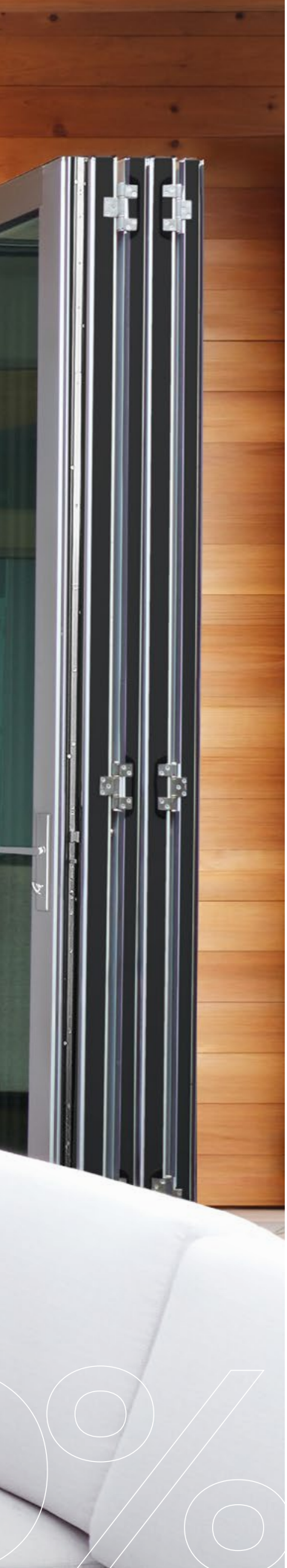

MILGARD
Moving
Glass Walls
LUXURY LARGE-SCALE DOORS
CONTEMPORARY DESIGN
MAXIMIZED VIEWS
ALUMINUM AND VINYL CHOICES
By MITER Brands™
WALLS



WHY WE'RE THE RIGHT CHOICE.

MILGARD offers beautiful, worry-free windows and patio doors to frame each of life's little moments. Our exacting manufacturing processes and the innovations we develop mean you get reliable windows and doors that perform year after year. With MILGARD, you'll receive a level of service and quality others simply can't match, backed with an industry-leading warranty.



MILGARD®

Framing home in a new light

The path to perfect windows and doors has never been more clear. From tranquil mornings to lively family dinners, MILGARD seamlessly connects you to what matters most: windows and doors that frame life's most meaningful moments.

As a trusted brand for more than half a century, MILGARD offers products that promise long-lasting comfort, protection, and exceptional quality day after day, year after year.

EXPERIENCE IS EVERYTHING

Our experts match you with attractive, reliable windows and patio doors that best fit your home, your needs, and your price point.

CONFIDENCE TO CREATE

We deliver the highest-quality windows and patio doors through our passion for craftsmanship and a relentless pursuit of 100%.

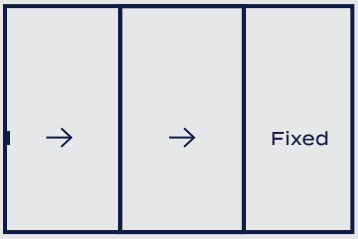
EVERY DETAIL, EVERY DAY

From robust testing and precision manufacturing processes to the innovations we develop for your comfort, every detail matters.

VX450 Stacking Doors

Bring indoor and outdoor living together with the VX450 Moving Glass Walls system. Expansive glass panels and narrow sightlines create wide-open views and fill the home with natural light, while durable vinyl construction, smooth operation, and energy-efficient performance deliver comfort and dependability for everyday living.

OPERATING STYLE



2-Panel, 3-Panel, and 4-Panel

SILL OPTION



FINISH OPTIONS



White | Adobe | Black Capstock

HARDWARE AND FINISH OPTIONS



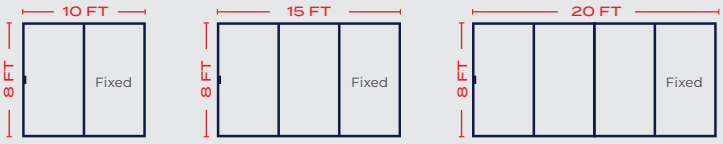
Standard Handle | D-Handle | Flush Handle | SmartTouch® Handle



White | Adobe | Black

All hardware finish options are color matched to the frame

MAXIMUM STACKING DOOR SIZING*



2-Panel | 3-Panel | 4-Panel

Opposite handing available, please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
Colors shown are approximate. Visit your local Dealer to see accurate finish samples.



