



# V450

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## HOMEMAKER SERIES

PREMIUM VINYL WINDOWS & PATIO DOORS



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FOR NEW CONSTRUCTION OR REPLACEMENT  
STYLISH AND DURABLE



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## Classic design. Timeless appeal.

The V450 is a premium vinyl window and patio door series that is perfect for replacement or new home construction projects.

Designed with relentless attention to detail, the V450 is built with precision utilizing high-performance materials to optimize for energy efficiency.

The stylish frames can help enhance the curb appeal of your home for years to come.

#### V450 | HOMEMAKER SERIES OFFERS:

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Six frame colors to enhance the look of any style home
- Recessed lock and keeper enhances the style and creates a tighter, safer seal
- The Milgard Lifetime Limited Warranty





# Why Milgard Windows & Doors

## Quality

Milgard offers award-winning windows and patio doors built for long-lasting comfort. For over 50 years, industry experts have consistently recognized Milgard as a trusted brand. In fact, we've been the #1 online rated window and patio door brand for four years in a row\*.

\*According to MetrixLab.

## Experience

Since 1962, Milgard has designed and assembled superior custom-made windows and patio doors for replacement, remodeling and new construction. Milgard is known for their industry-leading designs, using patented technologies, that help make your home more comfortable.

## Service

We have always taken great pride in our ability to provide exemplary customer service. We believe that being close to our customers allows us to provide a better service experience. You'll find Milgard factory trained technicians near you in the Western U.S.

## Warranty

We have a dedication to quality and build our windows and patio doors to last. With V450, you're covered with our Lifetime Limited Warranty. Full Lifetime Warranty also available as an optional upgrade for a fee and must be selected at time of purchase. See complete details at [MILGARD.COM/WARRANTY](https://www.milgard.com/warranty)



Enhance  
the look of  
your home  
with Milgard  
windows and  
patio doors



# Define Your Home with Windows

V450 vinyl windows offer a breadth of operating styles so you can customize your home to be as unique as you are. These windows are relentlessly tested, so, there's nothing left to chance. You can trust this high-quality selection in your home for years to come.



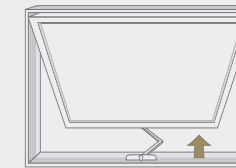
Single Hung

**HARDWARE**  
Cam Lock (standard)  
Auto Lock\* (upgrade)



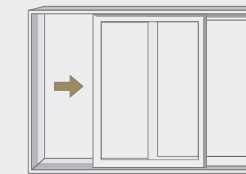
Casement

**HARDWARE**  
Casement/Awning Operator



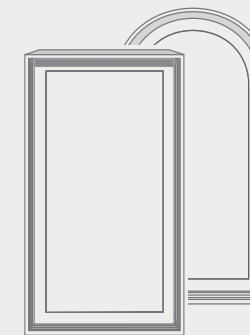
Awning

**HARDWARE**  
Casement/Awning Operator



Horizontal Slider

**HARDWARE**  
Cam Lock (standard)  
Auto Lock\* (upgrade)



Picture and Radius

**HARDWARE**  
Non-operable

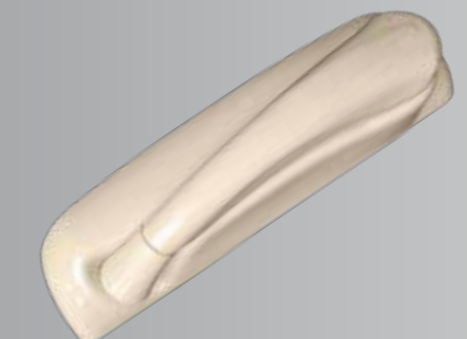
*Hardware color will match interior frame color selection.  
\*Almond not available for auto lock.*



Cam Lock, Adobe



Auto Lock\*, White



Casement/Awning Operator, Almond





# Designed Smarter

The V450 offers the latest in superior craftsmanship with features like a welded, multi-chamber frame and sash for superior strength and energy-efficiency. Whether you are looking for replacement windows or new construction windows, V450 is for you.



