



VISION PVC WINDOW BY FENERGIC

Composition: PVC frame, with exterior glazing bead. The thinnest PVC profile in the industry.
Up to 15%+ glass area.

Opening Types: casement, awning, fixed or combination.

Maximum opening: Casement: 32" x 72" (813mm x 1829mm). Awning: 52" x 42" (1321mm x 1067mm)

Materials:

In compliance with NAFS08, AAMA and the following requirements:

- White PVC frame on the inside, 5" (127mm) thick
- Integrated moulding to receive a wood blower extension, wood with a removable PVC or gypsum cover.
- Triple cold cut, with continuous primary seal, welded at all four corners.
- Sealed unit, 21mm thick for operable sashes. Energy efficient glass type LoE with argon gas between the two glasses.
- Possibility of using triple glazing in the fixed frame (non-opening)
- Stainless steel spacer in white or black.

Glass thickness according to the surface of the sealed unit.

- Light Transmission % = 81
- Light reflection: Exterior = 13% and Interior = 13
- Solar heat gain coefficient = 0.699
- Winter U-value = 0.271 (R = 3.69)

Screen: Fiberglass mesh on extruded aluminum frame. Installed inside.

Hardware :

- Multipoint lock with ramp ensuring closure by a single crank.
- Hinged operator allowing 90° opening for cleaning the windows from the inside.
- Awning operator allows 8" (203mm) opening at the bottom, easy to unhook for cleaning.
- Zamac alloy frame locks with Teflon and aluminum handle provide security and smooth operation.
- Opening restrictor, built into the opening mechanism and limiting window opening to 4" (100mm).

Color: Available in white only.

Refer to Vision Model MV for color on an exterior frame and AL13 for color on interior/exterior frames.

Options: Extruded aluminum sill, white color. Exterior extensions of different sizes, offering other depths.

Classification: (Test report)

Class CW-CP70-C Size 800 x 1500 (casement)

Positive design pressure (PC) = 3360 Pa (70.0 psi)

Negative design pressure (PC) = -3360 Pa (-70.0 psi)

Water penetration test pressure = 730 Pa (15.0 psi)

Canadian air infiltration/exfiltration level = Level A3

Class CW-CP60-AP Size 1200 x 800 (canopy)

Positive Design Pressure (DP) = 2880 Pa (60.0 psi)

Negative Design Pressure (DP) = -2880 Pa (-60.0 psi)

Water penetration test pressure = 730 Pa (15.0 psf)

Canadian air infiltration/exfiltration level = Level A3

Class CW-CP80-FW Dimension 1500 x 1500 (fixed)

Positive Design Pressure (DP) = 3840 Pa (80.0 psi)

Negative Design Pressure (DP) = -3840 Pa (-80.0 psi)

Water penetration test pressure = 730 Pa (15.0 psi)

Canadian air infiltration/exfiltration level = FiXE level

Manufacturing :

In compliance with with NFSA08 and the following requirements:

- Windows are manufactured with precision and square. Tolerance of maximum offset to 2mm.
- Steel reinforced assembly on the inside when required.
- Galvanized steel plate and anchor point.

Window Installation: (Installation recommendation)

1. Install windows in accordance with CSA-A440.4- 07.
2. Make sure they are square, square and level (window sill and interior).
3. The sill supporting the window must be the same width as the window. The sill must be sloped to give a smooth and uniform slope towards the outside; before installing and placing the window aligned and level.
4. Insulate around the window with insulating wool or urethane without distorting the window frame.
5. Caulk the joints between the windows and the sills with a highly flexible sealant