Effortlessly merging the outdoors with the inside, the new HM290 sliding glass door will provide plenty of natural light while allowing clean, unobstructed views. Available in numerous color and hardware options, the 290 is a high-performance door that's strong and durable yet able to operate smoothly and quietly. And with modern energy-efficient components, the 290 will maintain interior comfort any time of year.

PERFORMANCE FEATURES

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Panelized design enables simple installation of all product configurations up to 4-panels wide
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Interlocking meeting rails and triple weatherstripping helps to reduce air infiltration
- Saddle sill with tandem composite rollers and precision bearings provide smooth and quiet operation
- Anodized aluminum panel roller track, screen roller track, and threshold
**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.

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**ENGINEERED TO PERFORM**

- **5 ½” frame depth**
- Optimized weep system to control water infiltration
- Low rolling-force design for smooth operation
- Optional angled threshold for easier access
- 4 frame styles
  - 1 ¾” mounting fin setback, 1” mounting fin setback, flange, finless

**SAFETY & SECURITY FEATURES**

- Standard dual-mortise lock and optional four-point lock provide secure closure
- Standard 4mm tempered glass for added strength
- Optional laminated glass for additional safety and sound control

**CONVENIENCE & STYLE**

The HM290 features the following design details on every door:

- Aluminum self latching screen is low maintenance, easy to operate, and is available in colors that match the door frame
- Modern hardware minimizes protrusion into glass area
- Interior glazed for optimal weather performance
- Exterior jamb cover creates a polished look

**ENERGY-EFFICIENT AND HIGH PERFORMING SOUND CONTROL 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 doors
- **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
- Laminated glass packages available for extra strength and superior sound control

**SIZING & OPERATION**

<table>
<thead>
<tr>
<th>CONFIGURATION/TYPE</th>
<th>WIDTH (Min</th>
<th>Max)</th>
<th>HEIGHT (Min</th>
<th>Max)</th>
<th>PANEL OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Panel (XO or OX)</td>
<td>59 ½”</td>
<td>119 ¼”</td>
<td>79 ½”</td>
<td>95 ½”</td>
<td>X O O X</td>
</tr>
<tr>
<td>3-Panel (OXO)</td>
<td>89 ½”</td>
<td>179 ¼”</td>
<td>79 ½”</td>
<td>95 ½”</td>
<td>O X X O O</td>
</tr>
<tr>
<td>4-Panel (OXXO)</td>
<td>116 ¼”</td>
<td>188 ¼”</td>
<td>79 ½”</td>
<td>95 ½”</td>
<td>O X O X</td>
</tr>
</tbody>
</table>

**GLAZING TYPE**

- **LoĒ-366 glass, Blackline Intercept spacer**: U-VALUE 0.32, SHGC 0.21
- **LoĒ-366 glass, Blackline Intercept spacer, and grids**: U-VALUE 0.32, SHGC 0.19
- **LoĒ-340 glass, Blackline Intercept spacer**: U-_VALUE 0.32, SHGC 0.14
- **LoĒ-340 glass, Blackline Intercept spacer, and grids**: U-VALUE 0.32, SHGC 0.13
- **LoĒ-366 glass, Super spacer, and Argon (TMAX ALL ZONE)**: U-VALUE 0.27, SHGC 0.21
- **LoĒ-366 glass, Super spacer, Argon, and grids (TMAX ALL ZONE)**: U-VALUE 0.27, SHGC 0.19

Note: Values based on simulations, awaiting validation. Additional glass options are available.

**CREATE A CUSTOMIZED LOOK**

**HARDWARE OPTIONS**

- Available standard in white and adobe
- Optional almond, bronze, and gray colors
- Optional keyed lock
- Standard two-point lock and optional four-point lock

**BLINDS-BETWEEN-THE-GLASS coming soon**

- Light control and privacy
- Safe and convenient

**GRID TYPES & SIZES**

- ¾” flat grids-between-the-glass
- 15/16” sculptured grids-between-the-glass
- ¾” simulated divided light
- 15/16” simulated divided light

**COMMON GRID PATTERNS**

- Colonial
- 9-Lite Perimeter
- 6-Lite Perimeter
- Drop

**VINYL/EXTRUDED COLORS**

- White
- Adobe
- Almond
- Almond
- Black
- Bronze
- Silver

**BRONZE, SILVER, AND BLACK ACRYLIC CAP**

*Interior

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