

SERIES 6125 ALUMINUM PROJECTED WINDOW SYSTEM TECHNICAL SPECIFICATIONS

GENERAL:

Aluminum Projected Window System shall be manufactured with a poured in place thermal break construction and shall be Series 6125 as manufactured by Lockheed Window Corp., Route 100, Pascoag, RI 02859.

Operable units shall meet or exceed designation AP-AW 70 by AAMA/NWWDA 101/I.S.2-97. Fixed units shall meet or exceed designation F-AW-70 as designated by AAMA/NWWDA 101/I.S.2-97.

MATERIALS:

Aluminum shall be of commercial quality for window construction. All extruded sections shall be of 6063-T5 alloy and temper.

MAIN FRAME AND FLUSH VENTILATOR:

All main frame and flush ventilator members shall be constructed of hollow tubular extrusion with a minimum wall thickness of .125". All corners shall be hydraulically crimped and epoxy welded. All joints shall be sealed with a small joint sealer to provide a watertight joint. All window sections located beneath operating vents shall be equipped with baffled weeps to provide drainage for water.

Cross rails and muntin bars shall be coped and mechanically fastened at the abutting frame sections.

WINDOW HARDWARE:

All hardware components shall be of heavy duty stainless steel or white bronze. Operable ventilators shall be equipped with two (2) heavy duty four (4) bar stainless steel hinge assemblies with a solid steel adjustable friction shoe.

Standard locking hardware shall consist of cam locking handles of white/bronze and secured with stainless steel fasteners. Operable ventilators shall have one cam handle, except that window widths exceeding 26 1/8" shall have two cam handles, located at approximately quarter points.

GLAZING:

1" thick hot melt butyl single seal insulated glazed consisting of two (2) pieces of clear annealed 1/8" glass. All glass shall be set on pre-shimmed self-adhesive glazing tape of the appropriate thickness to securely seal glass to frame.

All glass shall be inside bead glazed and cushioned with an EPDM bulb. All glazed components shall be exterior cap sealed with a continuous bead of silicone seal.

GLAZING: (optional)

Can be glazed with 1 1/2" or 2" thick insulated glass. Can be dual glazed – "Vandal Resistant Glazing".

PANELS: (optional)

Can be glazed with 1", 1 1/2" or 2" thick panels.

SCREENS: (optional)

Screens shall be manufactured from extruded aluminum with corners mitered and crimped with aluminum corner keys with a minimum wall thickness of .050" in the same finish as the window system. Screen wire shall be charcoal black fiberglass and securely held in place with an extruded screen spline. All project-in window screens shall be of the flat (non-wicket) type and shall be fastened from the exterior. All project-out window screens shall be of the sliding wicket type and shall be fastened from the interior. Wicket screen bottom and top track available in black finish only .

MUNTINS (GRIDS): (optional)

Interior aluminum roll formed flat muntin 5/8" x 1/8" sealed between insulated glass. Muntin finish shall match window finish, except that muntins are not available with clear anodized finish windows.

ACCESSORIES: (optional)

All accessory items including 1" snap mullion, three (3) piece mullion, two (2) piece receptor, various interior snap trims and clips, and standard box panning shall be of extruded aluminum. Aluminum accessories shall have a nominal wall thickness of .062" with the exception of the box panning which shall have a wall thickness of .078" and mullions which shall have a wall thickness of .093". All exposed accessory shapes are finished to match the windows.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

FORM #801
Rev. 2/07