Marvin Ultimate Replacement Casement Window
Insert Measuring Instructions

Before You Begin

* These measuring instructions cover the following product types: Marvin Ultimate Replacement Casement, Awning, and Picture windows

* Be sure to inspect the exterior around the existing window unit for rot or deterioration. If there is damage to the exterior, a full frame unit installation may be a better choice.

You will need to supply:

Tape measure
Angle finder

NOTE: Numbers listed in parentheses ( ) are metric equivalents in millimeters rounded to the nearest whole number.

Required Measurements

1. For Inside Opening Width (A) measure inside of frame at three locations: the sill, the center and at the head jamb. Record the narrowest measurement. Double Hung Frame “DH” see illustration 1, for Casement “CA” see illustration 2.

NOTE: Measurement is from wood surface to wood surface. Removal of existing jamb hardware may be necessary to reach the frame. Do not measure from parting stops, blind stops or jamb covers.

2. Measure Inside Opening Height (B) from the top of the sill to the bottom of the head jamb as shown in illustration 1 for DH, illustration 2 for CA.

3. Measure the Sill Angle (C) and record to the nearest degree. See illustration 1.

4. Measure and record the Stool Height (D)

Recommended Measurements

5. Measure the width of the blind stops from the inside opening to the edge of the blind stop (E). See illustration 1. If width exceeds 1/2” (13), modification to the blind stop or an exterior installation may be necessary.

6. Measure jamb pocket depth (F). See illustration 1. If depth is less than 3 1/4” (83) or greater than 3 1/2” (89) modification to the pocket may be necessary. (Exterior installation is recommended for pocket depths less than 3 1/4”.)
**IMPORTANT:** The 8 and 14 degree frame bevel option max stool height (D) is 3/4” (19). See illustration 1. For the flat frame option the max stool height (D) is 15/16” (24). It may be necessary to shim under the replacement unit to reduce the stool height. This will decrease the Inside Opening Height (B) measurement for the replacement unit. This specification is required for proper operation of the Ultimate Replacement Casement crank handle.

**Required Measurements**

*NOTE:* Follow the steps on the previous page to fill in this worksheet.

**Measurement A:** Inside Opening Width (Narrowest Width)
**Measurement B:** Inside Opening Height (Narrowest Height)
**Measurement C:** Sill angle
**Measurement D:** Stool Height

**IMPORTANT:** If ordered by Inside Opening insert units will be manufactured 3/8” (10) smaller in width and 1/4” (6) smaller in height than the IO measurement specified.

### Interior Frame Size to Frame Size (exterior)

<table>
<thead>
<tr>
<th>Frame Bevel</th>
<th>Height Conversions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>0</td>
</tr>
<tr>
<td>8°</td>
<td>+ 3/16” (5)</td>
</tr>
<tr>
<td>14°</td>
<td>+ 11/16” (17)</td>
</tr>
</tbody>
</table>

### Measuring Information

<table>
<thead>
<tr>
<th>Window#/ Location</th>
<th>Product Description</th>
<th>Required Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>IO Width</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A</td>
</tr>
</tbody>
</table>

### Ordering Information

- Inside Opening
- Frame Size (from exterior)
- 0 Degree*
- 8 Degree
- 14 Degree

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* Default frame bevel