

100 SERIES CASEMENT WINDOWS

Table of Twin Casement Window Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

Window Dimension	2'-11 1/2" (902)	3'-5 1/2" (1054)	3'-11 1/2" (1207)	4'-5 1/2" (1359)	4'-11 1/2" (1511)	5'-5 1/2" (1664)	5'-11 1/2" (1816)
Minimum Rough Opening	3'-0" (914)	3'-6" (1067)	4'-0" (1219)	4'-6" (1372)	5'-0" (1524)	5'-6" (1676)	6'-0" (1829)
Unobstructed Glass (width of single sash)	11 1/4" (286)	14 1/4" (362)	17 1/4" (438)	20 1/4" (514)	23 1/4" (591)	26 1/4" (667)	29 1/4" (743)
11 1/2" (292)							
1'-0" (305)							
1'-5 1/2" (445)							
1'-11 1/2" (597)							
2'-0" (610)							
2'-5 1/2" (749)							
3'-0" (914)							
3'-5 1/2" (1054)							
3'-11 1/2" (1207)							
4'-0" (1219)							
4'-5 1/2" (1359)							
4'-11 1/2" (1511)							
5'-0" (1524)							
5'-5 1/2" (1664)							
5'-11 1/2" (1816)							



Custom-size windows
are available in 1/8" (3)
increments.

Choose left, right or
stationary as viewed from
the exterior. In addition
to venting shown, other
standard configurations
are available. Windows
have one continuous
outer frame.

Twin transoms are also
shown.

*"Window Dimension" always refers to outside 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.

*Dimensions in parentheses are in millimeters.

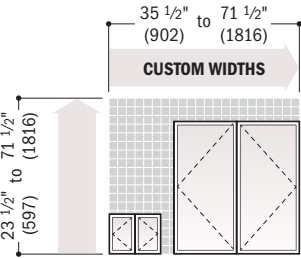
◊Meets or exceeds clear opening area of 5.7 sq. ft. or 0.53 m², clear opening width of 20" (508) and clear opening height of 24" (610).

Custom Sizes and Specification Formulas



100 Series custom-size windows are available in 1/8" (3) increments between minimum and maximum widths and heights shown. Some restrictions apply.

Casement Windows



Twin

Clear Opening 	$\text{Width} = (\text{window width} \div 2) - 12.353'' \text{ (314) } \textit{wash mode}^*$ $\text{Width} = (\text{window width} \div 2) - 8.040'' \text{ (204) } \textit{widest clear opening}^*$ $\text{Height} = \text{window height} - 5.694'' \text{ (145)}$	Minimum R.O. 	$\text{Width} = \text{window width} + 1/2'' \text{ (13)}$ $\text{Height} = \text{window height} + 1/2'' \text{ (13)}$
Vent Opening 	$\text{Width} = \text{window width} - 16.428'' \text{ (417)}$ $\text{Height} = \text{window height} - 5.694'' \text{ (145)}$	Unobst. Glass 	$\text{Single Sash Width} = (\text{window width} \div 2) - 6.50'' \text{ (165)}$ $\text{Total Sash Width} = \text{window width} - 13.000'' \text{ (330)}$ $\text{Height} = \text{window height} - 6.250'' \text{ (159)}$

*Widest clear opening hinge will be applied, based on window size, if it allows the window to meet or exceed clear opening area of 5.7 sq. ft. or 0.53 m², clear opening width of 20" (508) and clear opening height of 24" (610). Hinge type cannot be specified.

• **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. **Unobst. Glass** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.
• Dimensions in parentheses are in millimeters.