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
- Integral J-Channel and mounting fin with pre-punched holes for easy and efficient installation
ENGINEERED TO PERFORM
- 3 1/2” frame depth
- 3/4” dual-pane insulated glass
- Wood extension jambs available for 4 3/4” and 6 3/4” wall depths
- Factory-applied drywall returns available
- 3 frame styles available
  - fin, flange, finless
- StormArmor package includes impact-resistant glass with HP low-E and argon with preserve film

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

MIN & MAX SIZING

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>16”</td>
<td>36”</td>
</tr>
<tr>
<td>16”</td>
<td>40”</td>
</tr>
</tbody>
</table>

Available in ½” increments. DP upgrade required for any unit greater than 84” tall.

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

CREATE A CUSTOMIZED LOOK

GRID TYPES & SIZES
- ¼” flat grids-between-the-glass
- ⅜” flat grids-between-the-glass
- ⅝” sculptured grids-between-the-glass
- ¾” sculptured grids-between-the-glass
- 1” simulated divided light

GRID PATTERNS
- Colonial
- 9-Lite
- Diamond
- Perimeter
- Diamond

VINYL/EXTRUDED COLORS
- White
- Almond
- Clay

EXTERIOR LAMINATE*
- Bronze
- Black

EXTERIOR PAINT†
- Cream
- Silver
- Almond
- Clay
- Cocoa
- Forest Green
- Bronze
- Black

GLAZING TYPE

<table>
<thead>
<tr>
<th>Glazing Type</th>
<th>U-Value</th>
<th>SHGC</th>
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<tbody>
<tr>
<td>Low-E glass</td>
<td>0.28</td>
<td>0.25</td>
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<tr>
<td>Low-E glass with grids</td>
<td>0.28</td>
<td>0.23</td>
</tr>
<tr>
<td>Argon and Low-E glass</td>
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<td>0.25</td>
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<tr>
<td>Argon and Low-E glass with grids</td>
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<td>0.22</td>
</tr>
<tr>
<td>HP Low-E glass</td>
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<tr>
<td>HP Low-E glass with grids</td>
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<td>0.17</td>
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<td>0.18</td>
</tr>
<tr>
<td>Argon and HP Low-E glass with grids</td>
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<td>0.16</td>
</tr>
<tr>
<td>Impact-resistant laminated glass with Argon and HP Low-E</td>
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<td>0.27</td>
</tr>
<tr>
<td>Impact-resistant laminated glass with Argon, HP Low-E, and grids</td>
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<td>0.16</td>
</tr>
<tr>
<td>Impact-resistant laminated glass with Argon and 340</td>
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<td>0.12</td>
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<tr>
<td>Impact-resistant laminated glass with Argon, 340, and grids</td>
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<td>0.11</td>
</tr>
</tbody>
</table>

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

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.