

WELDED VINYL SLIDING PATIO DOOR

Product Series Number:	CVP-1500	AAMA Rating:	SGD-R35
Applications:	Residential, Light Duty Commercial		
Frame Depth:	4-5/8"		
Glass Unit Thickness:	1"		
Dimension Limitation:			
Transom/Side Lite:	Minimum: W=18" H=18"	Maximum: W=102" H=84"	
Two-Panel:	Minimum: W=48" H=60"	Maximum: W=120" H=100"	

Architecture Specifications

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

Operation: One panel of the two-panel unit shall be movable. Operating panel shall glide on tandem metal adjustable wheels. Stationary panel shall be inserted in (for 2B & 2A version shall be glazed directly in) head, jamb and sill, Panels shall have a positive interlock at the meeting stiles when in the closed position.

Materials: All vinyl extrusions shall be rigid 100% virgin PVC. Frame profiles shall have a main wall thickness of 0.085", & have sixteen tubular hollows for strength and thermal efficiency. Sash profiles rails shall have a main wall thickness of 0.080", & have four tubular hollows for strength and thermal efficiency.

Frame construction: Frame shall have an integral pre-punched nailing fin along the perimeter. All corners shall be mitered and fusion welded. Metal door-sliding track & foot board. Frame depth shall be 4-5/8".

Sash construction: All sash corners shall be mitered and fusion welded. There shall be integral interlock at the meeting rail. Metal reinforcement bars shall be installed in meeting rails.

Glazing: Both sashes shall utilize 1.0" thick insulating glass consisting of two sheets of 1/8" thick clear tempered-proof 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. Movable sash shall be interior glazed, & fixed sash shall be exterior glazed, back bedded

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

Screen construction: Screen shall cover the movable panel(s) area. The screen rails shall be aluminum extrusion with all corners keyed. The screen frame shall be fitted with 18 x 16-mesh re-wireable charcoal fiberglass screen cloth or aluminum screen wire be held-in-place with a flexible spline. Metal screen door-sliding track.

Hardware: Movable panel of standard product shall have an attractive cast locking handle/mortise lock set at one of its stiles by two color matched screws. Two adjustable steel tandem rollers shall be recessed into the bottom rail of movable panel.

Weatherstripping: High-density woven pile (double seal) shall be used in combination with continuous polyethylene rigid seal, & one Q-Lon seal between meeting stiles to minimize air infiltration.

Finish: Shall be solid vinyl in off white (pearl white), beige (crystal sand) & two tone color..

Options: Multi-point lock, & Keyed handle/lock set are available as an option. Colonial, Georgian and Diamond aluminum in-glass grids in off white, beige or two tone are available. Low-E, and Argon filled tempered-proof Low-E glass IG can be used.

Series 1500: Transom/Side-lite;
 Series 1500-2: Two-Panel Sliding Patio Door;
 Series 1500-2A: Two-Panel Sliding Patio Door
 (No fixed stile rail);
 Series 1500-2B: Two-Panel Sliding Patio Door
 (No fixed stile, top & bot. rails).

THERMAL BREAK ALUMINUM PATIO DOORS