



VISION MV WINDOW BY FENERGIC

Composition: Extruded aluminum profile, mechanically assembled on the outside of the PVC frame.

Opening type: casement, awning, fixed or in combination.

Maximum opening of 32" x 72" (813mm x 1829mm) in casement, and 52" x 42" (1321mm x 1067mm) in awning
Materials:

Complies with NAFS08, AAMA and the following requirements:

- 6063-T5 extruded aluminum frame, 1.27mm on the outside.
- Extruded aluminum frame on the outside and white PVC on the inside, 6" (152mm) thick,
- 3/4" (19mm) or 1/2" (13mm) "J" 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 opening 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 bottom, easy to unhook for cleaning.
- Alloy frame locks with Teflon and aluminum handle provide security and smooth operation.
- Opening limiter, integrated into the opening mechanism and limiting window opening to 4" (100mm).

Colors Selection:

Duracron thermoset acrylic finish, by PPG:

Black, white, antique beige, commercial brown, charcoal and sandblast.

Other finish: Clear anodized.

Optional: Extruded aluminum sill, color matched to window.

Classification: (Test report)

Class R-CP75-C. Dimension 1829 x 2334 (casement and fixed combo)

Positive design pressure (PC) = 3600 Pa (75.0 lb/sq. ft.) Negative design pressure (PC) = -3600 Pa (-75.0 lb/sq. ft.)

Water penetration test pressure = 730 Pa (15.0 psi)

Canadian air infiltration/exfiltration level = Level A3

(With 1" x 3" steel reinforcement)

Class R-CP70-C. Dimension 700 x 1600 (casement)

Positive design pressure (PC) = 3360 Pa (70.0 lb/ft²)

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

Water penetration test pressure = 730 Pa (15.0 psf)

Canadian air infiltration / exfiltration level = Level A3

Class R-CP50-C. Dimension 700 x 1600 (casement)

Positive Design Pressure (DP) = 2400 Pa (50.0 psf)

Negative Design Pressure (DP) = -2400 Pa (-50.0 psi)

Water penetration test pressure = 730 Pa (15.0 psi)

Canadian air infiltration/exfiltration level = Level A3

(With 1/4" x 3" steel reinforcement)

Water Penetration Test Pressure = 730 Pa (15.0 psi)

Canadian Air Penetration / Exfiltration Level = Fixed Level

Manufacturing Compliance:

Complies with NFSA08 and the following requirements:

- Windows are manufactured with precision and square. Tolerance of maximum offset to 2mm.
- Steel reinforced assembly 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, even slope to the outside before installing and placing the window in line 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.