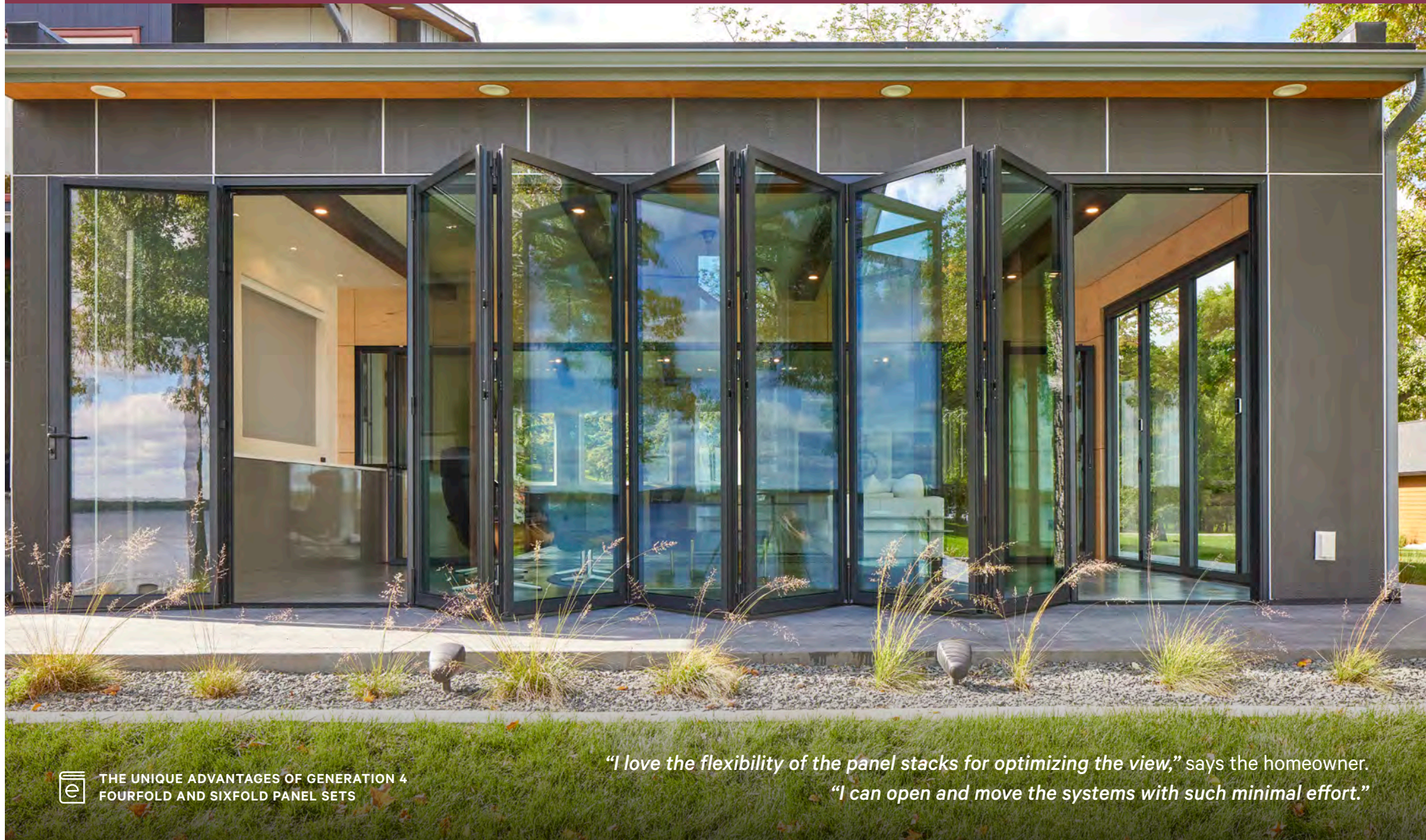
“The floating panels and the swings doors at each end of the opening are a game changer,” says the project designer. “They create two points of egress that control traffic flow and enhance the overall flexibility of the conference room.”



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MINNESOTA LAKEFRONT ADDITION

This lakeside vacation home offers endless opportunities for outdoor recreation. Seeking a space to comfortably enjoy the changing seasons, the homeowners built a four-season room over the existing concrete patio with stellar views of Detroit Lake. Three folding glass walls open the space to the outdoors and provide shelter during inclement weather. The primary system delivers an impressive 22-foot-wide opening with a SixFold panel set, allowing the system to stack to the left, right, or center of the opening. This configuration allows the panel stack to park next to the hinged swing door at the jamb to keep the view unobstructed.



"I love the flexibility of the panel stacks for optimizing the view," says the homeowner.

"I can open and move the systems with such minimal effort."



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NEW YORK MULTIFUNCTIONAL POOL HOUSE AND CABANA

This charming pool house sits behind a Colonial-style New York residence bordering a thick, green woodland. The homeowners wanted to make the space easily accessible to the outdoor amenities without interrupting views as well as an indoor-outdoor space that could be used regardless of weather. Key to the design are three movable glass walls, including one with a convenient SixFold panel set, that opens the pool house on three sides for the ultimate poolside retreat.



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"We love the idea of the panel sets," says the homeowner.

"We stack ours against the swing door so as to not have two sides obstructed."

CONTEMPLATIVE RETREAT AMIDST MONTANA WILDERNESS

This architectural wonder sits quietly on a sloped terrain overlooking the breathtaking Montana wilderness. The home features a modest layout to not disrupt the natural environment with two folding glass walls that open the primary living spaces to the outdoors. Each system was specified with a FourFold panel set for optimal flexibility, allowing the homeowner to stack the panels to the left, right, or center of the opening. Specified swing doors at the jambs allow for easy transitions when the systems are closed or during inclement weather. This way, the space is continuously connected to the outdoors with stunning, uninterrupted views of the mountains.



“There is an important feature used in these systems, which is the single operable door,” says designer Lori Ryker. “In the mountain environment, which is not mild, if the panels need to be closed, it is still an option for people to move out into the veranda for a cocktail or to watch the sunset or wildlife without losing all the heat inside.”



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Enhanced Flexibility for Optimal Aesthetics

- Unique to NanaWall Generation 4 Folding Glass Walls, FourFold and SixFold panel sets enable seamless transitions and optimal space control with panels that can stack to the left, right, and center of the opening.
- Whether enhancing residential interiors with the indoor-outdoor experience or creating dynamic commercial spaces that attract passersby, these systems offer optimal versatility and wide openings.
- The result are bright and open spaces that are functional, aesthetically beautiful, and connected to the outdoors—redefining the way spaces interact with their surroundings.

The One and Only NanaWall

At NanaWall, design is as much about how it looks as how it works. For 40 years, we have been leading the industry in developing and refining our opening glass walls to create solutions that visually harmonize with space, transform the architectural experience, and provide decades of enduring performance.

Explore our opening glass wall product families:



FOLDING GLASS WALLS



SINGLE TRACK GLASS WALLS



FRAMELESS GLASS WALLS

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nanawall.com | 800 873 5673 | info@nanawall.com