# Beautiful Colors

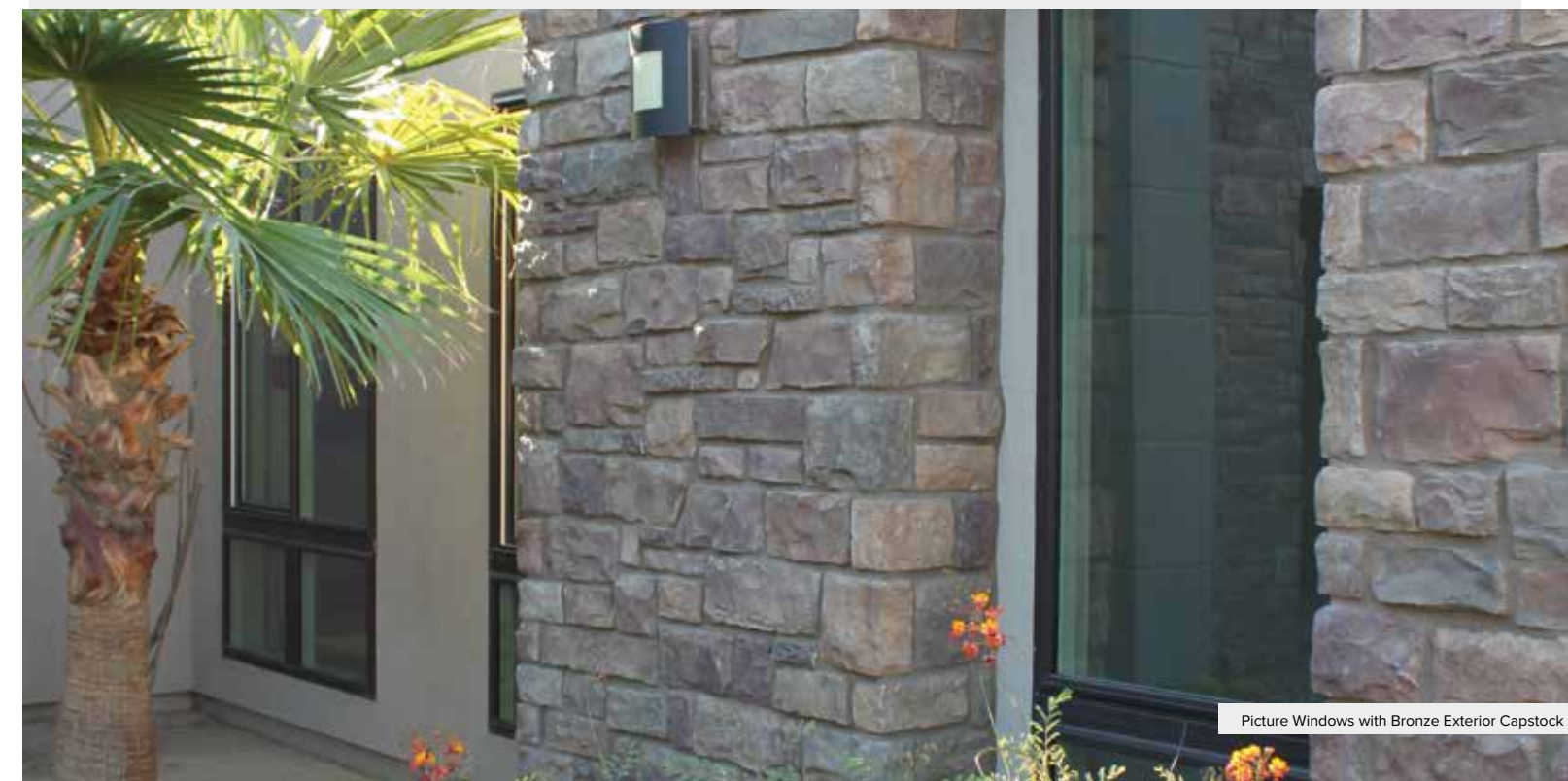
Vinyl  
Extruded  
Finishes  
Matching interior  
and exterior



Capstock  
Finishes  
Interior finishes vary\*

*Bronze available with white or adobe interior only. Black\* and Silver available with white interior only. Colors shown are approximate. Visit your local Milgard Certified Dealer to see accurate finish samples.*

