



**MI**<sup>®</sup> WINDOWS  
and DOORS

# Vanguard<sup>®</sup> Series V4550 Single-Hung

SUNRISE COLLECTION™

Featuring style, durability, energy efficiency, and so much more, our Vanguard<sup>®</sup> Series V4550 vinyl single-hung window is an outstanding choice for your next home-renovation project. Its color and grid options can complement any interior design or architectural style, and its superior energy performance can help you save on your energy bills. Combine all that with a window that's exceedingly easy to operate, and you can see why the V4550 single-hung is a window for the 21st century.



## What you can expect

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### ENERGY EFFICIENCY

Our warm-edge spacer system, combined with options for Low-E glass coatings and argon gas between the panes, provides a superior energy performance.

- In cool weather, it provides outstanding thermal performance to eliminate cold spots near windows
- In warm weather, insulated glass reduces solar heat gain and minimizes interior glare

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### CONVENIENCE AND STYLE

- Several windows and sliding glass doors from the V4550 series complement the single-hung
- A variety of color options make it simple to find your style
- The bottom sash tilts in for easy cleaning and maintenance
- Dual pulley block-and-tackle balance system makes operation simple
- Optional FiberCore™ fiberglass-reinforced meeting rail helps provide added strength and 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"	49"	22 1/2"	100"
13 5/8"	52 3/4"	22 1/2"	83"

For units over 60", UltraCore™ polyurethane and FiberCore™ fiberglass are required.

## 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	0.28	0.29	
Ultra Max with Thermal U Plus	4SG	0.24	0.28	NC
Extreme Ultra Max Triple-Pane	4SG	0.23	0.23	NC, SC, S
Extreme Ultra Max Triple-Pane with Thermal U Plus	4SG	0.21	0.22	N, NC, SC, S
Omega Max	4SG	0.28	0.21	SC, S
Omega Max with Thermal U Plus	4SG	0.23	0.21	NC, SC, S

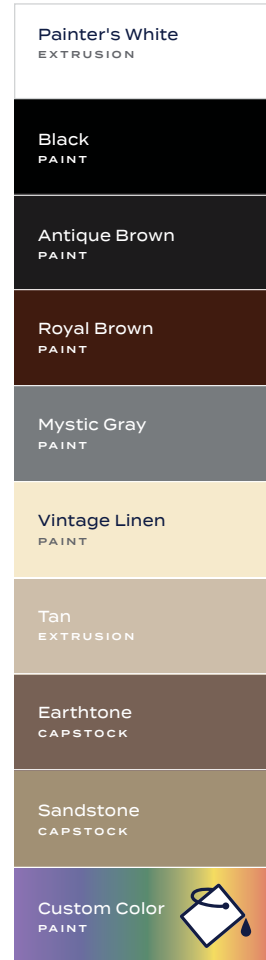
All values are for 7/8" insulated glass without grids.  
Exceeds AAMA Standard Air Leakage Rate of <math>\leq 0.03</math>.

## 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 SINGLE-HUNG**  
See additional product and warranty information online.



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

[miwindows.com/windows/V4550/single-hung](https://miwindows.com/windows/V4550/single-hung)