



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



WARM-EDGE
SPACER SYSTEM



GLASS BREAKAGE
WARRANTY

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

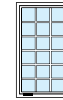
HARDWARE FINISH OPTIONS

- Color-matched

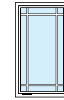
GRID TYPES & SIZES

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

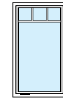
GRID PATTERNS



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 ² -270 dual-pane glass, Super Spacer®	0.28	0.24	31
LoE ² -270 dual-pane glass, Super Spacer, with grids	0.28	0.22	31
LoE ³ -366 dual-pane glass, Super Spacer	0.28	0.18	31
LoE ³ -366 dual-pane glass, Super Spacer, with grids	0.28	0.17	31
LoE ³ -366 & argon dual-pane glass, Super Spacer	0.25	0.18	31
LoE ³ -366 & argon dual-pane glass, Super Spacer, with grids	0.25	0.16	31
i89/LoE ³ -366 & argon dual-pane glass with Super Spacer	0.22	0.18	30
i89/LoE ³ -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 1 5/16" 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, or by calling 1-717-365-3300.