

400 SERIES CASEMENT & AWNING WINDOWS



Table of Awning Window Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

Notes on page 2 also apply to this page.

Window Dimension	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-7 1/2" (800)	2'-11 15/16" (913)	3'-4 13/16" (1037)	4'-0" (1219)	4'-4 13/16" (1341)	4'-11 7/8" (1521)	5'-4 13/16" (1646)	5'-11 7/8" (1819)	(continued)
Minimum Rough Opening	2'-0 5/8" (625)	2'-4 7/8" (733)	2'-8" (813)	3'-0 1/2" (927)	3'-5 3/8" (1051)	4'-0 1/2" (1232)	4'-5 3/8" (1356)	5'-0 3/8" (1534)	5'-5 3/8" (1660)	6'-0 3/8" (1832)	
Unobstructed Glass (single sash only)	19 5/16" (491)	23 9/16" (598)	26 11/16" (678)	31 1/8" (791)	36" (914)	43 3/16" (1097)	48" (1219)	55 1/16" (1399)	60" (1524)	67 1/16" (1703)	

CUSTOM WIDTHS – 24 1/8" to 71 7/8"

CUSTOM HEIGHTS – 17" to 35 15/16"

CUSTOM WIDTHS – 24 1/8" to 48" venting only

CUSTOM HEIGHTS – 35 7/8" to 48" venting only

CUSTOM WIDTHS – 59 7/8" to 71 7/8" stationary only

CUSTOM HEIGHTS – 31 1/2" to 35 15/16" stationary only

Window Dimension	2'-0 1/8" (613)	2'-11 15/16" (913)	2'-11 15/16" (913)	3'-4 13/16" (1037)	4'-0" (1219)	2'-0 1/8" (613)	2'-11 15/16" (913)
Minimum Rough Opening	2'-0 5/8" (625)	3'-0 1/2" (927)	3'-0 1/2" (927)	3'-5 3/8" (1051)	4'-0 1/2" (1232)	2'-0 5/8" (625)	3'-0 1/2" (927)

- "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.

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Table of Awning Window Sizes *(continued)*

Scale 1/8" (3) = 1'-0" (305) – 1:96

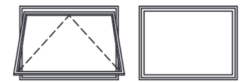
Window Dimension	4'-0" (1219)	4'-8 1/2" (1435)	5'-2 3/4" (1594)	5'-11 5/8" (1826)	5'-11 7/8" (1826)	7'-0 5/8" (2149)
Minimum Rough Opening	4'-0 1/2" (1232)	4'-9" (1448)	5'-3 1/4" (1607)	6'-0 1/8" (1832)	6'-0 3/8" (1838)	7'-1 1/8" (2162)
Unobstructed Glass (single sash only)	19 5/16" (491)	23 9/16" (598)	26 11/16" (678)	31 1/8" (1703)	19 5/16" (491)	23 9/16" (598)

1'-5" (432)	1'-5 1/2" (445)	1'-5 1/2" (445)	1'-5 1/2" (445)	1'-5 1/2" (445)	1'-5 1/2" (445)	1'-5 1/2" (445)
AR221	AR2251	AR2281	AR231	AR321	AR3251	
1'-8 1/2" (521)	1'-9" (533)	1'-9" (533)	1'-9" (533)	1'-9" (533)	1'-9" (533)	1'-9" (533)
AN221	AN2251	AN2281	AN231	AN321	AN3251	
2'-0 1/8" (613)	2'-0 5/8" (625)	2'-0 5/8" (625)	2'-0 5/8" (625)	2'-0 5/8" (625)	2'-0 5/8" (625)	2'-0 5/8" (625)
A221	A2251	A2281	A231	A321	A3251	
2'-4 3/8" (721)	2'-4 7/8" (733)	2'-4 7/8" (733)	2'-4 7/8" (733)	2'-4 7/8" (733)	2'-4 7/8" (733)	2'-4 7/8" (733)
AW221	AW2251	AW2281	AW231	AW321	AW3251	
2'-7 1/2" (800)	2'-8" (813)	2'-8" (813)	2'-8" (813)	2'-8" (813)	2'-8" (813)	2'-8" (813)
AX2251	AX2281	AX231				
2'-11 15/16" (913)	3'-0 1/2" (927)	3'-0 1/2" (927)	3'-0 1/2" (927)	3'-0 1/2" (927)	3'-0 1/2" (927)	3'-0 1/2" (927)
	AXW2281	AXW231				



