



9770  
CASEMENT

# 9770 Vinyl Casement Window

The 9770 new construction casement window offers **superior style and traditional craftsmanship** with features like beveled exterior edges and multi-point locking hardware. A closer look reveals energy-efficient features including triple-point weatherstripping, double-pane insulating glass, and a multi-chambered mainframe. The design offers a large viewing area with clean, continuous lines for unobstructed views. The 9770 is DP-50 rated and is also available with the StormArmor™ impact-resistant product enhancement for storm-prone coastal applications.

## PERFORMANCE FEATURES

- 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
- Triple weatherstripping for enhanced thermal performance
- Multi-point locking hardware creates a tighter, safer seal
- 90° hinge capability provides maximum ventilation and airflow

Available with

**STORMARMOR™**  
impact-resistant package

*Welded multi-chamber mainframe design*

*3 1/4" frame depth*

*Dual-pane insulated glass*

PRECISION BUILT  
LIMITED LIFETIME WARRANTY  
IN THE USA

<b>HIGH PERFORMANCE</b>	PAINTED EXTERIOR
DUAL-PANE	IMPACT RESISTANT
WARM-EDGE SPACER SYSTEM	BRICKMOULD
Standard	Optional
	FLAT EASING

# Designed smarter, from the inside out

## ENGINEERED TO PERFORM

- 3 1/4" frame depth
- 3/4" dual-pane insulated glass
- Wood extension jambs available for 4 9/16", 6 3/16", and 7 9/16" wall depths
- Mounting fin
- StormArmor package includes impact-resistant glass with low-E and argon

## CONVENIENCE & STYLE

The 9770 features the following design details on every window:

- Beveled exterior edges
- Folding operator handle
- Optional exterior brickmould and 3 1/2" flat casing

## SAFETY & SECURITY FEATURES

- Multi-point locking hardware creates a tighter, safer seal
- 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 1/8" increments)

- 16"-36" wide x 24"-72" high

## 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	STC
Low-E glass	0.28	0.25	28
Low-E glass with grids	0.28	0.23	28
Argon and Low-E glass	0.25	0.25	28
Argon and Low-E glass with grids	0.25	0.25	28
HP Low-E glass	0.28	0.18	28
HP Low-E glass with grids	0.28	0.17	28
Argon and HP Low-E glass	0.25	0.18	28
Argon and HP Low-E glass with grids	0.25	0.16	28
Impact-resistant laminated glass with Argon and HP Low-E	0.25	0.27	n/a
Impact-resistant laminated glass with Argon, HP Low-E, and grids	0.25	0.16	n/a
Impact-resistant laminated glass with Argon and 340	0.26	0.12	n/a
Impact-resistant laminated glass with Argon, 340, and grids	0.26	0.11	n/a

Note: all values based on standard 3/4" dual-pane IGU unless noted otherwise



## CREATE A CUSTOMIZED LOOK

### HARDWARE FINISH OPTIONS

- Color-matched

### GRID TYPES & SIZES

- 3/8" 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

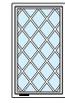
### GRID PATTERNS



Colonial



9-Lite Perimeter



Diamond

### VINYL/EXTRUDED COLORS



White



Almond



Clay

### EXTERIOR LAMINATE\*



Bronze



Black

### EXTERIOR PAINT†



Cream



Silver



Almond



Clay



Cocoa



Forest Green



Bronze



Black

\* Exterior laminate available with white interior only; available with 3/4" flat or 1 1/16" sculptured grids only; not available with J-Channel

† Exterior paint available with 1 1/16" sculptured grids only

## 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](http://miwindows.com), or by calling 1-717-365-3300.

