



500 Series Features and Benefits

Product Features	Benefits
<i>Over 60 years of experience</i>	Industry leader in storm window manufacturing, design and technology.
<i>Ability to size to 1/16 of an inch</i>	Custom made to fit the opening. Built to project specifications and design.
<i>6063-T6 tempered prime billet aluminum</i>	Handles greater wind loads, over 45% more tensile strength than T-5 and superior uniformity of finish. Will not break, crack or warp like vinyl extrusions.
<i>Standard and custom paint colors</i>	Covers aluminum with a clean, protective finish. Will not oxidize, pit, corrode or rust.
<i>Standard and custom anodized finish colors</i>	Penetrates into aluminum for a lasting finish. Will not oxidize, pit, corrode or rust. Does not discolor or darken like ordinary mill finish. Smoother surface for less friction, easier operation.
<i>Self-storing</i>	Eliminates seasonal changing of storms and screens. Provides ventilation when your desire. Sash easily removable to the inside for cleaning.
<i>Coped and butt frame corners</i>	Tighter, stronger joints than mitered joints. Tubular frame sections for additional strength. Allows narrower sight lines for a better view.
<i>Non-magnetic, stainless steel assembly and installation screws</i>	No cathodic reaction between aluminum and other construction materials. Screws will not discolor.
<i>Extruded upper sash pocket</i>	Holds upper sash firmly in place. Reduces potential air leakage around sash.
<i>Fin seal weather-stripping in extruded frame port</i>	Offers long life and tighter fit. Provides a positive seal to help reduce air leakage. Will not wear like weather-stripping attached to operating sash as found in most storm units.
<i>Molded nylon support blocks</i>	Safely and securely supports upper sash. Much stronger than vinyl.
<i>Virgin vinyl, ratchet action jamb liner with ventilation settings every two (2) inches</i>	Acts as gasket separating metal-to-metal contact. Automatic ventilation positions at every two inches. Fixed locking when in closed position for security.

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<i>Positive interlock at sill</i>	Lower sash remains snug under high wind pressure. Greater strength to reduce air and water leakage.
<i>Effective weep hole system</i>	Allows water to drain to outside. Helps protect wood sill from rotting.
<i>Clear 1/8" double strength (DSB) glass</i>	Stronger than single strength as used in most storms. Reduces risk of accidental breakage.
<i>Optional 3/16" and 1/4" glazing thickness</i>	Glass available includes Low E, tinted, tempered safety glass and laminated glass.
<i>Wrap-around glazing</i>	Provides continuous cushion to help protect glass. Spline will not shrink at corners like "set-in" glazing.
<i>Reinforced, stainless steel corner keys</i>	Prevents insert corners from separating. Allow deglazing to replace broken glass.
<i>Nylon glide buttons</i>	Locks upper corners of lower sash to mainframe. Less friction and more strength than metal glides.
<i>Extruded T-6 interlocking meeting rail</i>	Positive interlock reduces air leakage between sashes. Extruded permanent design for lasting strength.
<i>Stainless steel, spring loaded pin-locks</i>	Safety and securely holds sash for ventilation. Will not break like plastic or weaker metal devices. Surer grip and full-length lift bar for easy handling.
<i>Extruded T-6 screen frame with durable 18 x 14 fiberglass mesh screen cloth</i>	Will not easily bend or twist like rolled aluminum. Holds screen spline tight to prevent sagging. Keeps out insects. Will not bend or crease like metal screen.
<i>Pre-drilled installation holes</i>	Factory drilled for more uniform appearance. Correctly positioned to provide proper strength.
<i>Air leakage less than 0.5 CFM High sound abatement ratings</i>	Saves energy and money by reducing annoying draft. Provides effective dead air space in cavity. Tighter design acts as a barrier to outside noise. Meets new state and federal standards.
<i>Mon-Ray Ten (10) Year Limited Product Warranty</i>	Ten (10) year warranty in writing. Non-prorated - for full ten year period. Warranty automatically transfers to the new owner.
<i>Local authorized dealers</i>	Factory trained, knowledgeable and full service.