

C700/C705 Series 4 1/8" Frame Depth Casement

C700/C705 SERIES CASEMENT

FEATURES

- ◇ **Framing System**
 - Patented OptiCore Technology
 - Architectural grade aluminum frame
 - Dual Euro-Groove frame system
- ◇ **Enhanced Design**
 - Azo-Core Thermal Barrier System for reduced thermal-conductivity and increased energy-efficiency
 - Modern, squared frame glazing (C700 Series)
 - Traditional/Historic beveled frame glazing (C705 Series)
 - 2 7/8" narrow sitalines
 - With or without Integral Nailing Fin
- ◇ **Glazing**
 - Impact-rated glazing package
 - Dual-sealed Warm Edge Super Spacer system
- ◇ **Hardware**
 - Heavy-commercial Amesbury/Truth lock and crank-out system
- ◇ **Screen**
 - Easily removable FlexScreen system carries a lifetime warranty

OPTIONS

- ◇ **Available Configurations**
 - Project-out Casement (Left or Right)
 - Wire frame capabilities
- ◇ **Muntin Choices**
 - Internal or simulated divided lites available
- ◇ **Hardware and Screen**
 - ADA Hardware
 - Limited travel hardware
 - Retractable screen systems
- ◇ **Glazing**
 - Multiple Low-E and argon glazing choices
 - Glazing pocket can accept up to 1 3/8" insulating glass for sound attenuation purposes
 - Triple glazing
 - WACI Blind System
 - Capillary tubes
 - Wide variety of tinting and pane thickness options
- ◇ **Panning & Trim Choices**
 - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
 - Wide variety of structural mulls

BENEFITS

- ◇ Capacity to match exterior colors for unique project facades
- ◇ Two-tone capabilities with a color to match the building interior and another to match the exterior
- ◇ Maximum sizing affords the facilitation of large sizes for taller and wider window openings
- ◇ Thermal performances never thought achievable in aluminum windows

PERFORMANCE

- ◇ Structural & Thermal (test reports available upon request)

Model	Casement (Project-Out)	
NAFS Rating	AW-PG100-C	AW-PG70-C
Test Size	36" x 60"	48" x 84" (Maximum)
Design Pressure (P.S.F.)	150.38	105.26
Air Infiltration at 25 MPH (cfm/ft ²)	<0.10	
Water Resistance (P.S.F.)	15.04	12.11
CR (Condensation Resistance)	Contact Quaker	
U-Value (ranges based on multiple Low-E/Argon combinations)	Contact Quaker	
SHGC (ranges based on multiple Low-E/Argon combinations)	Contact Quaker	
OITC/STC	Contact Quaker	
Missile Level	D	
Wind Zone	3	

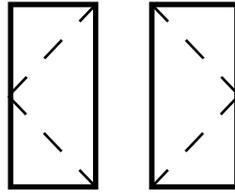
Operating Force (per ASTM E2068):
 AW-PG100-C: Initiate motion - 36 N (8 lbf)
 Maintain motion - 18 N (6 lbf)
 AW-PG70-C: Initiate motion and Maintain motion - 13 N (3 lbf)

CR, U-Value and SHGC values shown are a range based on Quaker's most popular glass package options in all-window testing (not center-of-glass testing). Test results were achieved with no grids. The addition of optional grids may cause the results to vary slightly. Other available glass options may result in scores outside of the range shown.

OITC/STC ranges are based on the use of multiple glass pane thicknesses.

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



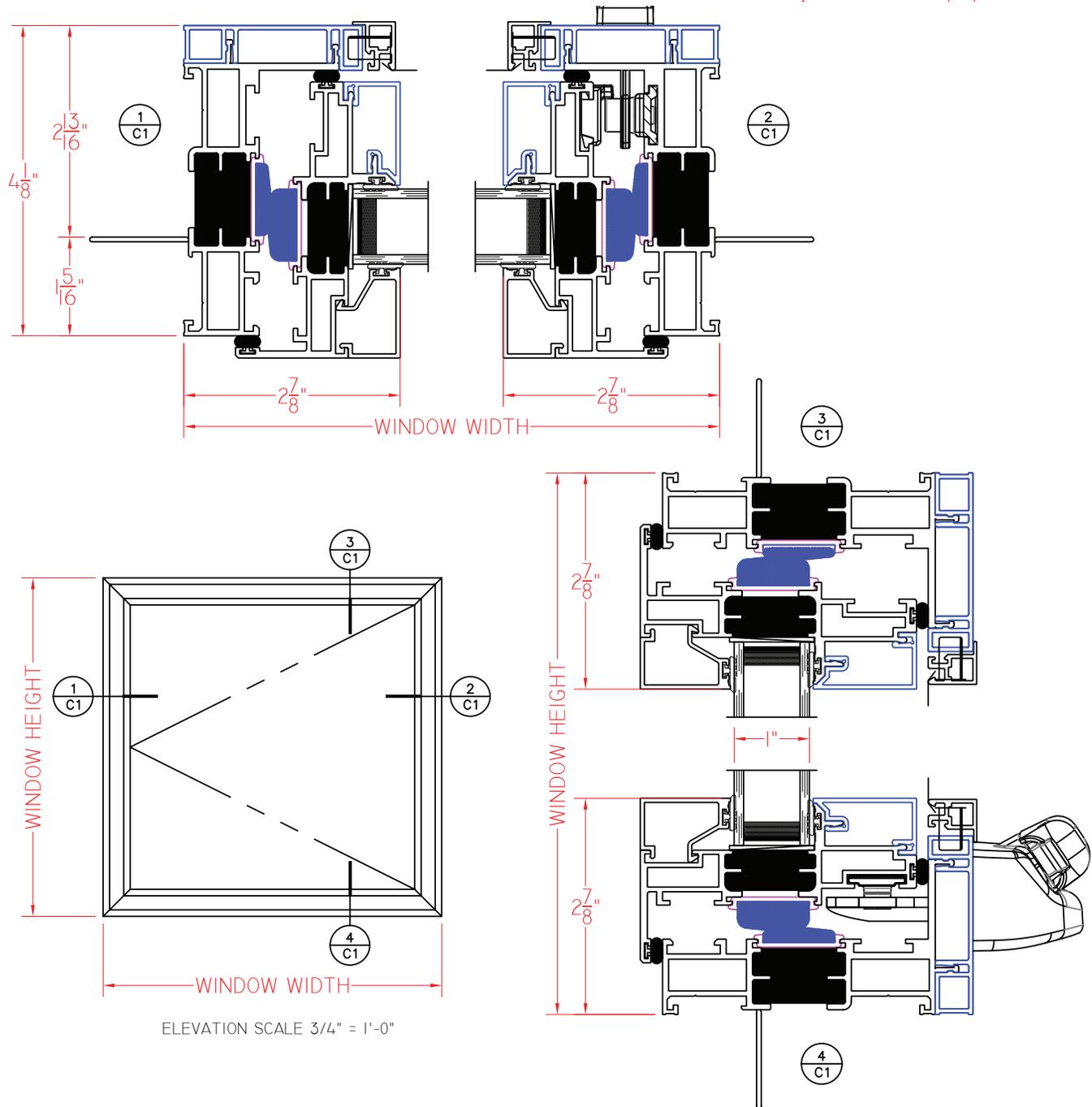


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C700 SERIES CASEMENT CRANK OUT

WITH SQUARE
GLAZING STOPS

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