See our
entire VX450
offering online!

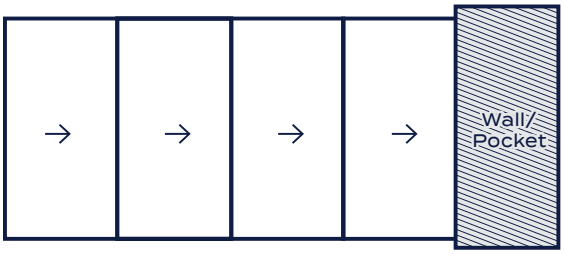


See our entire VX450 offering online!

VX450 Pocket Doors

Create a dramatic connection between indoor and outdoor living with the VX450 Moving Glass Walls system. Designed so the glass panels slide neatly into a pocket within the wall, the VX450 can open the space almost completely to the outdoors. Expansive glass, narrow sightlines, smooth operation, and durable vinyl construction come together in a contemporary solution designed for open, inviting living.

OPERATING STYLE



3-Panel, and 4-Panel

SILL OPTION



FINISH OPTIONS

White

Adobe

Black
Capstock

HARDWARE AND FINISH OPTIONS



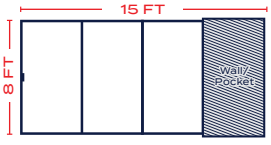
Flush Handle

White

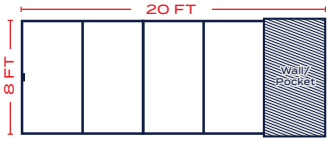
Adobe

Black

MAXIMUM POCKET DOOR SIZING*



3-Panel



4-Panel

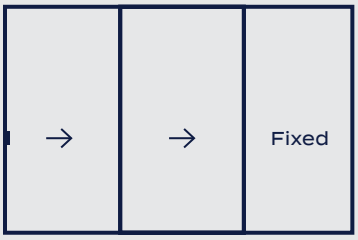
Opposite handing available, please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All hardware finish options are color matched to the frame.
Panel screens available on pocket doors with flush handles only and only in select sizes.
On-screen and printed color representations may vary from actual finish colors.

AX450 Stacking Doors

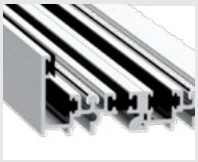
Enhance your home's contemporary look with our AX450 stacking Moving Glass Walls system. This patio door's panels stack on top of each other when open, giving your home a modern look while merging your interior and exterior spaces. Featuring a sturdy aluminum frame and numerous energy-efficient features, the AX450 is a sliding patio door built for the 21st century.

OPERATING STYLE



3-Panel, and 4-Panel

STACKING DOOR SILL OPTIONS



Water Barrier Sill



Flush Sill

FINISH OPTIONS



Warmtone



White



Bronze Anodized



Satin Anodized

HARDWARE



Premium Handle



Flush Handle

HARDWARE FINISHES

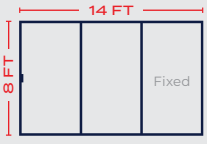


Black

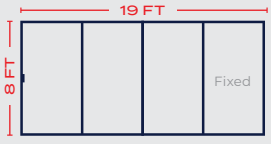


Brushed Nickel

MAXIMUM STACKING DOOR SIZING*



3-Panel



4-Panel

Opposite handing available, please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
Colors shown are approximate. Visit your local Dealer to see accurate finish samples.



See our entire AX450 offering online!

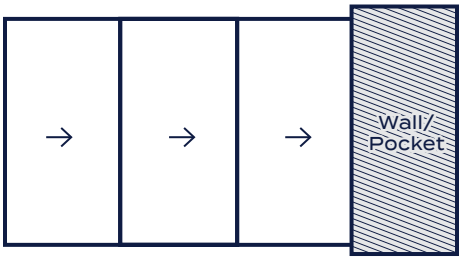


See our entire AX450 offering online!