Custom-size windows are available in 1/8" (3) increments. Windows can also be custom sized to match standard sizes ending in a sixteenth of an inch.

Single windows only.



Venting Stationary

Choose venting or stationary. **AXW551** and **AXW61** windows are stationary only. In addition to venting shown in table, other standard configurations are available for twin, triple and stacked windows.

Twin, triple and stacked windows shown have one continuous outer frame.

Awning windows must be installed to vent as shown, and should not be rotated and used as a hopper.

Transom (CTR) windows can be used over casement or awning windows, and may be rotated 90° and used as a sidelight with casement, awning or picture windows.

• "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.

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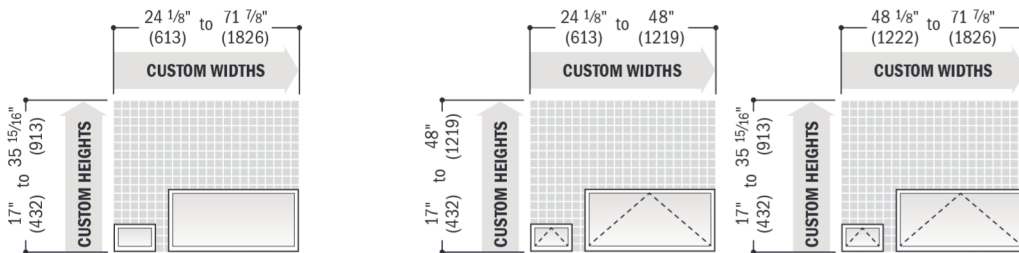


Custom Sizes and Specification Formulas



Available in 1/8" (3) increments between minimum and maximum widths and heights. Windows can also be custom sized to match standard sizes ending in a sixteenth of an inch. Some restrictions apply; contact your Andersen supplier. Custom sizing is available for single windows only. To achieve custom-size 2- or 3-wide combinations, join custom-size single windows. For minimum rough opening dimensions for joined windows, see specific joining instruction guides. Measurement guide for custom-size windows can be found at andersenwindows.com/measure.

Awning Windows (stationary and venting)



	<p>Clear Opening</p> <p>Width = window width - 4.53" (115)</p> <p>Depth = 6.38" (162) = 6.44" (164) = 6.50" (165)</p> <p>Height ≥ 17" (432) and < 20 1/2" (521) Height ≥ 20 1/2" (521) and < 24 1/8" (613) All other window heights</p>		<p>Min. R.O.</p> <p>Width = window width + 1/2" (13) Height = window height + 1/2" (13)</p>
	<p>Vent Opening</p> <p>Width = window width - 4.53" (115)</p> <p>Depth = 6.38" (162) = 6.44" (164) = 6.50" (165)</p> <p>Height ≥ 17" (432) and < 20 1/2" (521) Height ≥ 20 1/2" (521) and < 24 1/8" (613) All other window heights</p>		<p>Unobst. Gls.</p> <p>Width = window width - 4.81" (122) Height = window height - 4.51" (115)</p>

• Dimensions in parentheses are in millimeters.
 • **Clear Opening** formulas provide dimensions for determining area available for egress. **Vent Opening** formulas provide dimensions for determining area available for passage of air. **Min. R.O.** (minimum rough opening) formulas provide minimum rough opening width and height dimensions. **Unobst. Gls.** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.
 • Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for custom-size windows.