

85 Aluminum Single Hung Window

Features:

- Aluminum frame and sash components are precision cut and assembled to make joints weather-tight
- Warm-edge insulated glass reduces condensation and improves thermal efficiency
- Sashes interlock for added strength and security
- Positive sash lock provides security and helps keep the frame and sash weather-tight
- Half screen standard
- Vinyl bulb seal spans bottom of operable sash to minimize air and water infiltration
- Continuous extruded nail-fin on all frame sections for fast, easy installation
- Sloped-sill allows for easy water run-off
- Jamb depth: 2.5625"

Custom Options:

- 5/8" or 3/4" flat grids available
- Glass options: Low-E Glass; Low-E Glass with Argon Gas; Ultra Low-E Argon
- Custom sizes available
- DP Rating R50 (window size tested 48" x 72")

Product Performance:

AAMA 101 Results:

Window Size	AAMA Rating (psf)	Air (cfm/ft ²)	Water (psf)
48" x 72"	R40	0.09	6.06
48" x 84"	R40	0.09	6.06
44" x 84"	R45	0.18	7.52
48" x 72" HP	R50	0.09	7.52
CHS Twin 88" x 72" HP	R45	0.18	7.52
CHS Triple 108" x 77" HP	R50	0.09	7.52

Product Dimensions:

Aluminum Wall Thickness:	0.050"
Glass Thickness:	0.5625"
Jamb Depth:	2.5625"
Nail Fin Setback:	1.375"

Rough Opening:

Window Width + 1/2"
Window Height + 1/2"

Size Restrictions:

	Min:	Max:
Width	11 1/2"	48"
Height	23 1/2"	96"

(Max. United Inches 144")



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Egress Formulas:

Egress Width $\geq 20"$ and Egress Height $\geq 24"$ and Egress Area $\geq 5.7 \text{ ft}^2$ required to meet egress.

Egress Width Formula: window width - 1.875"

Egress Height Formula = (window height/2) - 5.250"

Egress Area Formula = (Egress Width x Egress Height)/144

Screen Sizes:

Width: window width - 1.500"

(EW/2) - 1.5625" Twin

(EW/3) - 1.625" Triple

Height: (window height/2) + 0.500"

Cross Sections:

