

ALUMINUM REPLACEMENT WINDOW DOUBLE HUNG TILT

Product Series Number:	CTD-6000	AAMA Rating: HC-65
Applications:	Heavy Duty Commercial, Normal Duty Commercial	
Frame Depth:	4-1/4"	
Glass Unit Thickness:	1"	
Dimension Limitation:	Minimum:	W=13" H=20"
	Maximum:	W=60" H=96"

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. Both sashes shall tilt in for cleaning exterior glass surface.

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 extrusion of 0.125". Jambs, head, mullions, stiles and rails shall have 0.062" wall thickness. Rails shall be tubular profiles.

Frame construction: Frames shall have integral screen tracks. All corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. Frame depth shall be 4.25". Sill shall be sloped to aid water run-off.

Sash construction: All sash corners shall be coped and butt-joined and mechanically fastened with two stainless screws per corner. Full-length continuous integral handles on both sashes shall be rounded at their corners. All horizontal rails shall have overlap. The top sash has an extruded aluminum snap lock to prevent the top sash from opening during normal operating. Both sashes shall be held with side jambs by two sets of anti bow pins when they are closed.

Glazing: Both sashes 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. Both

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

Screen construction: Standard 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.

Hardware: Each sash shall be equipped with two ultra lift or spiral balances. Sash lock shall be cam type and made with white bronze. The use of concealed zinc tilt latch with custodial operators prevents unauthorized tilting of window 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: True muntins, applied, and between-the-glass grids (Colonial, Georgian, and Diamond aluminum 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. Frame with 2½ exterior flange, full screen, field mulled or factory mulled units, and oriel windows are available. Two tone and custom colors are available. White bronze spring catches can be applied on top and bottom rails.