

100 SERIES SINGLE-HUNG WINDOWS



Table of Single-Hung Window Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

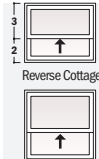
| Window Dimension | 1'-5 1/2" | 1'-11 1/2" | 2'-5 1/2" | 2'-11 1/2" | 3'-5 1/2" | 3'-11 1/2" |
|--|-----------|------------|-----------|------------|-----------|------------|
| Minimum Rough Opening | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 4'-0" |
| Unobstructed Glass (height of single sash) | 11 1/4" | 17 1/4" | 23 1/4" | 29 1/4" | 35 1/4" | 41 1/4" |
| | (286) | (438) | (591) | (743) | (895) | (1048) |

Reverse cottage sash is available based on a 3:2 ratio. Available in standard widths for the heights shown below.

| CUSTOM WIDTHS – 17 1/2" to 47 1/2" | | | | | | |
|--|-----------|------------|-----------|------------|-----------|------------|
| Window Dimension | 1'-5 1/2" | 1'-11 1/2" | 2'-5 1/2" | 2'-11 1/2" | 3'-5 1/2" | 3'-11 1/2" |
| | (445) | (597) | (749) | (902) | (1054) | (1207) |
| Minimum Rough Opening | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 4'-0" |
| Unobstructed Glass (height of single sash) | 11 1/4" | 17 1/4" | 23 1/4" | 29 1/4" | 35 1/4" | 41 1/4" |
| | (286) | (438) | (591) | (743) | (895) | (1048) |
| CUSTOM HEIGHTS – 23 1/2" to 77 1/2" | | | | | | |
| 1'-11 1/2" | 1620 | 2020 | 2620 | 3020 | 3620 | 4020 |
| 2'-5 1/2" | 1626 | 2026 | 2626 | 3026 | 3626 | 4026 |
| 2'-11 1/2" | 1630 | 2030 | 2630 | 3030 | 3630 | 4030 |
| 3'-5 1/2" | 1636 | 2036 | 2636 | 3036 | 3636 | 4036 |
| 3'-11 1/2" | 1640 | 2040 | 2640 | 3040 | 3640 | 4040 |
| 4'-5 1/2" | 1646 | 2046 | 2646 | 3046 | 3646 | 4046 |
| 4'-11 1/2" | 1650 | 2050 | 2650† | 3050† | 3650† | 4050† |
| 5'-5 1/2" | 1656 | 2056 | 2656† | 3056† | 3656† | 4056† |
| 5'-11 1/2" | 1660 | 2060 | 2660† | 3060† | 3660† | 4060† |
| 6'-5 1/2" | 1666 | 2066 | 2666† | 3066† | 3666† | 4066† |
| 6'-11 1/2" | 1670 | 2070 | 2670† | 3070† | 3670† | 4070† |

REVERSE COTTAGE CUSTOM WIDTHS –
17 1/2" (445) to 47 1/2" (1207)

REVERSE COTTAGE CUSTOM HEIGHTS –
29 1/2" (749) to 77 1/2" (1969)



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

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



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

- *"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 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).
- † Drywall pass-through window available for these standard and reverse cottage sizes and for custom-size windows wider than 1'-11 1/2" (597) and taller than 4'-5 1/2" (1359).
- *For reverse cottage sash windows, meeting rail location = (window height in inches x 0.40) + 1.96".
- **For heights greater than 6'-5 1/2" (1969), meeting rail location = (window height in inches x 0.33) + 1.96".

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100 SERIES SINGLE-HUNG WINDOWS

Table of Single-Hung Window Sizes (continued)

Scale 1/8" (3) = 1'-0" (305) – 1:96

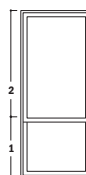
| Window Dimension | 1'-5 1/2" | 1'-11 1/2" | 2'-5 1/2" | 2'-11 1/2" | 3'-5 1/2" | 3'-11 1/2" |
|----------------------------------|-----------|------------|-----------|------------|-----------|------------|
| | (445) | (597) | (749) | (902) | (1054) | (1207) |
| Minimum Rough Opening | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 4'-0" |
| | (457) | (610) | (762) | (914) | (1067) | (1219) |
| Unobstructed Glass | 11 1/4" | 17 1/4" | 23 1/4" | 29 1/4" | 35 1/4" | 41 1/4" |
| | (286) | (438) | (591) | (743) | (895) | (1048) |

| CUSTOM WIDTHS | | CUSTOM HEIGHTS | | | | | |
|---------------|--------|----------------|--------|----------|--------|---------|-------|
| 7'-5 1/2" | (2273) | 7'-6" | (2286) | 54 7/16" | (1383) | 26 5/8" | (676) |
| | | | | | | | |
| | | | | 1676 | 2076 | 2676† | 3076‡ |
| | | | | 3676‡ | 4076‡ | | |



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

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



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

*"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).

†Drywall pass-through window available for these standard and reverse cottage sizes and for custom-size windows wider than 1'-11 1/2" (597) and taller than 4'-5 1/2" (1359).

**For heights greater than 6'-5 1/2" (1969), meeting rail location = (window height in inches x 0.33) + 1.96".

100 SERIES SINGLE-HUNG WINDOWS

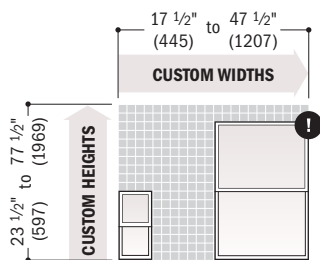


Custom Sizes and Specification Formulas



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

Single-Hung Windows



Windows with a height greater than 77 1/2" (1969) are only available with a 2:1 reverse cottage sash ratio.*

Equal Sash Ratio

| | | | |
|--------------------------|---|--------------------------|--|
| Clear Opening | Width = window width - 3.500" (89) Height = (window height + 2) - 3.711" (94) | Minimum R.O. | Width = window width + 1/2" (13) Height = window height + 1/2" (13) |
| Vent Opening | Equal Sash Ratio Width = window width - 3.500" (89) Height = (window height + 2) - 3.711" (94) | Unobst. Glass | Equal Sash Ratio Width = window width - 6.250" (159) Fixed Sash Height = (window height + 2) - 4.184" (106) Venting Sash Height = (window height + 2) - 4.226" (107) Total Sash Height = window height - 8.410" (214) |

* Drywall pass-through window is available for custom-size windows wider than 23 1/2" (597) and taller than 53 1/2" (1359).

* Windows with a 3:2 reverse cottage sash ratio are available in custom sizes from 17 1/2" (445) to 47 1/2" (1207) in width to 29 1/2" (749) to 77 1/2" (1969) in height. For area and opening specification formulas, visit andersenwindows.com.

* Window heights that require a 2:1 reverse cottage sash ratio are available in custom sizes from 17 1/2" (445) to 47 1/2" (1207) in width to 77 5/8" (1972) to 89 1/2" (2273) in height. For area and opening specifications, contact your Andersen supplier.

• **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.