

## WELDED VINYL REPLACEMENT WINDOW SLIDER

**Product Series Number:** CVS-420-2 & CVS-420-3

**Applications:** Residential, Light Duty Commercial

**Frame Depth:** 2-7/8"

**Glass Unit Thickness:** 7/8"

**Dimension Limitation:**

**Two-Lite Slider:** Minimum: W=24" H=15" Maximum: W=96" H=64"

**Three-Lite Slider:** Minimum: W=42" H=15" Maximum: W=108" H=64"

### Architecture Specifications

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

**Operation:** Both sashes of two-lite slider, left and right sashes of three-lite slider shall move left and right. The middle sash of three-lite slider shall be fixed in the frame. All movable sashes shall lift out for easy cleaning or reglazing.

**Materials:** All vinyl extrusions shall be rigid 100% virgin PVC. Frame and sash shall have a main wall thickness of 0.070" and 0.062" respectively. Frame profile shall have six tubular hollows. Sash profiles shall be tubular extruded.

**Frame construction:** Frame shall have an integral j channel and pre-punched nailing fin along the perimeter. All corners shall be mitered and fusion welded. Frame depth shall be 2.875".

**Sash construction:** All sash corners shall be mitered and fusion welded. There shall be integral interlock at the meeting rails. Heights over 40" shall have metal reinforcements at meeting rails in all sash heights. Each sash of two-lite slider, left and right sash of three-lite slider shall have a snap-in pull handle that will be the full height of sash.

**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 exterior glazed, back bedded with silicone, and utilize dual durometer snap-in glazing beads.

**Screen construction:** The screen rails shall be rollformed of aluminum with all corners keyed. For two-lite slider, standard screen shall be a half screen. For three-lite slider, screen shall be either a full screen or two pieces that cover the two movable sashes area. There shall be with a full-length handle on left or right rail that can be used to take out the screen. The screen mesh shall be held-in-place with a flexible spline. Two stainless steel spring clips shall be applied at the opposed side of handle rail.

**Hardware:** Sash lock shall be cam type and finished to match the vinyl extrusion color. Sash lock shall be fastened at the lock rail by two self-tapping, color matched screws. Double locks standard on window over 24" in height. Two brass rollers shall be recessed into each bottom rail of the movable sash.

**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. Full screen, rollformed aluminum screen rails, field mulled or factory mulled units, and oriel windows are available. Nailing fin can be used for new construction. Two tone colors are available.