

CASCADIA WINDOWS

Description

The 300 Series features European style dual action casement and tilt-&-turn operable vents. Flexible configurations, excellent water penetration resistance and multi-point locking make it one of our most popular window choices.

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 interior side, for superior seal and ease of maintenance.

- Standard IGU: Cardinal LoE² 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).

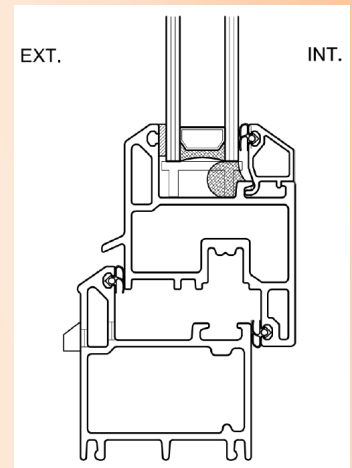
Finish: Hydro Tuff® waterborne 2-part acrylic coating available in 9 standard colours, and virtually any custom colour.

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.

300 Series



DOUBLE GLAZED THERMAL VALUES :

(for NFRC gateway sizes)

U-Value	0.27
R-Value	3.70

TRIPLE GLAZED THERMAL VALUES:

(for NFRC gateway sizes)

U-Value	0.16 – 0.18
R-Value	5.56 – 6.25

AIR LEAKAGE RESISTANCE:

Fixed	0.002 cfm/ft ² (Fixed)
Hopper	0.022 cfm/ft ² (A3)
Casement	0.010 cfm/ft ² (A3)

WATER LEAKAGE RESISTANCE:

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

DESIGN WIND PRESSURE:

(for maximum tested size)

Fixed	30 psf (1440 Pa)
Hopper	30 psf (1440 Pa)
Casement	30 psf (1440 Pa)

NAFS-08 & 11 PRIMARY DESIGNATORS:

CW-PG30-FW – 111" x 78" (2820 x 1980 mm)
CW-PG30-AP – 60" x 36" (1530 x 920 mm)
CW-PG30-DAW – 48" x 72" (1220 x 1830 mm)