AX450 Pocket Doors

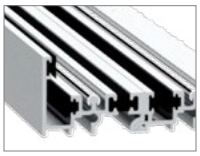
Bring the outside in with the AX450 pocket Moving Glass Walls system. This thoroughly modern sliding patio door disappears into a pocket in the wall when fully open, creating a space that's ideal for entertaining or just relaxing on the patio. Plus, the AX450 pocket door's aesthetic features perfectly complement its durable aluminum frame.

OPERATING STYLE



3-Panel, and 4-Panel

POCKET DOOR SILL OPTIONS



Water Barrier Sill 1 ½ Inch



Flush Sill ¾ Inch

FINISH OPTIONS



Warmtone



White



Bronze Anodized



Satin Anodized

HARDWARE



Flush Handle

HARDWARE FINISHES

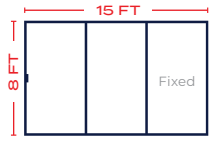


Black

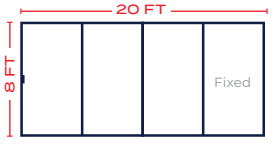


Brushed Nickel

MAXIMUM POCKET DOOR SIZING*



3-Panel



4-Panel

Opposite handing available, please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
On-screen and printed color representations may vary from actual finish colors.

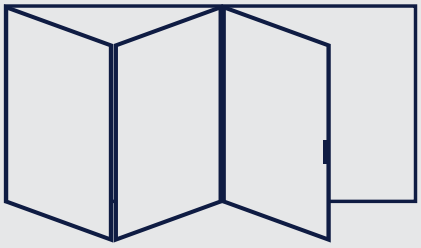


See our entire AX650 offering online!

AX650 Bi-fold Doors

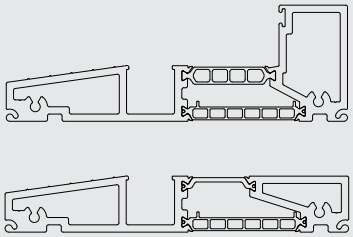
Unfold the potential of your home and experience a luxurious way to enjoy all the space it has to offer. As the AX650 bi-fold door opens, each panel folds on top of the adjacent panel like an accordion. The innovative top-hung design provides a door that's not only easy to use, but reduces the amount of maintenance you will need to perform over time.

OPERATING STYLE



3-Panel, 4-Panel, and 5-Panel

BI-FOLD DOOR SILL OPTIONS



Mid-Height 2 Inch

Low-Height 1 Inch

FINISH OPTIONS

Bronze Anodized

Clear Anodized

Warmtone

White

HARDWARE



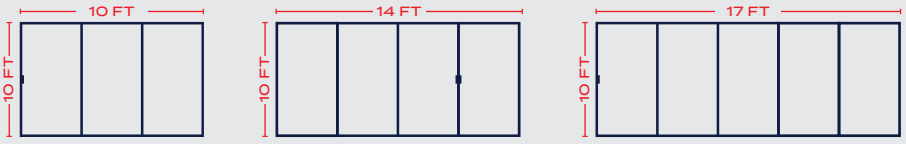
Standard Handle

HARDWARE FINISHES

Black

Brushed Nickel

MAXIMUM BI-FOLD DOOR SIZING*



3-Panel

4-Panel

5-Panel

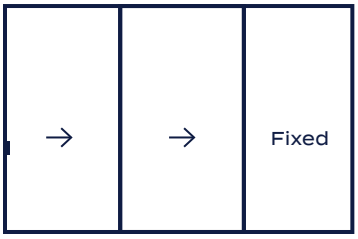
Additional door configurations are available; please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
On-screen and printed color representations may vary from actual finish colors.

AX650 Stacking Doors

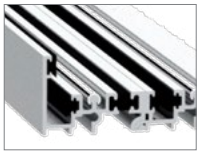
Create a vibrant mural of the outdoors with our AX650 stacking moving glass wall. These large sliding glass panels offer sweeping outdoor views, flooding the room with natural light and fresh air. When it's open, get ready to entertain indoors and out, as this door invites people to seamlessly mingle between the two.

