

SPECIFICATIONS

SERIES 540 DOUBLE/SINGLE HUNG OPERABLE IMPACT LOUVERS

1. **GENERAL**

Single/Double Hung windows with solar control louvers as shown in the architectural drawings shall be Series 540-S as manufactured by SOL-A-TROL Aluminum Products, Miami Fla. and shall meet or exceed AAMA specifications for DH-HC-75. Tested to TAS 201, 202, and 203 at +/- 75 PSF design pressure 48" x 96" unit size

2. **MATERIAL**

Extruded aluminum 6063-T6 (Alloy and Temper)

3. **CONSTRUCTION**

FRAME: The window frame shall be .078" thick, 5 ½" deep.

SASH: All sash members shall have a minimum thickness of .062" tubular horizontal sections with continuous lift.

4. **HARDWARE**

LOUVERS: Operators shall be white bronze locking ¼ turn cam handles allowing louvers to remain stationary at any position, automatically locking in closed position.

SASH: Balance with take out sash system, which shall hold sash stationary at any position and allow removal from frame without the use of tools. Spring-loaded lock shall lock sash in closed position.

5. **WEATHERSTRIPPING**

SASH: Double weatherstripping located inside and out of full perimeter using pile with fin.

FRAME: Continuous stainless steel compression type between jamb and louver clip.

LOUVER: EDPM flap in keyway at the top of each louver and at keyway in sill. (Optional)

6. **LOUVERS**

Extruded aluminum with an L-shaped structural leg running the full length of the louvers which are 4" deep and have a minimum wall thickness of .062". Optional louvers are of double tubular construction and large missile impact resistant. Clips retaining louvers shall be formed from 5005-H34 aluminum .051" thick and fastened to louvers with pop-rivets or stainless steel screws into pre-punched holes.

7. **FINISHES**

Electro-statically applied baked enamel to meet AAMA 2603.

Clear Anodized.

Dark, Bronze, Medium Bronze or Light Bronze Anodized

Electro-statically applied baked enamel to meet AAMA 2605, 70% PVDF "Kynar"

8. **GLAZING**

Standard Glass is ¼" Tempered, Optional is ½" Insulated Tempered and held in place with extruded snap-in type glazing bead.

9. **SCREENS**

Standard screens shall be roll formed aluminum box frame fitted in pockets in frame. Optional screens shall be extruded box frame. Screen frame shall be screened with 18 x 16 mesh charcoal fiberglass screen cloth