

# CASCADIA WINDOWS

## Description

The 300A Series matches our 300 Series (Tilt-N-Turn) windows, but offers outswing casement or awning operation. It integrates with 300 Series and 400 Series windows, as well as 301 and 302 Series doors, or can be used in other combinations.

## Standard Features

These standards represent the quality and product features for all Cascadia windows and doors. Each product is then custom manufactured to project-specific design criteria; upgrades are available for even higher performance.

**Glazing Units:** IGU's are installed from the exterior side.

- Standard IGU: Cardinal LoE<sup>2</sup> 270® All climate Solar Control. More efficient glazing units also available.
- Sound Transmission Class: STC ratings for glass only will range from low 30's to low 40's.
- Low conductivity stainless steel edge spacer.
- Dual edge seal (PIB and Silicone).

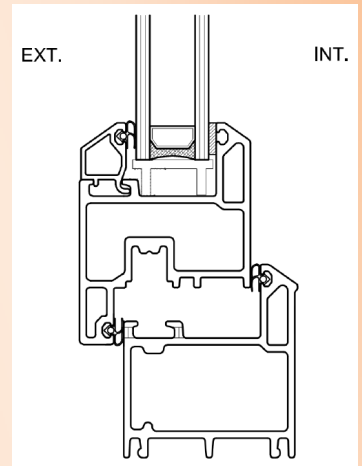
**Finish:** Hydro Tuff® waterborne 2-part acrylic coating available in 9 standard colours, and virtually any custom colour.

**Joint Construction:** Joints are miter cut and mechanically fastened together with shear blocks. Continuous bead of silicone sealant along joints. All fasteners are stainless steel.

**Installation:** Our preferred installation method is a combination of extruded aluminum clip anchors along the window head and jambs with a back dam angle at the sill. This allows for units to be installed from the interior or exterior. Traditional nail flange attachment is an option.

**Options:** Grilles, simulated divided lites, trickle vents (to meet Seattle ventilation requirements), motorized actuators, pole-type manual operators, etc.

## 300A Series



### DOUBLE GLAZED THERMAL VALUES :

U-Value	0.27 – 0.28
R-Value	3.57 – 3.70

### TRIPLE GLAZED THERMAL VALUES:

U-Value	0.16 – 0.21
R-Value	4.76 – 6.25

### AIR LEAKAGE RESISTANCE:

Fixed	0.001 cfm/ft <sup>2</sup> (Fixed)
Awning	0.064 cfm/ft <sup>2</sup> (A3)
Casement	0.021 cfm/ft <sup>2</sup> (A3)

### WATER LEAKAGE RESISTANCE:

Fixed	15 psf (730 Pa)
Awning	15 psf (730 Pa)
Casement	15 psf (730 Pa)

### DESIGN WIND PRESSURE:

Fixed	30-50 psf (1440-2400 Pa)
Awning	35 psf (1680 Pa)
Casement	35 psf (1680 Pa)

### NAFS-08 & 11 PRIMARY DESIGNATORS:

CW-PG50-FW – 72" x 60" (1830 x 1520 mm)
CW-PG30-FW – 144" x 60" (3640 x 1520 mm)
CW-PG35-AP – 48" x 84" (1230 x 2130 mm)
CW-PG35-C – 48" x 84" (1230 x 2130 mm)