

# DOUBLE-HUNG WINDOWS

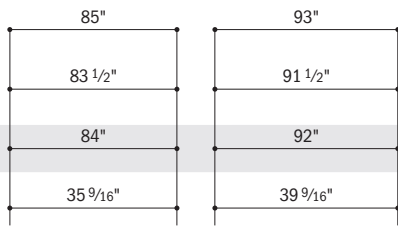
**Table of Twin Double-Hung Window Sizes (Wood Market Sizes)**

Scale 1/8" = 12" – 1:96

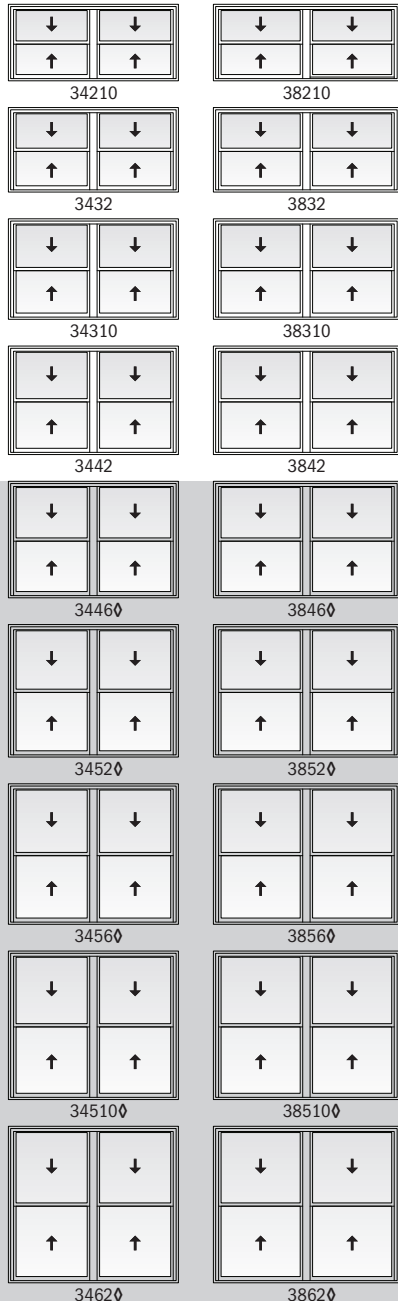
	41"	45"	53"	61"	69"	73"	77"
Window Dimension	39 1/2"	43 1/2"	51 1/2"	59 1/2"	67 1/2"	71 1/2"	75 1/2"
<b>Minimum Rough Opening</b>	40"	44"	52"	60"	68"	72"	76"
Unobstructed Glass (lower sash only)	13 9/16"	15 9/16"	19 9/16"	23 9/16"	27 9/16"	29 9/16"	31 9/16"

		CUSTOM WIDTHS – 39" to 96"						
CUSTOM HEIGHTS – 30" to 76 3/4"	38 1/4"							
		16210	18210	20210	24210	28210	210210	30210
	42 1/4"							
		1632	1832	2032	2432	2832	21032	3032
	50 1/4"							
		16310	18310	20310	24310	28310	210310	30310
	54 1/4"							
		1642	1842	2042	2442	2842	21042	3042
	58 1/4"							
	1646	1846	2046	2446	2846	21046	30460	
66 1/4"								
	1652	1852	2052	2452	28520	210520	30520	
70 1/4"								
	1656	1856	2056	2456	28560	210560	30560	
74 1/4"								
	16510	18510	20510	245100	285100	2105100	305100	
78 1/4"								
	1662	1862	2062	24620	28620	210620	30620	

• "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-size windows are available in 1/4" increments.

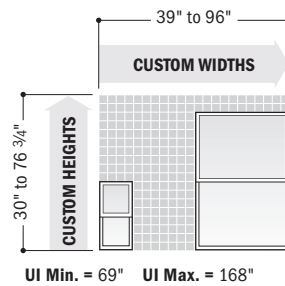


**Twin double-hung windows include a nailing flange and optional J-channel.** Windows have one continuous frame.





Grille pattern and number of lights varies with window size.

### Custom Sizes & Specification Formulas

#### Twin Double-Hung Windows



Available in 1/4" increments between minimum and maximum widths and heights shown. Some restrictions apply.

<b>Clear Opening</b> 	$Width = (window\ width \div 2) - 3.563"$ $Height = (window\ height \div 2) - 4.063"$	<b>Minimum R.O.</b> 	$Width = window\ width + 1/2"$ $Height = window\ height + 1/2"$
<b>Vent Opening</b> 	$Width = (window\ width \div 2) - 3.563"$ $Height = (window\ height \div 2) - 4.063"$	<b>Unobstr. Glass</b> 	$Width = (window\ width \div 2) - 6.188"$ $Height = (window\ height \div 2) - 3.188"$

• **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.