



Aluminum Windows

400 Series Features and Benefits

Product Features	Benefits
<i>Over 60 years of satisfactory performance</i>	Industry leader in 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>Interior or exterior secondary glazing system</i>	Improves energy performance up to 50%. Will not compromise the exterior historical appearance.
<i>6063-T6 tempered prime billet aluminum</i>	Handles greater wind loads, over 45% more tensile strength than T5 and superior uniformity of finish.
<i>Coped and butt frame and sash corners</i>	Tighter, stronger joints than mitered joints.
<i>Cross linked polyethylene corner gaskets</i>	Permanent seal that prevents water penetration through the sill corners into the wall system.
<i>Non magnetic, stainless steel hardware assembly and installation screws</i>	No cathodic reaction between aluminum and other construction materials. Screws will not discolor.
<i>Metal, spring loaded sash lock</i>	Provides automatic locking in the closed position.
<i>Double weather-stripped frame and interlocking meeting rail</i>	Extra weather seals to lower costly and uncomfortable air infiltration and exfiltration.
<i>3 1/4" high performance tubular sill with continuous slope to the exterior</i>	Prevents wind driven rain from overflowing the sill into the building. Keeps the water from deteriorating Thermo-Barrier sealants.
<i>Hollow sill with counter balanced, gravity operated weep flaps</i>	Allows water out while keeping air, noise and insects from coming in through the weep system.
<i>Multiple glazing options</i>	Any conventional type of glazing can be used.
<i>Extruded screen frame with fiberglass, aluminum or stainless steel screen cloth</i>	Designed for heavy-duty commercial applications.
<i>Extruded exterior panning and interior snap-on and drive-on trims</i>	Panning interlocks securely onto the window frame eliminating exterior perimeter sealant. Interior trims conceal all fasteners. Variety of profiles available with the ability to extrude custom shapes.

400 Series Features and Benefits Features

Product Features	Benefits
------------------	----------

DeVAC 430 - Fixed Panel

<p><i>Glazing thickness from 1/8 inch to 1 1/4 inches</i></p> <p><i>No exposed fasteners</i></p> <p><i>Accommodates mechanical venting</i></p>	<p>Flexibility for acoustical or insulation performance.</p> <p>Snap-in stops that maintain 4 to 6 lb. edge pressure.</p> <p>Ability to insert A/C units and vents.</p>
---	---

DeVAC 440 - Removable Panel

<i>Secondary glazing for fixed windows</i>	Easily removes for cleaning of fixed glass.
---	---

DeVAC - 450 Glider

<p><i>Raised sill tracks</i></p> <p><i>Heavy-duty nylon glides</i></p> <p><i>Stainless steel rollers (Optional)</i></p> <p><i>Exterior safety flange</i></p> <p><i>Sash restrictors (Optional)</i></p> <p><i>Keyed security locks (Optional)</i></p> <p><i>Pole operated sash locks (Optional)</i></p>	<p>Window sash operate with less friction.</p> <p>Eliminates metal-to-metal contact. Will not score sills.</p> <p>Minimizes operating force of large sash.</p> <p>Prevents the sash from being removed to the exterior of the building.</p> <p>Limits the sash operation for security.</p> <p>Controls sash operation for maximum security.</p> <p>Allows for operation of high windows.</p>
---	--

DeVAC 460 - Double Hung

<p><i>Stainless steel nylon housed pin-locks</i></p> <p><i>Block and tackle sash balancing (Optional)</i></p> <p><i>Sash restrictors (Optional)</i></p> <p><i>Keyed security locks (Optional)</i></p> <p><i>Pole operated sash locks (Optional)</i></p>	<p>Easy to grip. Provides preset ventilating positions with "dead bolt" action security locking. Eliminates the danger of free falling sash.</p> <p>Assists the lift weight of sash over 20 lbs.</p> <p>Limits the sash operation for security.</p> <p>Controls sash operation for maximum security.</p> <p>Allows for operation of high windows.</p>
--	---

DeVAC 470 – Hopper Window

Inward opening sash	Provides fresh air and ventilation.
Stainless steel 4 bar hinge	High strength with easy operation for ventilation.
Pole operator lock standard with optional cam handle operation	Easy to open while allowing operation of high windows.
Cam applied full screen	Prevents insect from entering the building.

DeVAC 480 – Awning Window

Outward operation sash	Does not open into the room while providing fresh air and ventilation.
Roto operator standard with optional cam handle operation	Easy operation for ventilation.
Glazing size for 1/8" to 1" insulated glass	Flexibility in thermal performance of the window.
Double weather-stripped sash	Provides a tight seal from the elements.