OPERATING STYLE



2-Panel, 3-Panel, and 4-Panel

STACKING DOOR SILL OPTIONS



Water Barrier Sill 1 ½ Inch

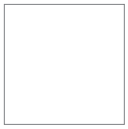


Flush Sill ¾ Inch

FINISH OPTIONS



Warmtone



White



Bronze Anodized

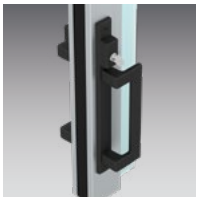


Clear Anodized

HARDWARE



Flush Handle



Contemporary Handle

HARDWARE FINISHES

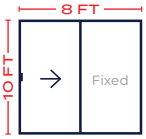


Black

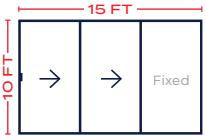


Brushed Nickel

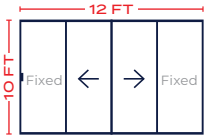
MAXIMUM STACKING DOOR SIZING*



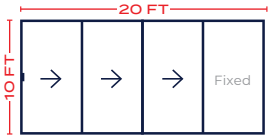
2-Panel



3-Panel



4-Panel



4-Panel

Opposite handing available, please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
Retractable screens available on stacking doors with flush handles only and only in select sizes.
On-screen and printed color representations may vary from actual finish colors.



See our entire AX650 offering online!

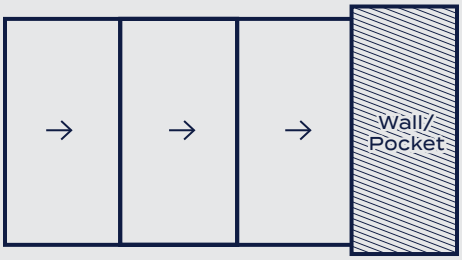


See our entire AX650 offering online!

AX650 Pocket Doors

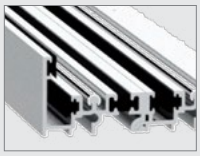
When fully open, the panels of our AX650 pocket door slide into the wall and completely disappear from view. Even when they are closed, these expansive moving glass panels make a design statement with the panoramic views they provide. Simple luxury that's easy to use – open up to maximize your view and allow fresh air in.

OPERATING STYLE



2-Panel, 3-Panel, and 4-Panel

POCKET DOOR SILL OPTIONS



Water Barrier Sill 1 ½ Inch



Flush Sill ¾ Inch

FINISH OPTIONS



Bronze Anodized



Clear Anodized



Warmtone



White

HARDWARE



Flush Handle

HARDWARE FINISHES

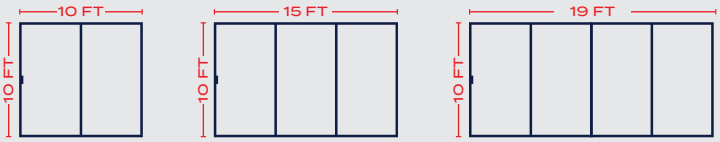


Black



Brushed Nickel

MAXIMUM POCKET DOOR SIZING*



2-Panel 3-Panel 4-Panel

Width dimensions do not include additional width for the pocket.

Opposite handing available; please consult your MILGARD dealer for details.

* Sizes have been rounded to the nearest foot; please consult dealer for exact dimensions.
All finish options are color-matched interior to exterior.
Retractable screens available on pocket doors with flush handles only and only in select sizes.
On-screen and printed color representations may vary from actual finish colors.



OUR COMMITMENT TO YOU

We have a dedication to quality and build our windows and patio doors to last. With Moving Glass Walls, you're covered with our Lifetime Limited Warranty.

See details at milgard.com/warranty

OUR GOAL IS 100% TROUBLE-FREE

With a goal of 100% trouble-free, our teams work tirelessly to help ensure your project stays on track.

From regular inspections and quality audits throughout the manufacturing process, we strive to ensure that the final product you receive meets our high standards.

In addition, most MILGARD windows and patio doors carry the American Architectural Manufacturers Association (AAMA) Gold Label to show they have met their strict requirements, which are tested and certified by a third party. This rigorous testing includes water penetration, air leakage, structural integrity, and forced entry resistance.


100%



MOVING GLASS WALLS

MILGARD®
WINDOWS and DOORS

Success means getting it right
in every detail, every time.
Build boldly with MILGARD.

milgard.com

By MITER Brands™

A family of leading window and door
brands, united by our passion for
quality and relentless pursuit of 100%.

miterbrands.com

©2026 Milgard Manufacturing, LLC. All rights reserved.
ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency.