

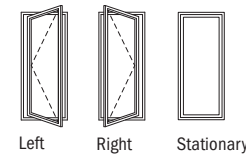
**Table of Casement Window Sizes**

Scale 1/8" = 12" – 1:96

|   |         |         |         |         |         |         |           |
|---|---------|---------|---------|---------|---------|---------|-----------|
| Optional Exterior J-Channel Dimension (not shown in elevations) | 19 1/8" | 22 1/8" | 25 3/4" | 30"     | 33 1/8" | 35 1/8" | 37 9/16"  |
| Window Dimension  | 17 1/2" | 20 1/2" | 24 1/8" | 28 3/8" | 31 1/2" | 33 1/2" | 35 15/16" |
| <b>Minimum Rough Opening</b>                                    | 18"     | 21"     | 24 5/8" | 28 7/8" | 32"     | 34"     | 36 7/16"  |
| Unobstructed Glass  | 10 5/8" | 13 5/8" | 17 1/4" | 21 1/2" | 24 5/8" | 26 5/8" | 29 1/16"  |

| CUSTOM HEIGHTS – 23" to 72" | CUSTOM WIDTHS – 17 1/2" to 36" |         |         |         |         |                    |                     |
|-----------------------------|--------------------------------|---------|---------|---------|---------|--------------------|---------------------|
|                             | 17 1/2"                        | 20 1/2" | 24 1/8" | 28 3/8" | 31 1/2" | 33 1/2"            | 35 15/16"           |
| 25 3/4"                     | 1520                           | 1820    | 2020    | 2420    |         |                    |                     |
| 30"                         | 1524                           | 1824    | 2024    | 2424    | 2724    | 2924               |                     |
| 37 9/16"                    | 15211                          | 18211   | 20211   | 24211   | 27211   | 29211              | 21211               |
| 42 7/16"                    | 1534                           | 1834    | 2034    | 2434    | 2734    | 2934               | 21134 <sup>◊</sup>  |
| 49 5/8"                     | 1540                           | 1840    | 2040    | 2440*   | 2740*   | 2940 <sup>◊</sup>  | 21140 <sup>◊</sup>  |
| 54 7/16"                    | 1544                           | 1844    | 2044    | 2444*   | 2744*   | 2944 <sup>◊</sup>  | 21144 <sup>◊</sup>  |
| 61 1/2"                     | 15411                          | 18411   | 20411   | 24411*  | 27411*  | 29411 <sup>◊</sup> | 211411 <sup>◊</sup> |
| 66 7/16"                    | 1554                           | 1854    | 2054    | 2454*   | 2754*   | 2954 <sup>◊</sup>  | 21154 <sup>◊</sup>  |
| 73 1/2"                     | 15511                          | 18511   | 20511   | 24511*  | 27511*  | 29511 <sup>◊</sup> | 211511 <sup>◊</sup> |

Custom-size windows are available in 1/16" increments.



Choose left, right or stationary as viewed from the exterior. Right venting shown in table.



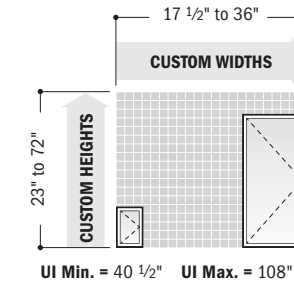
Casement windows shown with nailing flange only. Also available with a nailing flange and J-channel.

Grille pattern and number of lights varies with window size.

**Custom Sizes & Specification Formulas**

Available in 1/16" increments between minimum and maximum widths and heights shown. Some restrictions apply.

**Casement Windows**



|                      |   |                       |  |
|----------------------|---|-----------------------|--|
| <b>Clear Opening</b> | Width = window width – 12.188" with standard hinge<br>Width = window width – 7.625" with egress hinge<br>Height = window height – 5.25" | <b>Minimum R.O.</b>   | Width = window width + 1/2"<br>Height = window height + 1/2"     |
| <b>Vent Opening</b>  | Width = window width – 12.188" with standard hinge<br>Width = window width – 7.625" with egress hinge<br>Height = window height – 5.25" | <b>Unobstr. Glass</b> | Width = window width – 6.875"<br>Height = window height – 6.875" |

- Egress hardware is not available for custom sizes wider than 29 15/16" and taller than 66 7/16".
- Egress hardware is not available for any custom sizes wider than 32".

- "Window Dimension" always refers to inside frame to frame dimension.
- "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.
- ◊ Meet or exceed clear opening area of 5.7 sq.ft., clear opening width of 20" and clear opening height of 24" with standard hardware.
- \* Meet or exceed clear opening area of 5.7 sq.ft., clear opening width of 20" and clear opening height of 24" with egress hardware.

- Clear Opening** formulas provide dimensions for determining area available for egress.
- Vent Opening** formulas provide dimensions for determining area available for passage of air.
- Minimum R.O.** (minimum rough opening) formulas provide minimum rough opening width and height dimensions.
- Unobstr. Glass** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.