

### Features

AAMA Rated (C30)  
4 1/2" Frame Depth  
Dual & Triple Glazed  
Fully Welded Frame and Sash  
Multi-Chamber Frame  
Aluminum Sash Stiffeners  
Block & Tackle Balancers

#### Options:

Sculptured Grids  
Flat Grids  
Leaded Glass  
V-Groove Glass



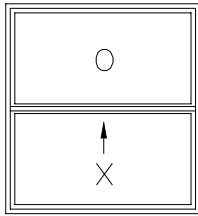
## Single Hung Window

The Single Hung Window features three moveable panels that glide vertically. The upper interior sash glides down to allow access to the inside of fixed exterior sash for easy cleaning. The dual handles aid the ease of operations, while the thumb locks ensure the safety.

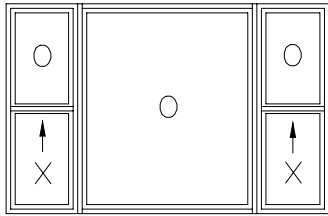
*Ask your Architectural Representative for more information.*



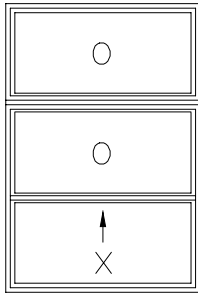
Configuration



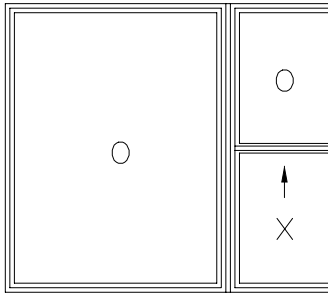
1/1 Single Hung



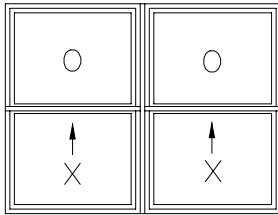
1/1 by PW by 1/1



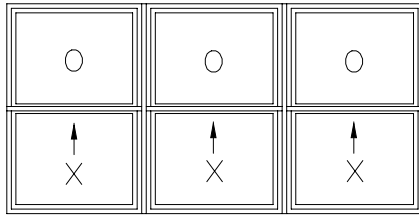
PW over SH



PW by SH



Twin 1/1 by 1/1



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

Egress Formula: 1/1 **Opening Width** =  $NFW - 3 \frac{3}{4}''$  Must be greater than 20"  
**Opening Height** =  $NFH / 2 - 4 \frac{13}{16}''$  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

All 9300 acoustic window include a mortise recessed lock system with a thumb turn for easy operation. This lock has been tested to rigorous security standard that meets or exceeds all local jurisdictions. The mortise lock has a hold open position to prevent "lock out".

## 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.