



1650
EXTREME
DOUBLE-HUNG

1650 Extreme Vinyl Double-Hung Window

The 1650 Extreme replacement double-hung window features **superior styling, handcrafted quality, and exceptional long-term performance.** Aesthetically beveled sashes and eight exterior color options complement advanced engineering details such as reinforced meeting rails and optional foam-filled mainframe to set our 1650 Extreme double-hung replacement windows apart. These advanced details go into every 1650 Extreme, making it the most stylish and hardest-working double-hung replacement window available today.

PERFORMANCE FEATURES

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Triple-pane insulated glass provides optimal energy efficiency without compromising visibility
- Interlocking sashes help reduce air infiltration
- Metal-reinforced meeting rail delivers superior strength and durability
- Inverted-coil balances with detent clip prevent sash from drifting, and provide smoother operation and lower operating force

Welded multi-chamber mainframe design



3 1/4" frame depth

Dual-point weatherstripping

Triple-pane insulated glass

Welded, true-sloping sill



TRIPLE-PANE



GLASS BREAKAGE WARRANTY



FOAM ENHANCED



PAINTED EXTERIOR



KRYPTON GAS

Standard

Optional

Designed smarter, from the inside out

ENGINEERED TO PERFORM

- Multi-chamber mainframe design
- 3 ¼" frame depth
- Finless frame
- Triple-pane insulating glass
- Wood extension jambs available for 4 9/16", 6 9/16", and 7 9/16" wall depths

CONVENIENCE & STYLE

The 1650 Extreme features the following design details on every window:

- Mortised recessed locks
- Beveled exterior profile
- Balance channel covers
- Clarity Screen mesh
- Integral lift rails
- Tilt-in sashes

SAFETY & SECURITY FEATURES

- Push-button night latches keep the window secure even when partially opened, providing ventilation without sacrificing safety and security
- Dual-opposing locks create a stronger, safer seal
- Latching extruded half screen with Clarity Screen™ mesh offers 50% clearer view than standard fiberglass screen, allows fresh air in, and keeps pests out
- Optional tempered glass is four times stronger than non-tempered glass and safer if broken
- Optional obscure glass allows light in while protecting privacy
- Optional Window Operating Control Device (WOCD) restricts sash opening and reduces the risk of accidental falls

SIZING

MINIMUM & MAXIMUM (available in ½" increments. DP upgrade required for any unit greater than 84" tall)

- 14"-14 7/8" wide x 36"-96" high
- 15"-16" wide x 28"-96" high
- 16 1/8"-17" wide x 26"-96" high
- 17 1/8"-48" wide x 23 1/2"-96" high
- 48 1/8"-52" wide x 23 1/2"-72" high

CREATE A CUSTOMIZED LOOK

HARDWARE FINISH OPTIONS

- Color-matched

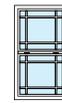
GRID TYPES & SIZES

- 5/8" flat grids-between-the-glass
- 7/8" flat grids-between-the-glass
- 1 1/16" sculptured grids-between-the-glass
- 1 5/16" sculptured grids-between-the-glass
- 1" simulated divided light

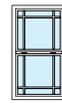
GRID PATTERNS



Colonial



9-Lite Perimeter



6-Lite Perimeter



Diamond

VINYL/EXTRUDED COLORS



White



Almond

LAMINATES*



Hillside Oak



Natural Oak



Cherry



Bronze

EXTERIOR PAINT†



Cream



Almond



Clay



Silver



Cocoa



Forest Green



Bronze



Black

* Laminates available with 5/8" flat or 1 1/16" sculptured grids only; bronze exterior available with white interior only; woodgrain available on interior only

† Exterior paint available with 1 1/16" sculptured grids only; silver and black not available with woodgrain interiors

ENERGY-EFFICIENT GLASS PACKAGES

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

- In cool weather**, insulated glass provides outstanding thermal performance to keep interior glass surfaces closer to room temperature, eliminating cold spots near windows
- In warm weather**, it helps reduce solar heat gain and minimize glare to improve interior comfort
- Able to meet **ENERGY STAR®** requirements in all four climate zones

GLAZING TYPE	U-VALUE	SHGC
Argon and Low-E triple-pane glass	0.22	0.23
Argon and Low-E triple-pane glass with grids	0.22	0.21
Foam-enhanced frame, Argon, and Low-E triple-pane glass	0.21	0.25
Foam-enhanced frame, Argon, and Low-E triple-pane glass with grids	0.22	0.20
Foam-enhanced frame, Krypton, and Low-E triple-pane glass	0.17	0.25
Foam-enhanced frame, Krypton, and Low-E triple-pane glass with grids	0.17	0.22

Note: all values based on standard triple-pane IGU



OUR MISSION

Getting It Right Every Time

We build each of our products the same way we built our company: with integrity and precision. Every MI window and door is handcrafted in the United States using state-of-the-art manufacturing techniques, and is backed by vigorous in-house testing procedures. We are 100% committed to offering the styles, value, and performance you're after.

Discover everything we have to offer at miwindows.com, or by calling 1-717-365-3300.

