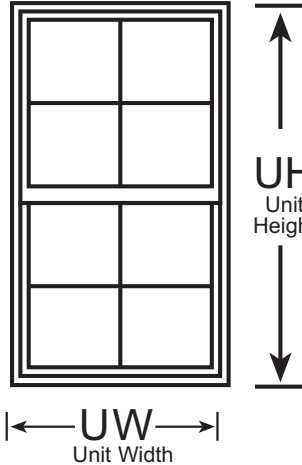


Glass

Please Note: Vinyl windows built at AWS

FORMULAS

These formulas are a way to calculate a unit's net clear opening, screen size, or glass size. It is important to use the actual unit size, not the rough opening size. Please see example to the right.



EXAMPLE:

2050 Sloped Sill Single Hung
Unit Size - 23 1/2" (WW) by 59 1/2" (WH)

Net Clear Opening:

(UW) 23 1/2" - 4" = 19 1/2"
(UH) 59 1/2" x .5 = 29 3/4" - 3 9/16" = 26 3/16"
19 1/2" by 26 3/16" is net clear opening.

Glass Size:

Top Glass
(UW) 23 1/2" - 3" = 20 1/2"
(UH) 59 1/2" x .5 = 29 3/4" - 2 1/2" = 27 1/4"
20 1/2" by 27 1/4" is top glass size.
Bottom Glass
(UW) 23 1/2" - 5 7/16" = 18 1/16"
(UH) 59 1/2" x .5 = 29 3/4" - 2 1/2" = 27 1/4"
18 1/16" by 27 1/4" is bottom glass size.

	NET CLEAR OPENING		GLASS	
	Unit Width	Unit Height	Unit Width	Unit Height
900V				
Double Hung	UW - 5"	UH x .5 - 5"	top UW - 4 3/4"	UH x .5 - 2 7/8"
Double Hung Oriel	UW - 5"	UH x .5 - 5"	bot UW - 3 1/2"	UH x .5 - 1 5/8"
Double Hung DP50	UW - 5"	UH x .5 - 5"	top UW - 4 3/4"	UH x Oriel Factor - 2 7/8"
Double-Slider	UW x .5 - 4 1/2"	UH - 7 3/8"	bot UW - 3 1/2"	UH x Inverse Oriel Factor - 1 5/8"
Three-Lite Picture Slider 1/4 1/2 1/4	UW x .25 - 4 1/2"	UH - 7 3/8"	top UW - 4 3/4"	UH x .5 - 2 7/8"
Three-Lite Picture Slider 1/3 1/3 1/3	UW x .333 - 4 1/2"	UH - 7 3/8"	bot UW - 3 1/2"	UH x .5 - 1 5/8"
Casement Standard Hinge	UW - 12 1/16"	UH - 5 21/32"	flkr UW x .5 - 2 1/4"	UH - 4 3/4"
Casement Egress Hinge	UW - 7 47/64"	UH - 5 21/32"	ctr UW x .5 - 1 5/8"	UH - 4 3/4"
Patio Door	UW x .5 - 6"	UH - 2 11/16"	flkr UW x .333 - 1 5/8"	UH - 4 3/4"
			ctr UW - 5 1/4"	UH - 5 1/4"
				UH - 5 1/4"
			UW x .5 - 3 7/16"	UH - 6"

600V				
Single Hung	UW - 4 1/2"	UH x .5 - 3 1/2"	UW - 3 1/2"	UH x .5 - 2 1/4"
Single Hung Oriel	UW - 4 1/2"	UH x .5 - 3 1/2"	top UW - 3 1/2"	UH x Oriel Factor - 2 1/4"
Single Hung DP50	UW - 4 1/2"	UH x .5 - 3 1/2"	bot UW - 3 1/2"	UH x Inverse Oriel Factor - 2 1/4"
Double Hung	UW - 4 1/2"	UH x .5 - 5 5/16"	top UW - 4 3/4"	UH x .5 - 3"
Double Hung Oriel	UW - 4 1/2"	UH x .5 - 5 5/16"	bot UW - 3 1/2"	UH x .5 - 1 3/4"
Double Hung DP50	UW - 4 1/2"	UH x .5 - 5 5/16"	top UW - 4 3/4"	UH x Oriel Factor - 3"
Single-Slider	UW x .5 - 3 29/64"	UH - 3 24/64"	bot UW - 3 1/2"	UH x Inverse Oriel Factor - 1 3/4"
Three-Lite Picture Slider 1/4 1/2 1/4	UW x .25 - 3 29/64"	UH - 3 24/64"	top UW - 4 3/4"	UH x .5 - 3"
Three-Lite Picture Slider 1/3 1/3 1/3	UW x .333 - 3 29/64"	UH - 3 24/64"	bot UW - 3 1/2"	UH x .5 - 1 3/4"
			flkr UW x .5 - 2"	UH - 3 1/2"
			ctr UW x .25 - 1 1/8"	UH - 3 1/2"
			UW x .5 - 2 9/32"	UH - 3 1/2"
			UW x .333 - 1 1/2"	UH - 3 1/2"

300V				
Single Hung	UW - 4 1/2"	UH x .5 - 3 1/2"	UW - 3 1/2"	UH x .5 - 2 1/4"
Single Hung Oriel	UW - 4 1/2"	UH x .5 - 3 1/2"	top UW - 3 1/2"	UH x Oriel Factor - 2 1/4"
Single Slider	UW - 3 7/16"	UH - 4 1/2"	bot UW - 3 1/2"	UH x Inverse Oriel Factor - 2 1/4"
Three-Lite Picture Slider 1/4 1/2 1/4	UW x .25 - 3 7/16"	UH - 4 1/2"	UW x .5 - 2 1/4"	UH x - 3 9/16"
Three-Lite Picture Slider 1/3 1/3 1/3	UW x .333 - 3 7/16"	UH - 4 1/2"	flkr UW x .25 - 1 1/8"	UH - 3 9/16"
Patio Door	UW x .5 - 4"	UH - 4"	ctr UW x .5 - 2 3/4"	UH - 3 9/16"
			UW x .333 - 1 27/32"	UH - 3 9/16"
			UW x .333 - 1 27/32"	UH - 3 9/16"
			UW x .5 - 2 1/2"	UH - 5 3/4"