

WELDED VINYL REPLACEMENT WINDOW CASEMENT

Product Series Number:	CVC-230/230A*	AAMA Rating: R60
Applications:	Residential, Light Duty Commercial	
Frame Depth:	3-1/4"	
Glass Unit Thickness:	7/8"	
Dimension Limitation:	Minimum:	W=16" H=20"
	Maximum:	W=32" H=60"

Architecture Specifications

General: Manufactured by Crystal Window & Door Systems, Ltd., 31-10 White stone Expwy., Flushing, NY 11354.

Operation: Window shall open out from the house pivoting from one of the side jambs when the handle of the operator is cranked. Sash shall pivot at the jamb on two stainless steel hinges located at head and sill. Multi-point sash locks shall be located at the jamb and shall function to both secure the opening as well as ensure a tight sash to jamb weather-stripping compression.

Materials: All vinyl extrusions shall be rigid 100% virgin PVC. The frame, mullion, sash rails shall have a main wall thickness of 0.075". Frame section shall have seven tubular hollows for strength and thermal efficiency. Sash profiles shall contain ten tubular hollows.

Frame construction: Frame shall be either fitted with a head expander and sill extension or ultrasonic point welded with nailing fin or J trim. All corners shall be mitered and fusion welded for maximum strength and leak resistance. Frame depth shall be 3.250".

Sash construction: All sash corners shall be mitered and fusion welded. Window height over 40" shall have steel reinforcements at all vertical rails.

Glazing: Sash shall utilize 7/8" thick insulating glass consisting of two sheets of 3/32" thick clear annealed glass and a desiccant-filled metal spacer system (intercept insulating unit). A butyl sealant shall be extruded around the entire perimeter of the spacer to achieve a seal. Sash shall be interior glazed, back bedded with

silicone, and utilize dual durometer snap-in glazing beads.

Screen construction: Standard screen shall be a full screen. The screen rails shall be rollformed of aluminum with all corners keyed. The screen mesh shall be held-in-place with a flexible spline. The screen shall be held-in-place by clips at each screen jamb.

Hardware: Sash lock shall be multi-point lock with a single handle actuator. 300 series stainless steel hinges, roto type operator assembly. Dual arm operator standard for window width over 20".

Weatherstripping: High-density woven pile shall be used in combination with continuous polyethylene rigid seal to minimize air infiltration.

Finish: Shall be solid vinyl in off white.

Options: Grids – Colonial, Georgian and Diamond aluminum in-glass in white, bronze or two tone (green-white or bronze-white), are available. Glazing –, Swiggle glass units, obscure wire, clear wire, frosted, Low-E, Argon filled Low-E, and special tempered glass can be used. Field mulled or factory mulled units, and zippa lock system are available. Nailing fin can be used for new construction. Two tone colors are available.

Series 230A Casement window is an upgrade product of Series 230, which uses same frame as Series 230 with chamfered sash profile that has better elevation view & more daylight area. (See attached drawings)