

SINGLE-HUNG WINDOWS

Table of Single-Hung Window Sizes

Scale 1/8" = 12" - 1:96

Window Dimension	23 3/8"	27 3/8"	31 3/8"	35 3/8"	37 3/8"	39 3/8"	43 3/8"
Minimum Rough Opening	23 7/8"	27 7/8"	31 7/8"	35 7/8"	37 7/8"	39 7/8"	43 7/8"
Unobstructed Glass (lower sash only)	19 1/16"	23 1/16"	27 1/16"	31 1/16"	33 1/16"	35 1/16"	39 1/16"

CUSTOM HEIGHTS - 24" to 96"	CUSTOM WIDTHS - 17 1/2" to 52"						
	2030	2430	2830	3030	3230	3430	3830
35 1/4"							
43 1/4"							
47 1/4"							
51 1/4"							
53 1/4"							
59 1/4"							
61 1/4"							
65 1/4"							
71 1/4"							

	Cottage	Reverse Cottage

Cottage or reverse cottage sash ratio available. Check rail is offset 6" up (cottage) or 6" down (reverse cottage) from equal sash location.
 Cottage (Reverse Oriel):
CUSTOM WIDTHS - 17 1/2" to 52"
CUSTOM HEIGHTS - 42" to 72"
 Reverse Cottage (Oriel):
CUSTOM WIDTHS - 17 1/2" to 52"
CUSTOM HEIGHTS - 42" to 84"

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

Single-hung windows include a nailing flange.

For construction site convenience, an optional drywall pass-through window is available for removal and reinstallation of the upper and lower sash.

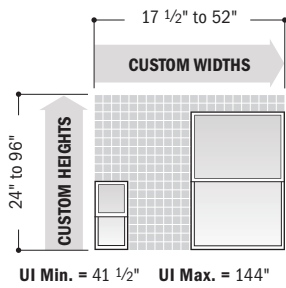
Grille pattern and number of lights varies with window size.

• "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".





Custom Sizes & Specification Formulas

Available in $\frac{1}{8}$ " increments between minimum and maximum widths and heights shown. Some restrictions apply.

Single-Hung Windows



Equal Sash Ratio

Clear Opening 	Width = window width - 4.3125" Height = (window height ÷ 2) - 3.875"	Minimum R.O. 	Width = window width + 1/2" Height = window height + 1/2"
Vent Opening 	Width = window width - 4.3125" Height = (window height ÷ 2) - 3.875"	Unobstr. Glass 	Width = window width - 4.313" Height = (window height ÷ 2) - 2.875"