*\*Black interior/exterior matching option available on V450 door only.*



Picture Windows with Bronze Exterior Capstock



# V450 | HomeMaker Series Sliding Glass Door

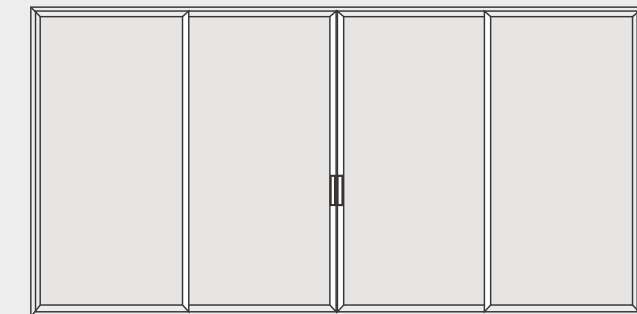
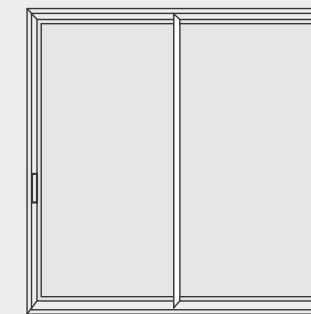
V450 sliding glass doors effortlessly blend interior and exterior spaces while providing a variety of energy-efficient configurations that allow for clean, unobstructed views. Available in numerous colors with multiple hardware options, this high-performing door is strong and durable yet able to operate smoothly and quietly. With its modern style and energy-efficient components, you'll enjoy the V450 sliding glass door for years to come.



V450 with White Interior



V450 with Black Interior Capstock



## ENGINEERED TO PERFORM

- 5-1/2" frame depth
- Optimized weep system to control water infiltration
- Low rolling-force design for smooth operation
- Anodized aluminum threshold with durable roller track for easier access
- Multiple installation configurations
  - 1-3/8" mounting fin setback, 1" mounting fin setback, flange, finless
- Insulated dual-pane glass unit featuring a warm-edge spacer results in energy-efficient performance
- Interior glazed for optimal weather performance
- Backed with the Milgard Lifetime Limited Warranty. See complete details at [MILGARD.COM/WARRANTY](https://www.milgard.com/warranty)

## CONVENIENCE & STYLE

The V450 sliding door features the following design details:

- Aluminum self latching screen is low maintenance, easy to operate, and is available in colors that match the door frame
- Exterior jamb cover creates a polished look

## SIZING

2 Panel: Min 59-1/2"w x 79-1/2"h    Max 119-1/2"w x 95-1/2"h  
 3 Panel: Min 89-1/2"w x 79-1/2"h    Max 179-1/2"w x 95-1/2"h  
 4 Panel: Min 116-3/4"w x 79-1/2"h    Max 188-3/4"w x 95-1/2"h

# Choose Your Door Hardware

## Hardware

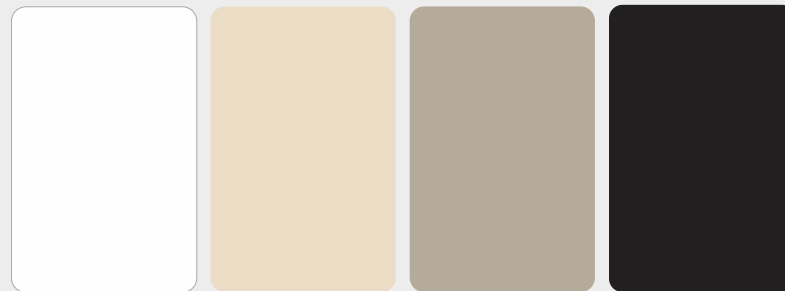
- Modern hardware minimizes protrusion into glass area
- Standard dual-mortise lock and optional four-point lock provide secure closure
- Optional keyed lock



INTERIOR HANDLE

EXTERIOR HANDLE

## Hardware Finishes



White

Almond

Adobe

Black

Standard hardware color matches the door color, with the exception of Bronze and Silver exteriors, which come standard with black hardware.



V450 with Black Exterior Capstock

# Make it Your Own



## Grids

Express your creativity and dramatically increase your home's curb appeal with our virtually endless grid options. Grids placed inside our insulated glass units allow for easy door and window cleaning.

