## Table of Single-Hung Window Sizes - 3:2 or 2:1 Reverse Cottage Sash Ratio

Scale  $\frac{1}{8}$ " (3) = 1'-0" (305) - 1:96 1'-5 1/2" 1'-11 1/2" 2'-5 1/2" 2'-11 1/2" 3'-5 1/2" 3'-11 <sup>1</sup>/2" Window Dimension (445) (597) (749) (902) (1054) (1207) 4'-0" 1'-6" 2'-0" 2'-6" 3'-0" 3'-6" Minimum Rough Opening (457) (610) (762) (914) (1219) (1067) 17 <sup>1</sup>/4" 11 <sup>1</sup>/<sub>4</sub>" 23 1/4" 29 1/4" 35 1/4" 41 1/4" Unobstructed Glass (286) (438) (591) (743) (895)(1048)**CUSTOM** WIDTHS 1'-5 1/2" to 3'-11 1/2" - 2'-5 1/2" to 7'-5 1/2" 12 7/8" 8 3/16" 3:2 Sash Ratio 749) 2'-6" (762) • • 1626 2026 2626 3026 3626 4026 10 9/16"  $16^{1/2}$ " (269) (914)3'-0" • • \* 1630 2030 2630 3030 3630 4030 **CUSTOM HEIGHTS** (1054)(1067)20 1/8" (330)3'-6" (511)13" • • • • \* 1636 2036 2636 3036 3636 4036 23 11/16" (1219) $15^{3/8}$ " (391)(602) 4'-0" • • • 4 • 3040 3640 4040 1640 2040 2640 27 5/16" 17 13/16" 4'-5 1/2" (1359)(1372)(452)4'-6" (693) • • • • • 1646 2046 2646 3046 3646 4046 (1511)20 3/16" 2'-0" (1524)30 7/8" (182) (513)• • • • • 1650 2050 2650t 3050† 3650† 4050† 5'-5 1/2" (1664) (1676)34 1/2" (876) 22 9/16" (574)5'-6" • • • • 1656 2056 2656† 3056† 3656† 4056t (1816) (1829)38 1/8" ..0-.9 (896)25" (635) • • 4 1660 2060 2660† 3060**†**† 3660**\***† 4060**†**†  $41^{11/16}$ " 6'-51/2" (1969) (1981) (1059)27 3/8" (969).9-.9 • • \* 3666**\***t 4066**†**† 1666 2666t 3066 t 2066 **CUSTOM HEIGHTS AVAILABLE** 2:1 Sash Ratio (2121)(2134)50 7/16" (1282)24 5/8" (626)1.-0" 3070t 3670**\***† 4070**♦**† 1670 2070 2670† (2273) 7'-5 1/2" (2286) 54 7/16" (1383)26 5/8" 1.-6" (949)Technical Publications 2014



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

Reverse cottage sash are based on a 3:2 ratio. Windows with a height greater than 6'-5 1/2" (1969) are only available with a 2:1 reverse cottage sash ratio.

For construction site convenience, an optional Drywall Pass-Through Window is available for removal and reinstallation of the upper and lower sash.

 $<sup>\</sup>bullet$  "Window Dimension" always refers to outside frame to frame dimension.

<sup>• &</sup>quot;Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.

<sup>·</sup> Dimensions in parentheses are in millimeters

<sup>♦</sup>Meet or exceed clear opening area of 5.7 sq.ft. or 0.53 m², clear opening width †07 (508) and clear opening height of 24" (610). †Drywall Pass Through Window available for these standard sizes and for custom-size windows wider than 1'-11  $^{1}/_{2}$ " (597) and taller than 4'-5  $^{1}/_{2}$ " (1359). Page 1 of 2

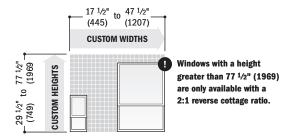


## **Custom Sizes & Specifications**



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

## **Single-Hung Windows**



## 3:2 Reverse Cottage Sash Ratio

3.2 Reverse outrage sash Ratio			
Clear Opening	width = window width - 3.500" (89)	Minimum R.O.	width = window width + $1/2$ " (13)
+++	Height = (window height x $0.4 - 1.866(47)$ )* + $0.039$ " (0.5) *Round down		Height = window height + $1/2$ " (13)
Vent Opening	width = window width - 3.500" (89)	Unobstr. Glass	$w_{idth} = window width - 6.250" (159)$
	Height = (window height x 0.4 - 1.866(47))* + 0.039"(0.5) *Round down	+++	Fixed Sash Height = window height $\times$ 0.6 - 4.799" (122) Venting Sash Height = window height $\times$ 0.4 - 3.611" (92) Total Sash Height = window height - 8.410" (214)

- Single-hung windows in heights greater than 77 1/2" (1969) are only available with a 2:1 reverse cottage sash ratio. Contact your Andersen supplier for opening specifications.
   Drywall Pass Through Window is available for custom-size windows wider than 23 1/2" (597) and taller than 53 1/2" (1359).

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