

# Vanguard® Series V4550 Casement Window

## SUNRISE COLLECTION™

An ideal candidate for your next home renovation, the Vanguard® Series V4550 vinyl casement window can complement any architectural style or interior design. Engineered to open from the left or right side – depending on your preference – the V4550 casement will bring fresh air into your home. And its warm-edge spacer system gives it the top-notch energy efficiency that's essential in the 21st century.



## What you can expect

### FUNCTIONALITY

From its square appearance – achieved via an adjustable hinge system – to its energy performance, the V4550 is a utilitarian casement window that provides all-encompassing efficiency.

- Low-profile, single-lever locking handle provides added security
- The V4550 boasts one of the industry's lowest air-infiltration rates

### CONVENIENCE AND STYLE

- Available in several exterior frame colors
- Stepped internal and contoured external design maximizes the window's beauty
- Obscure-glass options are available for privacy and aesthetics
- Narrow profiles allow for more glass space, resulting in a viewing area that's 27% larger
- Dual weather-stripping system helps protect against drafts
- Optional 1 3/8" overall triple-glazed insulated high performance glass package enhances energy efficiency

## Engineered to perform

- Welded, multi-chamber frame and sash
- Available frame styles: nail fin, finless
- Optional OptiView™ Clarity mesh screen allows fresh air in while providing particle protection
- Product has passed rigorous testing for water penetration, air leakage, structural integrity, and forced entry

## Min and max sizing

| WIDTH    |     | HEIGHT  |     |
|----------|-----|---------|-----|
| MIN      | MAX | MIN     | MAX |
| 13 5/8"  | 36" | 20 5/8" | 80" |
| 36 1/16" | 40" | 20 5/8" | 60" |
| 40 1/16" | 44" | 20 5/8" | 45" |

## Energy efficient glass

Able to meet ENERGY STAR® requirements in all four climate zones. Optional technologically-advanced SolarClean™ self-cleaning glass helps keep your glass naturally clean using ultraviolet sun rays to break down dirt and debris.

| GLASS PACKAGE                                       | SPACER      | U-FACTOR | SHGC | ENERGY STAR ZONE |
|---|-------------|----------|------|------------------|
| Ultra Max   | 4SG         | 0.26     | 0.26 |                  |
| Ultra Max with Thermal U Plus                       | 4SG         | 0.23     | 0.26 | NC               |
| Extreme Ultra Max Triple-Pane                       | 4SG         | 0.22     | 0.21 | N, NC, SC, S     |
| Extreme Ultra Max Triple-Pane with Thermal U Plus*  | 4SG         | 0.20     | 0.20 | N, NC, SC, S     |
| Omega Max   | 4SG         | 0.26     | 0.19 | SC, S            |
| Omega Max with Thermal U Plus                       | 4SG         | 0.22     | 0.19 | NC, SC, S        |
| Passive Max   | Black Endur | 0.27     | 0.46 |                  |
| Passive Max with Thermal U Plus                     | Black Endur | 0.23     | 0.44 | N                |
| Extreme Passive Max Triple-Pane with Thermal U Plus | Black Endur | 0.23     | 0.39 | N, NC            |

Exceeds AAMA Standard Air Leakage Rate of <math>\leq 0.03</math>.

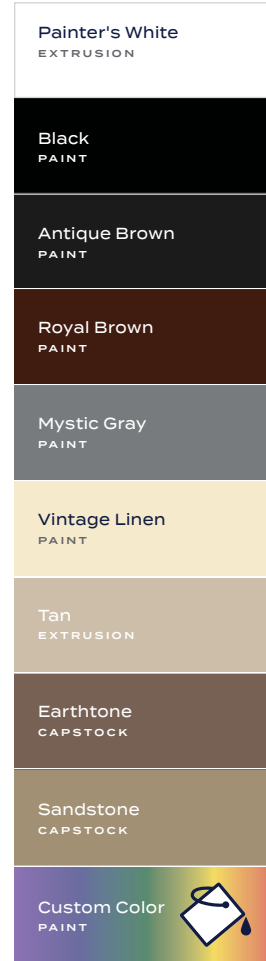
\*Qualifies for ENERGY STAR® Most Efficient tax credit.

## Create a customized look

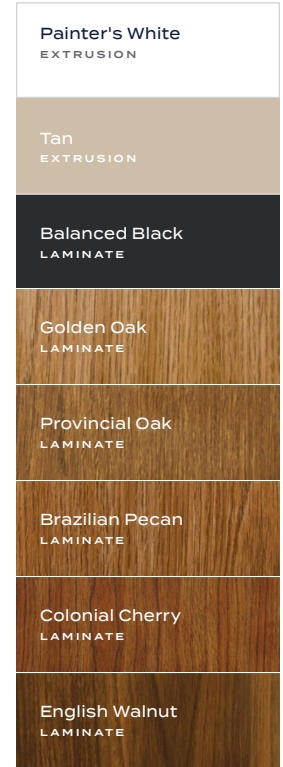
Enhance your home's spaces with a variety of finish options and grid configurations.

### FINISH OPTIONS

#### EXTERIOR



#### INTERIOR



### GRID TYPES



**V4550 CASEMENT WINDOW**  
See additional product and warranty information online.



Build boldly by choosing a range of MI window and door styles with expansive views, contemporary framing and hardware.

[miwindows.com/windows/v4550/casement](https://miwindows.com/windows/v4550/casement)