

### Features

- AAMA Rated (C30)
- 3/4" Glazing
- 2 3/4" Frame Depth
- Fusion Welded Frame & Sash
- Steel Sash Stiffeners
- Multi-Chamber Frame
- Casement/Awning Haft Operator
- Vertical/Horizontal Sash Hinge
- Fiber Mesh Screen

#### Options:

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

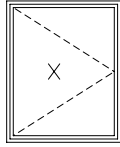


## Casement & Awning Window

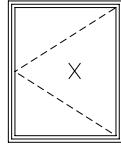
Add personality to your home with the Crown Series Casement and Awning Windows. Uses Truth's Maxim operator system to open and close the window, casement windows open from the side while awning windows open from the horizontal sill position providing ventilation.

*Ask your Architectural Representative for more information.*

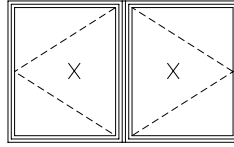




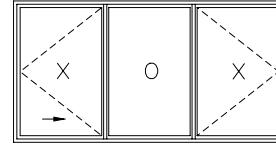
Type "CR"



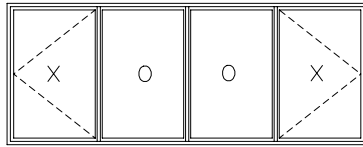
Type "CL"



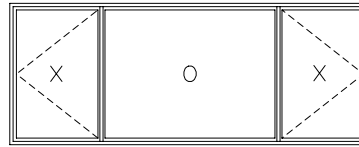
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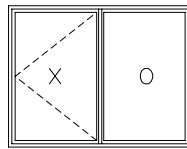
Type "3C"



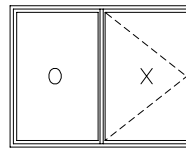
Type "4C"



Type "M" (1/4 Vent)



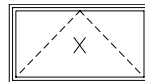
Type "EL"



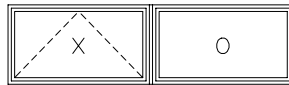
Type "ER"

Configuration

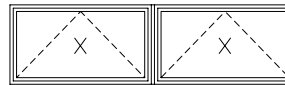
Awning



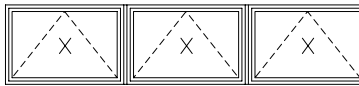
Type "A"



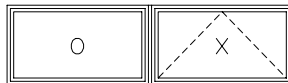
Type "AL"



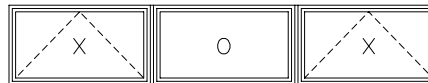
Type "2A"



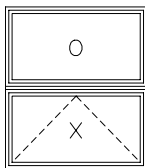
Type "3A"



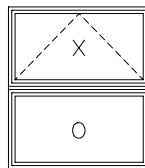
Type "AR"



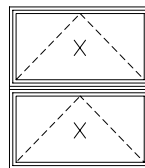
Triple A by O by A



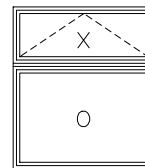
Type "HB"



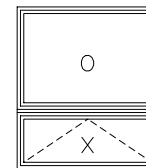
Type "HT"



Type "P"



Type "KT"



Type "KB"

Egress Formula: CA Opening Width =  $NFW - 9 \frac{1}{4}"$  Must be greater than 20"  
 Opening Height =  $NFH - 5 \frac{1}{2}"$  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.

## Weatherstripping

All Crown casement windows incorporate an integral soft vinyl in the frame and sash that forms a triple seal barrier against weather. This triple seal is instrumental in achieving a 4 1/2 PSF water test.

## Screens

Screens are made of rigid extruded aluminum and solid die-cast corner inserts. The screen is flush to the interior giving a finished look to your window. The screen mesh is a strong durable fiberglass mesh that is easy to replace.

## Operator

The 5300 Series features a unique rear-mounted sash operator that provides smooth, continuous control of casement and single vent awning windows. The dyad, or two-linked design, provides smooth operation for windows with Truth's concealed casement hinges.

## Hinges

The 5300 Series Casement window features hinges that provide tamper resistant and beautiful sight lines to our windows. The sash and support arms are made from heavy gauge steel to give extraordinary sash weight capability.

## Locking Mechanism

All casement & awning windows feature a high-pressure zinc die-cast locking handle and housing. The locking cam is designed with a slight taper to its nose to improve keeper engagement and produce a smoother locking action. Locking mechanisms have a phosphate coated, electrostatically painted baked enamel finish for added durability.

## 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.

