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

**Precise Build**
- High performance
- Limited Lifetime Warranty
- 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 1/4" fin, 1 1/8" stucco fin, 1" fin, 1 1/2" flush fin, finishless

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

CONVENIENCE & STYLE
The EC147 features the following design details on every window:
- Folding operator handle and lock lever
- Roll-form screen with Clarity™ mesh

SIZING
MINIMUM & MAXIMUM (available in 1/8" increments)
* Based on single operable unit. See min/max guide for twin, triple, and stacked sizing requirements

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

<table>
<thead>
<tr>
<th>GLAZING TYPE</th>
<th>U-VALUE</th>
<th>SHGC</th>
<th>STC</th>
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<tr>
<td>LoĒ²-270 dual-pane glass, Super Spacer®</td>
<td>0.28</td>
<td>0.24</td>
<td>31</td>
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<tr>
<td>LoĒ²-270 dual-pane glass, Super Spacer, with grids</td>
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<td>LoĒ³-366 dual-pane glass, Super Spacer</td>
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<td>0.16</td>
<td>30</td>
</tr>
</tbody>
</table>

Create a customized look

HARDWARE FINISH OPTIONS
- Color-matched

GRID TYPES & SIZES
- 1/8" flat grids-between-the-glass
- 5/16" sculptured grids-between-the-glass
- 3/8" simulated divided light
- 5/8" simulated divided light

GRID PATTERNS
- Colonial
- Perimeter
- Drop

VINYL/EXTRUDED COLORS
- White
- Adobe

SUPERCAP SR EXTERIOR
- Bronze

Note: values based on standard 3/4" dual-pane IGU with 5/16" sculptured grids unless otherwise noted; additional glass options are available

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