

ALUMINUM REPLACEMENT WINDOW SIDE LOAD DOUBLE HUNG

Product Series Number:	CTD-3000	AAMA Rating:	C-60
Applications:	Normal Duty Commercial, Residential		
Frame Depth:	3-1/4"		
Glass Unit Thickness:	7/8"		
Dimension Limitation:	Minimum:	W=10" H=24"	
	Maximum:	W=56.25" H=91.125"	

Architecture Specifications

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

Operation: Sash shall be counterbalanced to remain in any place during operation.

Materials: All extrusions shall be Prime-Alloy 6063-T5 and shall be thermally broken by a high density and low thermal conductive material. Jambs, heads, mullions, stiles, rails shall have a main wall thickness extrusion of 0.062" and sill has 0.080". Rails shall be tubular profile.

Frame construction: Frames shall have integral screen tracks. Head shall be fitted with a head expander. All corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. Frame depth shall be 3.250". Sill shall be sloped to aid water run-off. Frames with casement fin are available.

Sash construction: All sash corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. The lift on lower sash shall be rounded at its corners.

Glazing: Both sashes 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. Both sashes shall be marine glazed with the glass unit set in a wrap-around vinyl glazing channel.

Screen construction: Standard optional screen shall be a half screen. The screen rails shall be extruded of aluminum with all corners keyed.

The screen frame shall be fitted with 18 x 16 mesh rewirable charcoal fiberglass screen cloth or aluminum screen wire by a flexible spline. Extruded aluminum screen rail

Hardware: Each sash shall be equipped with two block and tackle balances that can be fully removable without the use of tools. Sash lock shall be finished either white or black and fastened at the lock rail by two self-tapping screws.

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 glass units, obscure wire, clear wire, frosted, Low-E, Argon filled Low-E and special tempered glass can be used. Full screen, field mulled or factory mulled units, and oriel windows are available. Double lock, two tone and custom colors are available.

Stainless steel 18-8, non-magnetic, 1-1/4" long screws for frame and sash, white-bronze sash lock or cam lock (with nickel and copper) are available for HPD job.