

8300 2 and 3-Lite Sliding Window

Features:

- Reinforced multi-cavity construction offers additional thermal protection and structural integrity
- Positive-action cam lock enhances safety (2 locks standard at 27 1/4" or higher)
- Insulated glass panels with optimum thermal air space featuring a warm-edge spacer system
- Tandem rollers ride easily along friction free glide channel
- XO or OX 2-lite styles available (one sash operates)
- Half screen comes standard
- Fusion-welded sashes and frame add strength and additional insulation
- Jamb depth: 3.25"
- Transferable limited lifetime warranty

Custom Options:

- Low-E Glass
- Low-E Glass with Argon Gas
- Ultra Low-E Glass with Argon Gas
- Obscure glass
- Double strength glass
- Optional 5/8" or 1" contoured grid, 5/8" or 3/4" flat grid and 5/8" contoured valance available
- Aluminum charcoal mesh screen
- Window Opening Control Device (for fall prevention)
- Nine exterior painted colors (white interior only)
- InsulKor™ Multi-Cavity Foam-Filled Frame
- Lifetime glass breakage warranty

Product Performance:

AAMA 101 Results:

Window Size	AAMA Rating (psf)	Air (cfm/ft ²)	Water (psf)
78" x 48" (O/X)	R40	0.17	6.06
96" x 48" (X/O/X)	R30	0.24	4.59

Product Dimensions:

Vinyl Wall Thickness:	0.065"
Typ. Glass Thickness:	0.750"
Jamb Depth:	3.250"
Mullion Adder:	0.125"

Rough Opening:

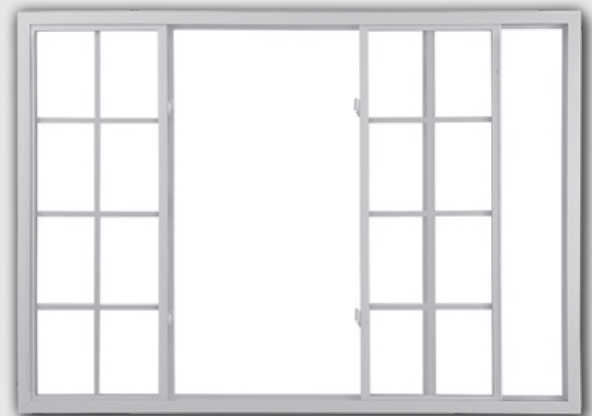
Window Width + 1/4"
Window Height + 1/4"



2-Lite Slider Size Restrictions:

	Min:	Max:
Width	23 1/8"	84"
Height	17 3/4"	72"

(Max. United Inches 132")



3-Lite Slider Size Restrictions:

	Min:	Max:
Width	60"	120"
Height	17 3/4"	72"

Width restriction for 1/3, 1/3, 1/3 =
min 54" and max 90"
(Max. United Inches 158")

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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 = $(\text{Window Width}/2) - 4"$ (XX)

$(\text{Window Width}/3) - 4.25"$ (XOX 1/3 1/3 1/3)

$(\text{Window Width}/4) - 2.125"$ (XOX 1/4 1/2 1/4)

Egress Height Formula = $\text{Window Height} - 4.875"$

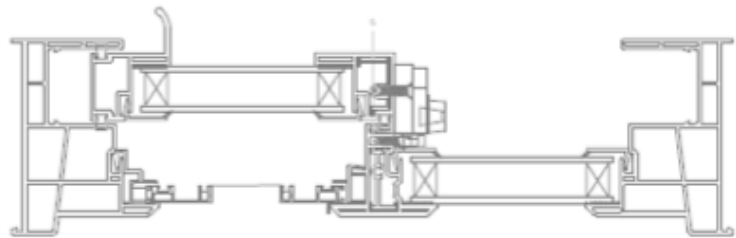
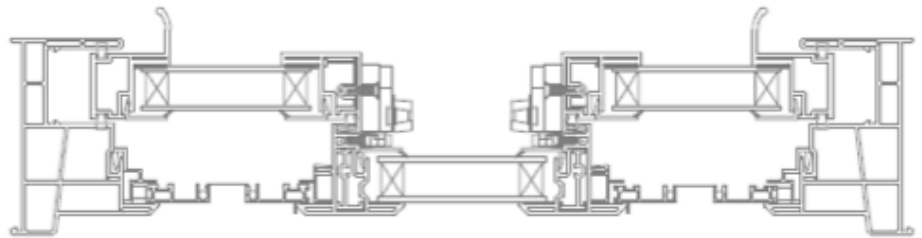
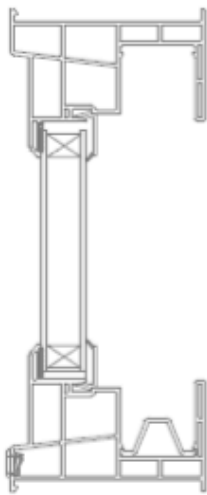
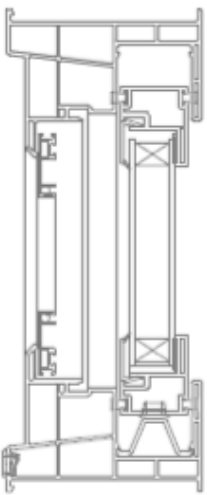
Egress Area Formula = $(\text{Egress Width} \times \text{Egress Height})/144$

Screen Formulas:

$(\text{Window Width}/2) - 2.8125"$ (1/2 Screen)

$\text{Window Height} - 4"$ (1/2 Screen)

Cross Sections:



Mullion Assembly:

