

SERIES 900

Sliding Window, Commercial

Thermally Improved Prime Replacement Windows



DETAILS

Utilizes complete Thermal Break sash and master frame for optimal insulating value

Features 7/8" clear insulating glass

Fixed lite glazed to master frame for reduced air infiltration

Dual assembly screws at sash corners for added strength

Tandem rollers on each sliding panel to enhance smooth operation

Tank Sill for improved water performance



UNIVERSAL
Window and Door

2-lite, 3-lite Sliding Windows Rated Commercial Thermally Improved

Performance

Structural Rating:
HS-C-65 @ 71" x 59"

Uniform Structural Load:
97.5 psf

Water Resistance:
@ 9.75 psf: No Entry

Air Infiltration:
@ 1.57 psf: .20 cfm

U value/conduction @ 0 mph:
.50

Condensation Resistance Factor:
53

Options

Glass:
Low-E, Soft-Coat, Solar Control, Argon, Tempered, Obscure, Wire or Spandrel

Wrapping Systems:
Exterior Panning Systems
Interior Trim Systems

Receptor Systems
Flange Frame
Head Expander and Sill Angle

Nailing Fin
Finishes:
Special finishes and custom architectural finishes are available

Screens:
Child Guard Screen
Vandal Screen
Standard Screen (Fiberglass)
Internal, External and Interior Grids



Specifications

General: Series 900 windows (Thermal Barrier Single-slide) are designed to meet or exceed AAMA performance requirements both thermally and structurally. This window carries a thermal rating, and the AAMA/NWWDA 101/1.S.2-97 structural rating of HS C-65.

Finish: The standard finishes are acrylic white, black, bronze, green or beige, electrostatically applied and baked-on acrylic finish. Other architect specified finishes may be available at an additional cost.

Material: The aluminum used is of commercial quality 6063-T5 alloy, with a minimum ultimate tensile strength of 22,000 psi, free from defects impairing strength and durability. Series 900 windows feature standard wall tolerances as defined in the Architectural Aluminum Manufacturers Association Master Specifications for Aluminum Windows HS C-65. They utilize a urethane thermal barrier material as a separator in conjunction with rigid vinyl adapters to complete the thermal barrier separation.

Glazing: Operable sash glazing is a heavy, vinyl wrap-around "marine" type, and dead panel is tape/bead glazed to satisfy a good glazing condition between metal and glass. The primary glazing is for 7/8" double glazed to assure the best thermal barrier insulation.

Spacer: Edgetech's Super Spacer® contains NO-Metal and is one of the most thermatically efficient IG spacers available today. Super Spacer® reduces seal-ant stress while improving heat flow resistance, glass surface temperature, condensation resistance and sound absorption. Super Spacer® is the only poly-mer foam, NO-Metal warm edge spacer.

Hardware: Inside rolling panels are equipped with spring type locks that strike side jambs for positive automatic locking. Optional "oversized" handles are available. The vent sash rolls on tandem stainless steel, self-lubricating axles with bronze wheels, held in place by a two-position, rust-proof housing.

Screens: The screen channel design in the Master frame allows the use of a half-screen. 18 x 16 fiberglass mesh is attached to the screen box frame by a spline lock in the screen channel. WARNING: Insect screens are intended to provide reasonable insect control, and are not intended to provide for the retention of objects or persons from the interior.

Frame / Sash: Master frames and sashes have dual-screwed overlap joints. Master frame head, sill and jambs are designed to receive stacking condition by way of thermal break mullions. (Note: All metal-to-metal joints must be back sealed in the field if the windows are field mullied.) Master frame sill is of "Tank Sill" design for high water performance rating.

Weatherstripping: The weather seals provided are of polypropylene pile with fin seal. Fin seal type weather seal is used in combination with bulb or rigid vinyl to achieve maximum weather tightness.