



## Series 450-T Casement / Awning Window Ratings Summary

### Specifications:

AAMA/WDMA/CSA/IS101/A440-11 (Non-Impact)  
ASTM F 588-14  
CAWM 301-90(1995)

### Test Report:

#T18-072

### Frame:

- Block or Nail Fin frames
- No Corner Configurations
- Vertical TDL
- Outside Glazed Only

### Casement:

- Maximum frame size: 41.25" x 68.75" (4-Bar Hinges) DP  $\pm$ 20 ; Water: 4.5 lbs.

### Awning:

- Maximum Frame Size: 27" x 68.75" (4-Bar Hinges) DP  $\pm$ 20 ; Water: 4.5 lbs.

### Locks:

- Multi-point Locks OR Cam Handle Locks  
(Cam handle locks can be used in conjunction with or in lieu of Multi-point Locks)

### Handles:

- Cam Handles OR Roto Operators

### Hinges:

- 2 - 4-Bar Hinges: Panel Height  $\leq$ 65" (with Snubbers)

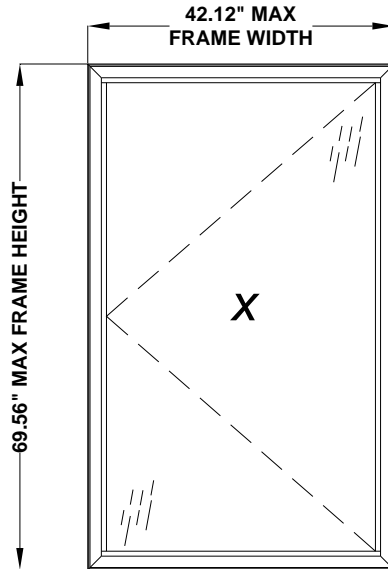
### Glazing Options:

#### Non-Impact:

1.25" IG: 6mm-T/space/6mm-T (G1)

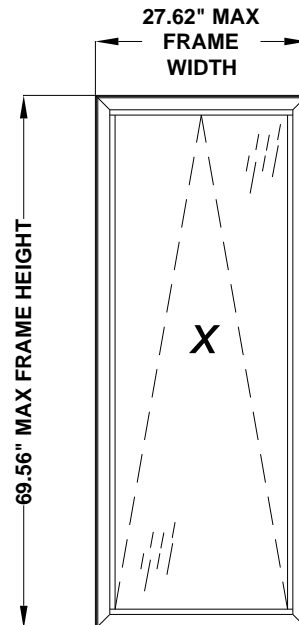
Sample Illustration: Casement / Awning

	RATING / VALUE
FRAME MAX DIMENSIONS	42.125" X 69.563"
CASEMENT MAX DIMENSIONS	41.5" X 68.75"
DESIGN PRESSURE	±20
GLASS TYPE(S)	G1



Sample Illustration: Casement / Awning

	RATING / VALUE
FRAME MAX DIMENSIONS	27.625" X 69.563"
AWNINGS MAX DIMENSIONS	27" X 68.75"
DESIGN PRESSURE	±20
GLASS TYPE(S)	G1



Sample Illustration: Multi Casement/Awning Frames

	RATING / VALUE
FRAME MAX DIMENSIONS	69.438" X 69.563"
CASEMENT MAX DIMENSIONS	41.5" X 68.75"
AWNING MAX DIMENSIONS	27" X 68.75"
DESIGN PRESSURE	±20
GLASS TYPE(S)	G1

