

## 700 Casement Window

### Features:

- Beautiful beveled exterior frame perimeter
- Low profile handle folds in and provides a popular aesthetic appeal
- Narrow profile permits expanded viewing area
- Fusion-welded frame and sash for weather-tight performance
- Full-perimeter double weather stripping
- Low-E glass with insulating argon gas yields outstanding thermal efficiency
- Insulated glass panels featuring warm-edge spacer system
- Casement windows open 90 degrees for better ventilation
- Full screens mount on the interior and are removable
- Tandem locks standard on all casements over 34" in height
- Standard colors are white or almond
- Jamb depth: 3.25"
- Lifetime glass breakage warranty
- Transferable limited lifetime warranty

### Custom Options:

- Low-E Glass
- Ultra Low-E Glass + Argon Gas
- Obscure or double strength glass
- Decorative beveled and leaded glass
- Brass and brushed nickel locks
- 2" simulated meeting rail
- Charcoal aluminum mesh screen
- Interior finishes, exterior painted colors and decorative hardware available
- Custom sizes available

### Product Performance:

AAMA 101 Results:

Window Size	AAMA Rating (psf)	Air (cfm/ft <sup>2</sup> )	Water (psf)
36" x 72" (X Finless)	C50	0.01	10.65
72" x 60" (XX Finless)	C60	0.05	9.19
72" x 72" (XX Finless)	C50	0.01	8.36
72" x 108" (OO/XX Muller Twin w/Transom)	C35	0.01	6.75
108" x 72" (XXX Muller CHS Finless)	C35	0.01	8.35

Acoustic Results:

Glazing	STC
3/32" – 9/16" Airspace – 3/32"	25
1/8" – 1/2" Airspace – 1/8"	28

### Product Dimensions:

Vinyl Wall Thickness:	0.075"
Glass Thickness:	0.75"
Jamb Depth:	3.25"
Mullion Adder:	0.50"

### Rough Opening:

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

### 1-Lite Size Restrictions:

	Min:	Max:
Width	15 1/2"	36"
Height	20"	72"

(Max. Sq. Ft. = 18 sq. ft.)

### 2-Lite Size Restrictions

	Min:	Max:
Width	31"	68"
Height	20"	72"

(Max. Sq. Ft. = 30 sq. ft.)

### 3-Lite (1/3,1/3,1/3) Size Restrictions:

	Min:	Max:
Width	48"	100"
Height	20"	72"

(Max. Sq. Ft. = 44 sq. ft.)

### 3-Lite (1/4,1/2,1/4) Size Restrictions:

	Min:	Max:
Width	67"	128"
Height	20"	72"

(Max. Sq. Ft. = 58 sq. ft.)

### 4-Lite Size Restrictions:

	Min:	Max:
Width	64"	158"
Height	20"	72"

(Max. Sq. Ft. = 58 sq. ft.)

### 5-Lite Size Restrictions:

	Min:	Max:
Width	80"	158"
Height	20"	72"

(Max. Sq. Ft. = 70 sq. ft.)



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### Egress Formulas:

Egress Width  $\geq 20"$  and Egress Height  $\geq 24"$  and Egress Area  $\geq 5.7$  ft<sup>2</sup> required to meet egress.

Egress Width Formula (Standard Hinge) = Window Width – 11.75"

Egress Width Formula (Egress Hinge) = Window Width – 7.25"

Egress Height Formula = Window Height – 5.1875"

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

### Screen Formulas:

Window Width – 4.3125"

Window Height – 4.25"

### Cross Sections:

