

DOUBLE-HUNG WINDOWS

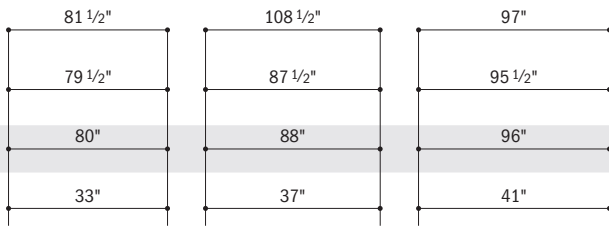
Table of Twin Double-Hung Window Sizes (Vinyl Market Sizing)

Scale 1/8" = 12" – 1:96

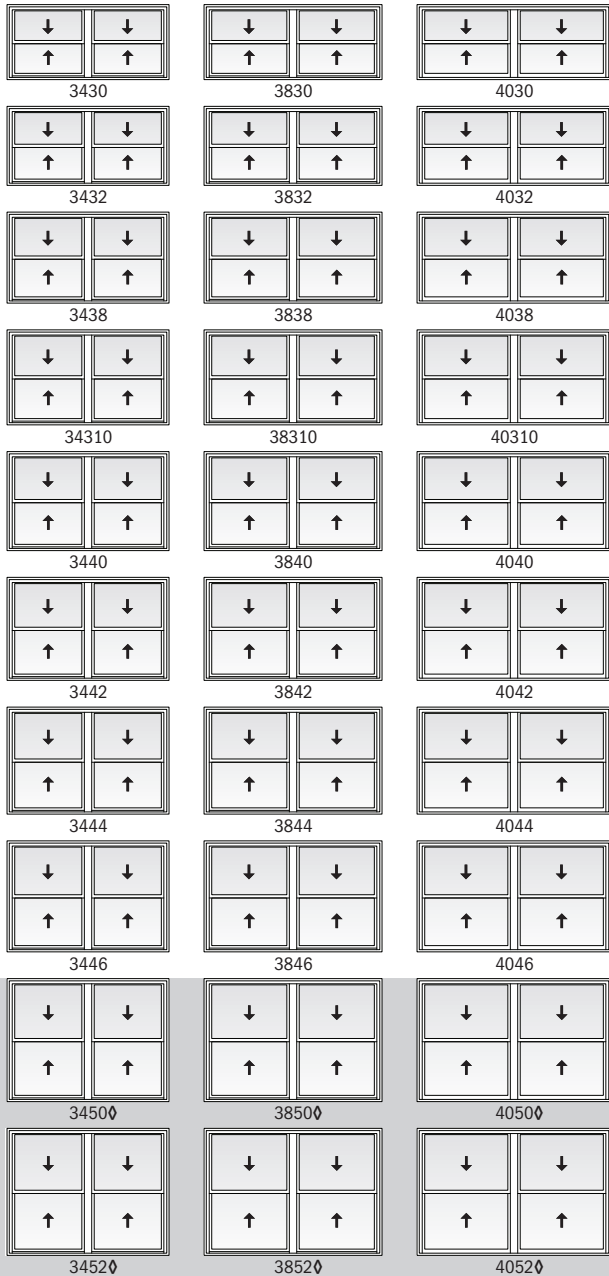
Exterior "J" Channel Dimension	37"	41"	49"	57"	61"	65"	73"	77"
Window Dimension	35 1/2"	39 1/2"	47 1/2"	55 1/2"	59 1/2"	63 1/2"	71 1/2"	75 1/2"
Minimum Rough Opening	36"	40"	48"	56"	60"	64"	72"	76"
Unobstructed Glass (lower sash only)	11 9/16"	13 9/16"	17 9/16"	21 9/16"	23 9/16"	25 9/16"	29 9/16"	31 9/16"

CUSTOM HEIGHTS – 30" to 76 3/4"	CUSTOM WIDTHS – 39" to 96"							
	39"	45"	51"	57"	63"	69"	75"	81"
37 1/2"	1630	1830	2030	2430	2630	2830	3030	3230
39 1/2"	1632	1832	2032	2432	2632	2832	3032	3232
45 1/2"	1638	1838	2038	2438	2638	2838	3038	3238
47 1/2"	16310	18310	20310	24310	26310	28310	30310	32310
49 1/2"	1640	1840	2040	2440	2640	2840	3040	3240
51 1/2"	1642	1842	2042	2442	2642	2842	3042	3242
53 1/2"	1644	1844	2044	2444	2644	2844	3044	3244
55 1/2"	1646	1846	2046	2446	2646	2846	3046	3246
61 1/2"	1650	1850	2050	2450	2650	2850	3050◇	3250◇
63 1/2"	1652	1852	2052	2452	2652	2852	3052◇	3252◇

• "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.

continued on next page

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DOUBLE-HUNG WINDOWS

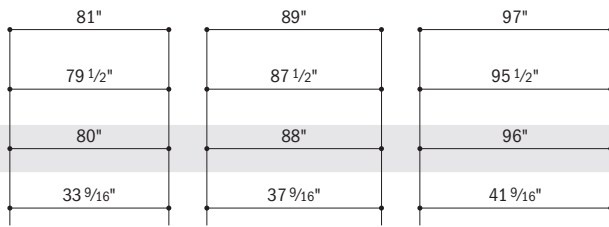
Table of Twin Double-Hung Window Sizes (Vinyl Market Sizing) *(continued)*

Scale 1/8" = 12" – 1:96

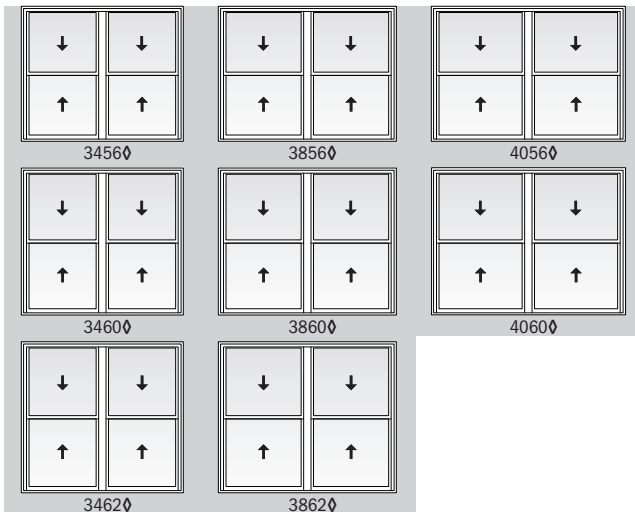
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		CUSTOM WIDTHS – 39" to 96"										
67 1/2"	66"	66 1/2"	29 13/16"	CUSTOM HEIGHTS – 30" to 76 3/4"								
					1656	1856	2056	2456	2656	2856	3056	3256
					1660	1860	2060	2460	2660	2860	3060	3260
73 1/2"	72"	72 1/2"	32 13/16"									
	74"	74 1/2"	33 13/16"		1662	1862	2062	2462	2662	2862	3062	3262

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- ◊ 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.

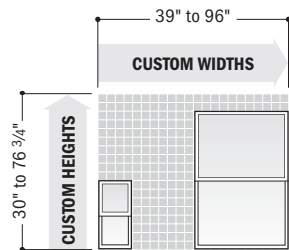


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

Custom Sizes & Specification Formulas

Twin Double-Hung Windows



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

UI Min. = 69" UI Max. = 168"

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

• **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.