

## Features

AAMA Rated (R20)  
3/4" Glazing  
2 3/4" Frame Depth  
Fusion Welded Frame & Sash  
Steel Sash Stiffeners  
Multi-Chamber Frame  
Anti-Lift  
Block & Tackle Balancers

### Options:

Flat Grids  
Sculptured Grids  
Leaded Glass  
V-Groove Glass  
V-Lite Glass

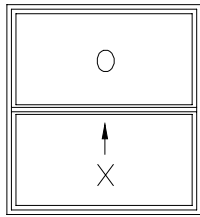


## Single Hung Window

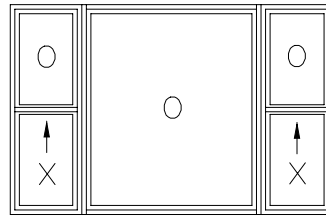
The Single Hung Window is the premier Crown Series Window. This product gently glides vertically providing ventilation. The upper sash is fixed and the vent sash can be removed for cleaning and maintenance purposes. The single hung window is available in dual glaze, with specialty glass options to include leaded or V-groove glass.

*Ask your Architectural Representative for more information.*

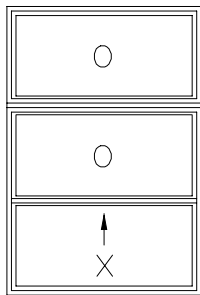




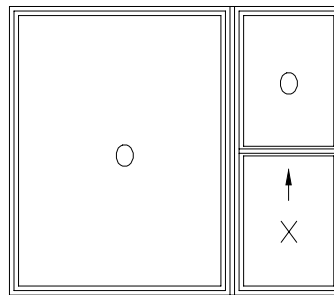
1/1 Single Hung



1/1 by PW by 1/1

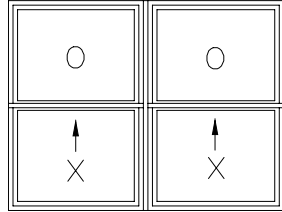


PW over SH

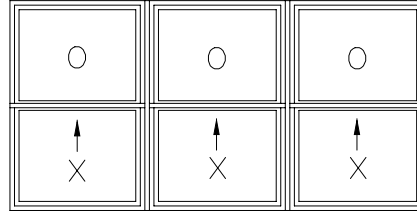


PW by SH

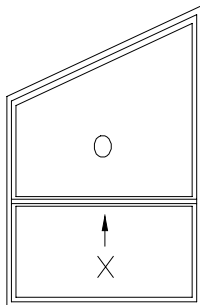
Configuration



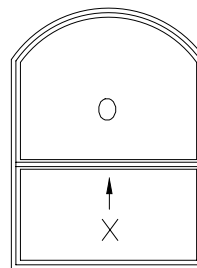
Twin 1/1 by 1/1



Triple 1/1 by 1/1 by 1/1



Rake Top SH



Arch Top SH

Egress Formula: 1/1 **Opening Width** =  $NFW - 2 \frac{3}{4}''$  Must be greater than 20"  
**Opening Height** =  $NFH / 2 - 4 \frac{1}{2}''$  Must be greater than 24"  
**Square Footage** =  $OW * OH / 144$  Must be greater than 5.7 Sq. Ft.

## Glazing Materials

Our insulating glass units are manufactured using PPG's patented INTERCEPT® warm edge technology. This process incorporates a thin metallic spacer between the glass panes that results in a higher energy performance, especially around the perimeter of the glass, giving it a "warmer edge." We also utilize HB Fuller's Thermo Seal® hot melt butyl, which has a very low MVTR and has been tested to exceed the performance requirements for CBA level under ASTM E773/E774.

## Nail-on Fin

IWC uses a 1" nail-on fin that is pre-punched for easy installation. Fin set backs are available in 1 3/8" for use with power wall stucco systems and 1" for conventional three coat systems.

## Weeping

IWC utilizes a weep door that allows moisture to escape and helps to prevent dust from being blown back into the window.

## Vent Panels

Our vent panels have self tightening interlocks that lock with the fixed panel to create a tight seal against air and water.

## Block & Tackle Balance System

IWC utilizes a block and tackle balance system for all Single Hung windows. This type of system is the most dependable system on the market and insures that your windows will be easy opening and smooth operating for years to come. These carefree balancers need no adjustment or winding and allow the greatest egress available in the industry.

## Locking Mechanism

Standard on all IWC windows is our exclusive positive action lock system. When the window closes, the lock engages and "snaps" into place. You know

your window is secure. This lock also allows for one finger operation that is great for handicapped and elderly use.

## Weatherstripping

IWC uses finseal woolpile weatherstrip around the full perimeter of the panels to ensure an unbroken seal against the weather.

## Screens

Screens are made of rigid aluminum and solid plastic corner pieces. All screen frames match the color of the window frame. Plastic pulls are located on the inside of the screen for screen removal. The screen material is a strong fiberglass mesh that is durable and easy to replace.

## Royal Technology™

All IWC windows feature only Royal Dura Technology™ premium extrusion. Royal Technologies is North America's leader in custom profile extrusion and has been an innovator in the profile extrusion industry since 1970. This attribute gives us the advantage by insuring that our products outperform in reliability and performance.

## Options

Glass- Let your imagination be your guide with our multitude of glass possibilities. If you have a question, feel free to contact your architectural representative anytime. We're here to help! Grids are available in flat and sculptured and may be used in a variety of designs.