

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

## V3000 Double-hung window

### MODEL 1650

Our best-selling replacement window features superior styling, handcrafted quality, and exceptional long-term performance. Details like its beveled exterior profile and eight exterior color choices complement energy-efficient options such as a warm-edge spacer system, optional foam-enhanced mainframe, insulated dual-pane and triple-pane glass, and heavy-duty weatherstripping.



## What you can expect

### ENERGY EFFICIENCY

Our dual- and triple-pane insulated glass package options help save on heating and cooling costs while enhancing home comfort.

- 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.

### CONVENIENCE AND STYLE

- Beveled exterior profile and balance channel covers create a clean, timeless aesthetic
- Dual-opposing, mortised recessed locks create a stronger, safer seal
- Latching extruded half screen with Clarity Screen™ mesh allows for optimal ventilation without compromising visibility
- Tilt-in top and bottom sash for easy cleaning
- Push-button vent stops enable ventilation without sacrificing safety and security
- Inverted-coil balances with detent clip provide smooth operation and prevent sash from drifting



## Engineered to perform

- Welded, multi-chamber frame and sash
- Interlocking sash with heavy-duty weatherstripping
- Metal-reinforced meeting rail
- Combination sloping sill with upstanding leg
- 3 1/4" frame depth
- Available frame styles: finless, mounting fin
- Wood extension jambs available for 4 9/16" and 6 9/16" wall depths

## Min and max sizing

WIDTH		HEIGHT	
MIN	MAX	MIN	MAX
14"	14 7/8"	36"	96"
15"	16"	28"	96"
16 1/8"	17"	26"	96"
17 1/8"	48"	23 1/2"	96"
48 1/8"	52"	23 1/2"	72"

Available in 1/8" increments. DP upgrade required for any unit greater than 84" tall

## Energy efficient glass

Optional tempered glass adds additional strength and obscure or rain glass allows light in while protecting privacy.

GLAZING TYPE	U-VALUE	SHGC
Argon and Low-E glass	0.28	0.26
Argon and Low-E glass with grids	0.28	0.23
Argon and HP Low-E glass	0.28	0.21
Argon and HP Low-E glass with grids	0.28	0.19
Argon and Low-E triple-pane glass	0.22	0.22
Argon and Low-E triple-pane glass with grids	0.23	0.20
Argon, Foam-enhanced frame, and Low-E triple-pane glass	0.22	0.22
Argon, Foam-enhanced frame, and Low-E triple-pane glass with grids	0.22	0.20
Foam-enhanced frame, Low-E, and blinds-between-the-glass	0.35	0.23
Krypton, Foam-enhanced frame, Low-E triple-pane glass*	0.18	0.22
Krypton, Foam-enhanced frame, Low-E triple-pane glass with grids*	0.18	0.19

Note: all values based on standard 3/4" dual-pane or 7/8" triple-pane insulated glass unit unless noted otherwise

\* Meets U-Factor and Solar Heat Gain Coefficient (SHGC) requirements to be recognized as ENERGY STAR Most Efficient



**V3000 DOUBLE-HUNG**  
See additional product and warranty information online.

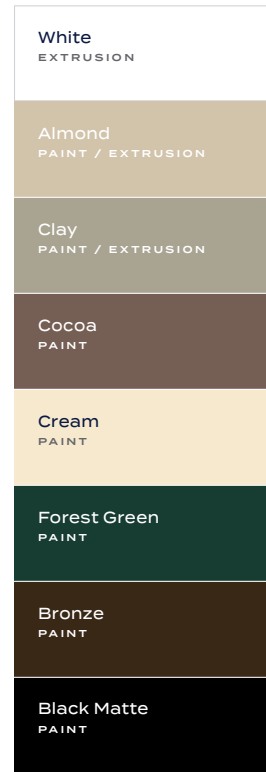


## Create a customized look

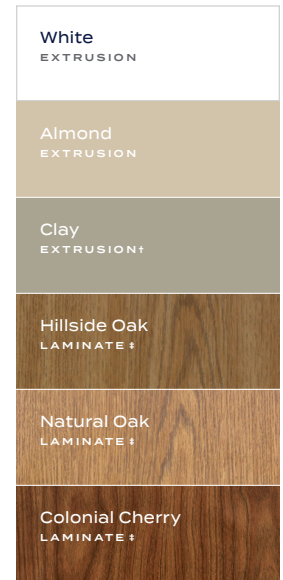
Enhance your home's spaces with a variety of finish options and grid configurations.

### FINISH OPTIONS

#### EXTERIOR



#### INTERIOR



### GRID TYPES



### BLINDS-BETWEEN-THE-GLASS®



Optional addition to let you control sunlight and privacy without the need for bulky window treatments.

#### SIX COLOR OPTIONS

- White
- Espresso
- Tan
- Slate gray
- Sand
- Silver moon

† Clay interior available on products manufactured in Texas only; may only be combined with clay extruded exterior; not available with foam or triple-pane glass

‡ Woodgrain interior not available with black or clay exterior

§ Blinds-between-the-glass available for dual-pane glass only



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

[miwindows.com/V3000](http://miwindows.com/V3000)