

750 Casement Window

Features:

- Beautiful, true brick mould exterior frame perimeter
- Low profile handle folds in and provides a popular aesthetic appeal
- Narrow profile permits expanded viewing area
- Insulated glass panels with optimum thermal air space featuring warm-edge spacer system
- Concealed hinges and hardware let you open casement windows 90 degrees for better ventilation and easier cleaning
- Full screens mount on the interior and are removable for easy cleaning
- Tandem locks come standard on all casements over 34" in height
- Charcoal fiberglass mesh screen
- Jamb depth: 3.25"
- Multi-point locking system provides superior pull-in mechanism with single lever
- Limited Lifetime Warranty

Custom Options:

- Low-E Glass
- Low-E Glass + Argon Gas
- Ultra Low-E Glass + Argon Gas
- 2" simulated meeting rail
- Charcoal aluminum mesh screen
- 5/8" or 3/4" flat, 5/8" or 1" contoured, 5/8" contoured valance, 1 1/8" Simulated Divided Lite

Product Performance:

AAMA 101 Results:

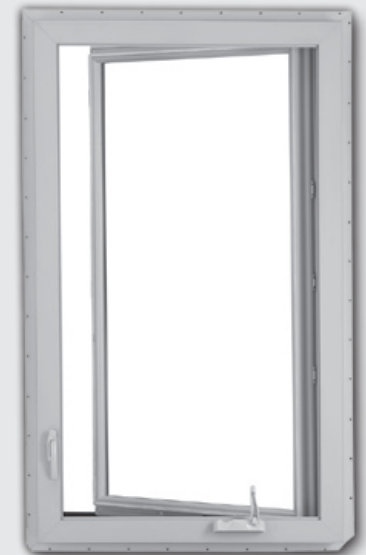
Window Size	AAMA Rating (psf)	Air (cfm/ft ²)	Water (psf)
36" x 72" (X Fin)	C55	0.04	9.19
72" x 60" (XX Fin)	C60	0.05	9.19
72" x 72" (XX Fin)	C50	0.05	9.19
73" x 72" (XX Muller CHS Fin)	C55	0.01	8.35
109" x 72" (XXX Muller CHS Fin)	C55	0.01	8.35

Product Dimensions:

Vinyl Wall Thickness:	0.075"
Glass Thickness:	0.750"
Jamb Depth:	3.250"
Nail Fin Setback:	2.1875"

Acoustic Results:

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



Rough Opening:

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

1-Lite Size Restrictions:

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

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

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

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

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

4-Lite Size Restrictions:

	Min:	Max:
Width	64"	128"
Height	20"	72"

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

2-Lite Size Restrictions:

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

(Max. Sq. Ft. = 30 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.)

5-Lite Size Restrictions:

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

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

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Egress Formulas:

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

Casement Egress Width Formula (Reg. Hinge) = Window Width – 11.75"

Casement 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

Casement Screen Formulas:

Window Width – 4.3125"

Window Height – 4.25"

Cross Sections:

