ALUMINUM THERMAL BREAK WINDOW
HORIZONTAL SLIDER

Product Series Number:	**CTS-6200-2 & CTS-6200-3**			**AAMA Rating:**		**HC-60, AW-45**
Applications:	Heavy Commercial & Architecture					
Frame Depth:	4-1/4"					
Glass Unit Thickness:	1"					
Dimension Limitation:						
Two-Lite Slider:	Minimum:	W=22"	H=11"	Maximum:	W=96"	H=78"
Three-Lite Slider:	Minimum:	W=45"	H=11"	Maximum:	W=99"	H=79"

Architecture Specifications

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

Operation: Series 6200 includes three types: one interior lite and one exterior lite (2-lite), one interior lite with two exterior lites (3-lite, OXO) and two interior lites with one exterior lite (XOX). Each movable sash of two-lite and three-lite slider shall move left and right. All movable sashes shall lift out for easy cleaning or reglazing.

Materials: All extrusions shall be Prime-Alloy 6063-T5 and shall be thermally broken by a high density and low thermal conductive material. Rigid vinyls are used in construction for added thermal improvement. Sill has a main wall thickness of 0.125". Jambs, heads, mullions, stiles and rails shall have a main wall thickness of 0.080". Rails shall be tubular profile.

Frame construction: Frames shall have integral screen tracks. Head shall be fitted with a head expander. Top corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner, bottom corners shall be coped and butt-joined and mechanically fastened with four stainless screws per corner. Sill shall be sloped to aid water run-off. Frame depth shall be 4.250".

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 meeting rails. Each moveable sash near side jamb shall have a snap latch that will be the full height of sash or 4" length.

Glazing: Sash shall utilize 1" thick insulating glass consisting of two sheets of 1/8" 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 drop-in glazed with the glass unit set in a wrap-around aluminum glazing bead with gaskets at the interior.

Screen construction: For two-lite slider, standard screen shall be a half screen. For three-lite slider, screen(s) shall cover the movable sash(es) 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.

Hardware: Optional sash lock shall be finished to match the aluminum extrusion color and shall be fastened at the lock rail by two self-tapping color matched screws. Two roller bearings in two roller housings shall be installed into each bottom rail of the movable sash, and one stainless steel roller track shall be installed into the sill.

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, snap trim and panning system are also available. Glazing – Swiggle spacer, obscure wire, clear wire, frosted, Low-E, Argon filled Low-E and special tempered glass can be used. Field mulled or factory mulled units. Two tone and custom colors are available.