

7700 Series Hurricane Guard™ Single Hung Window

The traditional single hung window offers reliable Hurricane Guard™ protection and safety, along with terrific value.



Features and Benefits:

Block and tackle balance for easy vent removal.

Bottom sill latch eliminates possible accessibility conflict.

Extruded aluminum snap-on glazing bead provides a strong, clean and neat appearance.

Tubular horizontal rails reduce bowing.

Single plane weathering eliminates gaps that permit air leakage.

Fin-seal provides highly efficient weather-stripping.

Recessed jamb installation holes so screw heads won't interfere with balance travel.

Vent lift rail provides ease of grasping vent

Sill riser and vent rail are both weathered providing the most efficient defense against air and water penetration.

Profile extruded aluminum muntins have a pleasing appearance that match muntins on our other impact products.

Frame depth is 2 5/8" making it a practical depth to match most commonly available wood bucks.

Specifications:

Maximum Size	53 1/8" x 74 1/4"
Maximum Design Pressure	80 PSF
Glass Thickness	5/16" or 7/16"
Glass Components	Per Product Approval
Muntin	Profile Exterior/Flat Interior
Frame Color	White; Bronze
Frame Depth	2 5/8"
Miami-Dade County Notice of Acceptance – Refer to Lawsonwindows.com	



Impact Resistant Windows & Doors by **Lawson**

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General Information

Single hung window shall be 7700 Series as manufactured by Lawson Industries, Inc., Medley, Florida USA and shall conform to A.N.S.I./A.A.M.A. standard 103.3-93, for DHC 47, A.A.M.A. 1302.5-76 for forced entry resistance, and F.B.C. TAS-201, TAS-202 and TAS-203.

Construction

All window members shall be of commercial quality 6063 aluminum to T5 and T6 temper. All frame members shall have a minimum dimension of 2 5/8", cut and fabricated to form a tight butt or telescoped joint. All frame corners shall be joined by two #10 sheet metal screws. Horizontal meeting rails shall be of tubular construction, and attached to verticals with two sheet metal screws per joint. Vent rails shall also be of tubular design, and contain integrally extruded lift rails. Vent sill rail shall be fitted with weathering bulb vinyl to seal sill to intermediate riser of sill. Weathering sill shall also contain polypropylene pile with transparent vinyl fin. Each vent rail shall contain two 3" long spring loaded claw latches that engage with full-length lip to provide positive, secure latching.

Finish

Exposed aluminum shall be coated with an electro-statically applied organic finish meeting the performance requirements of A.A.M.A. 603.5 for pigmented coating. Coating shall have minimum of 1.0 mil dry film thickness in a white or bronze color.

Hardware

Sash shall operate on block & tackle, springs and pulley balances, which are concealed from view during vent operation. Sash shall be removed from the interior for glass cleaning, when vent is in take-out position only.

Muntins

When specified tubular aluminum exterior muntin and flat interior muntin shall be applied to glass in multitude of standard and custom configurations.

Glazing

All frame and sash members shall accommodate annealed laminated glass in nominal thickness of 5/16". Glass color shall be as specified. Optional heat-strengthened glass is available upon request. A variety of glazing compounds shall be used to structurally adhere glass in its pocket. A snap fitted aluminum glazing bead containing a compressible vinyl bulb shall be factory applied from the exterior to con seal, and protect the glazing pocket.

Insect Screen

All half screens shall be of rolled aluminum tubular profile, and can be applied from the interior without using tools. Screens shall be held firmly in place by integrally extruded stops in sill, and meeting rail. Mesh fabric shall be 18" x 16" dark grey fiberglass. Mesh shall be resplindable with plastic material.

Lawson reserves the right to modify product without first giving notice, and bears no liability for product changes.



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