ALUMINUM REPLACEMENT WINDOW SLIDER

Product Series Number:	**CTS-2300-2 & CTS-2300-3**		**AAMA Rating:**	**C50**		
Applications:	Normal Duty Commercial					
Frame Depth:	3-1/4”					
Glass Unit Thickness:	7/8”					
Dimension Limitation:						
Two-Lite Slider:	Minimum:	W=22”	H=11”	Maximum:	W=96”	H=64”
Three-Lite Slider:	Minimum:	W=45”	H=11”	Maximum:	W=106”	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 re-glazing.

Materials: All extrusions shall be Prime-Alloy 6063-T5 and shall be thermally broken by a high density and low thermal conductive material. Rigid vinyl prolifes are used in construction for added thermal improvement. Sill has a main wall thickness of 0.078”. Jambs, heads, mullions, stiles and rails shall have a main wall thickness of 0.062”. Rails shall be tubular profile.

Frame construction: Frames shall have integral screen tracks. Head shall be fitted with a head expander or a snap-in nailing fin. All corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. An 8.25 lbs water sill shall be sloped to aid water run-off. Frame depth shall be 3.250”.

Sash construction: All sash corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. There shall be integral interlock at the reinforced (3/32”) meeting rails. 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 marine glazed with the glass unit set in a wrap-around vinyl-glazing channel.

Screen construction: 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. The screen rails shall be extruded of aluminum with all corners keyed. The screen mesh shall be held-in-place with a flexible spline. Two stainless steel spring clips shall be applied at the top of the screen.

Hardware: Sash lock shall be finished to match the vinyl extrusion color, & fastened at the lock rail by two self-tapping, color matched screws. Double locks standard on window over 24” in height. Two brass bearing 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: All exposed surfaces shall receive an electrostatically baked-on polyester TGIC powder finish. The painting process is preceded by a non-chromate conversion coating for proper adherence.

Options: Between glass grids – Colonial, Georgian and Diamond aluminum in white, bronze or two tone (green-white or bronze-white), are available. Applied grids are also available. Glazing – Swiggle spacer, obscure wire, clear wire, frosted, Low-E, Argon filled Low-E and special tempered glass can be used. Full screen for two-lite slider, field mulled or factory mulled units, and oriel windows are available. Nailing fin can be used for new construction. Two tone and custom colors are available.