



EC  
147  
CASEMENT

# EnergyCore EC147 Casement Window

The EC147 casement window combines **traditional style with unparalleled energy efficiency and performance** for any new construction or renovation and replacement project. The unique frame and sash design create clean, continuous lines and large viewing areas, while the 90-degree hinging capability allows optimal ventilation and airflow into the home.

## 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
- Exterior perimeter weatherstripping for enhanced thermal performance
- Dual-compression bulb seals for protection against wind, rain, dust, and noise

*Welded multi-chamber  
mainframe design*

*3 1/4" frame  
depth*

*Dual-pane  
insulated glass*



**HIGH**  
PERFORMANCE



# Designed smarter, from the inside out

## ENGINEERED TO PERFORM

- 3 1/4" frame depth
- 3/4" dual-pane insulated glass
- 5 frame styles
  - 1 3/8" fin, 1 3/8" stucco fin, 1" fin, 1 7/8" flush fin, finless

## CONVENIENCE & STYLE

The EC147 features the following design details on every window:

- Folding operator handle and lock lever
- Roll-form screen with Clarity™ mesh

## 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 specialty 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)

- 15 1/2"–42" wide x 17 1/2"–72" high

\* Based on single operable unit. See min/max guide for twin, triple, and stacked sizing requirements

## CREATE A CUSTOMIZED LOOK

### HARDWARE FINISH OPTIONS

- Color-matched

### GRID TYPES & SIZES

- 5/8" flat grids-between-the-glass
- 15/16" sculptured grids-between-the-glass
- 5/8" simulated divided light
- 15/16" simulated divided light

### GRID PATTERNS



Colonial



Perimeter



Drop

### VINYL/EXTRUDED COLORS



White



Adobe

### SUPERCAP SR EXTERIOR



Bronze

## 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
LoE <sup>2</sup> -270 dual-pane glass, Super Spacer®	0.28	0.24	31
LoE <sup>2</sup> -270 dual-pane glass, Super Spacer, with grids	0.28	0.22	31
LoE <sup>3</sup> -366 dual-pane glass, Super Spacer	0.28	0.18	31
LoE <sup>3</sup> -366 dual-pane glass, Super Spacer, with grids	0.28	0.17	31
LoE <sup>3</sup> -366 & argon dual-pane glass, Super Spacer	0.25	0.18	31
LoE <sup>3</sup> -366 & argon dual-pane glass, Super Spacer, with grids	0.25	0.16	31
i89/LoE <sup>3</sup> -366 & argon dual-pane glass with Super Spacer	0.22	0.18	30
i89/LoE <sup>3</sup> -366 & argon dual-pane glass with Super Spacer, with grids	0.22	0.16	30

Note: values based on standard 3/4" dual-pane IGU with 15/16" sculptured grids unless otherwise noted; additional glass options are available



## 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.**