**VISIT [MILGARD.COM/GRIDS](http://MILGARD.COM/GRIDS) TO SEE FULL COLLECTION OF OPTIONS**



5/8" FLAT GRID-BETWEEN-THE-GLASS



15/16" SCULPTURED GRID-BETWEEN-THE-GLASS



5/8" SIMULATED DIVIDED LITE GRID



15/16" SIMULATED DIVIDED LITE GRID

## Decorative Glass



RAIN



OBSCURE

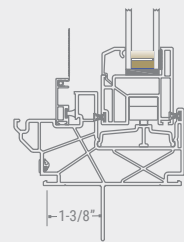




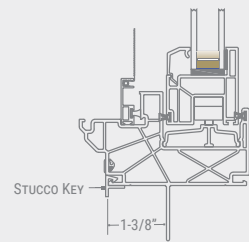
## Details That Matter

The V450 offers a variety of frame styles for new construction and replacement applications.

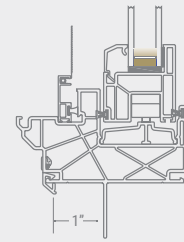
### New Construction and Replacement Applications



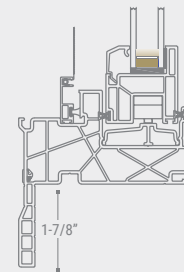
1 3/8" MOUNTING FIN  
SET-BACK



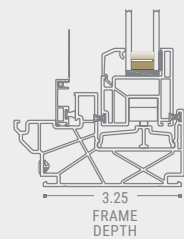
1 3/8" MOUNTING FIN  
SET-BACK W/ STUCCO KEY\*



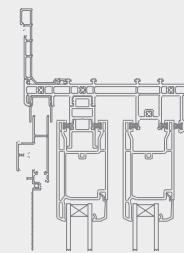
1" MOUNTING FIN  
SET-BACK



1 7/8" CONTOURED  
FLUSH FIN\*



3.25  
FRAME  
DEPTH  
FINLESS



FLANGE\*\*

\* Available on windows only.

\*\* Available on V450 door only.

## Energy Efficiency

### Tested and Built for Your Climate

At Milgard, we help homeowners like you make an impact on their energy consumption by offering energy-efficient windows and patio doors designed for your home's comfort.

We make it easy to meet local energy codes and green building efficiency standards with a selection of energy packages you can tailor to your specific climate. We conduct thermal simulations to improve energy performance and we adhere to ENERGY STAR® v6 requirements that meet or exceed U-Factor and Solar Heat Gain Coefficient (SHGC) criteria in the areas we serve.

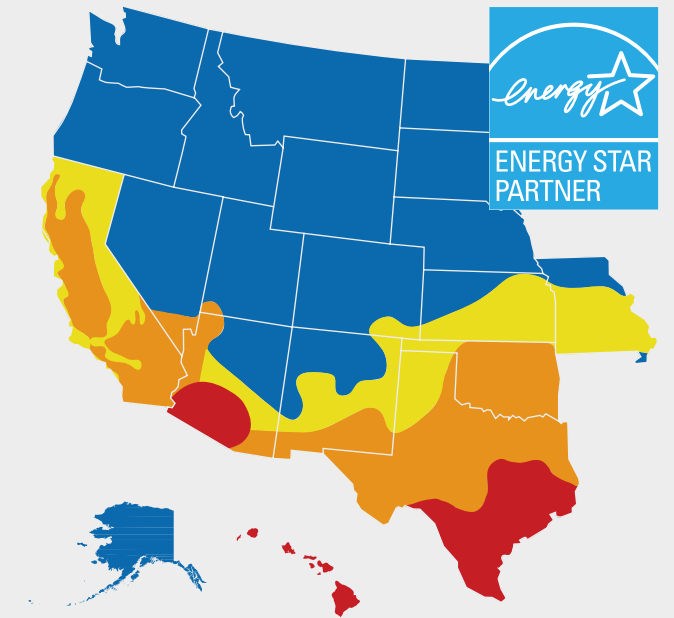
Your energy-efficient windows could include one or more of the following features based on your climate.

Low-e coating

Argon

Non-conductive Super Spacer

4th-Surface Low-e coating



- NORTHERN
- NORTH-CENTRAL
- SOUTH-CENTRAL
- SOUTHERN
- ZONE A
- ZONE B
- ZONE C





For more information including technical specifications and reviews, visit

[MILGARD.COM/V450](https://www.milgard.com/v450)

ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency. Milgard Windows is proud to be an ENERGY STAR® partner, with all HomeMaker Series products ENERGY STAR® qualified for all U.S. zones.

Milgard V450 | HomeMaker Series windows and doors meet criteria for structural integrity and reliable performance established by the American Architectural Manufacturers Association (AAMA). Consult your Milgard representative for specific test information.

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