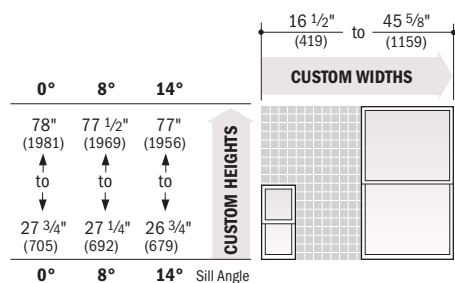
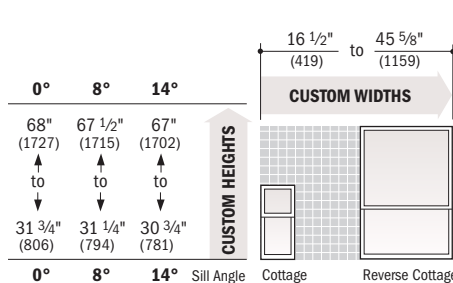


Woodwright® Double-Hung, Picture and Transom Insert Window Sizes

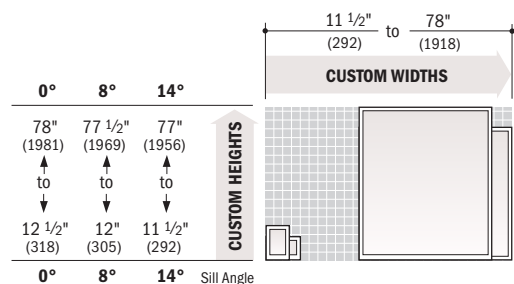
Double-Hung Equal Sash Ratio



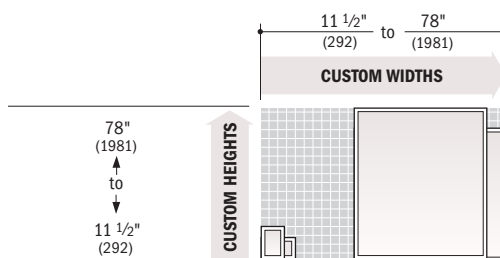
Double-Hung 2:3 Cottage and 3:2 Reverse Cottage Sash Ratio



Picture



Transom



Available in 1/8" (3) increments between minimum and maximum widths and heights. Height limits for double-hung and picture insert windows depend on new insert window sill angle.

For picture and transom insert windows, either height or width must be 68" (1727) or less, and height plus width cannot be less than 28" (711).

Measurement guide for custom-sized windows can be found at andersenwindows.com/measure.

Woodwright® Double-Hung Insert Window Specification Formulas

Clear Opening	Width = window width - 3.4375" (87)						
	Height = Depends on sash ratio and specific sill angle of insert window; see below.						
Vent Opening	sash ratio		clear opening height		sill angle deduction		
					14°	8°	0°
	1:1 Equal		= (window height ÷ 2) - sill angle deduction		3.1875" (81)	3.4375" (87)	3.75" (95)
	2:3 Cottage		= (window height x 2) ÷ 5 - sill angle deduction		2.875" (73)	3.0625" (78)	3.25" (83)
3:2 Reverse Cottage		= (window height x 2) ÷ 5 - sill angle deduction		2.375" (60)	2.5625" (65)	2.8125" (71)	
Unobst. Glass	Width = window width - 6.0" (152)						
	Height = Depends on sash ratio and specific sill angle of insert window; see below.						
	sash ratio		unobstructed glass height		sill angle deduction		
					14°	8°	0°
	Equal, Height < 48" (1219)		= ((window height ÷ 2) - sill angle deduction) - 6.5" (165)		2.75" (70)	2.9375" (75)	3.25" (83)
	Equal, Height > 48" (1219)		= ((window height ÷ 2) - sill angle deduction) - 11.5" (292)				
Cottage, Height < 48" (1219)		= ((window height x 2) ÷ 5 - sill angle deduction) - 6.5" (165)		1.9375" (49)	2.125" (54)	2.375" (60)	
Cottage, Height > 48" (1219)		= ((window height x 2) ÷ 5 - sill angle deduction) - 11.5" (292)					
Reverse Cottage, Height < 48" (1219)		= ((window height x 2) ÷ 5 - sill angle deduction) - 6.5" (165)		3.5625" (90)	3.8125" (97)	4.8125" (122)	
Reverse Cottage, Height > 48" (1219)		= ((window height x 2) ÷ 5 - sill angle deduction) - 11.5" (292)					
Unobst. Glass	sash ratio		unobstructed glass height		sill angle deduction		
					14°	8°	0°
	Equal Upper and Lower Sash		= (window height ÷ 2) - sill angle deduction		7.875" (200)	8.375" (213)	9.0" (229)
	Cottage Upper Sash or Reverse Cottage Lower Sash		= (window height x 2) ÷ 5 - sill angle deduction		3.1875" (81)	3.375" (86)	3.625" (92)
Cottage Lower Sash or Reverse Cottage Upper Sash		= (window height x 2) ÷ 5 - sill angle deduction		4.75" (121)	5.0625" (129)	5.4375" (138)	

Woodwright® Picture and Transom Insert Window Specification Formulas

Unobst. Glass	Picture Insert		Transom Insert			
	Width = window width - 6.0" (152)		Width = window width - 6.0" (152)			
Height = Depends on sash ratio and specific sill angle of insert window; see below.		Height = window width - 6.0" (152)				
		unobstructed glass height		sill angle deductions		
				14°	8°	0°
		= window height - sill angle deduction		5.816" (148)	6.285" (160)	6.890" (175)

- 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.
- **Unobst. Glass** (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 insert windows.