



## **"MARQUISE" HYBRID TILT AND TURN WINDOW SYSTEM 9500 FROM ROYAL®**

**The 9500 system is suitable for residential, commercial and institutional applications**

Composition: Multi-cavity PVC frame and sashes, clad in extruded aluminum and equipped with a multi-point locking system.

Opening type: - French window (traditional casement)  
- Bellow window (top ventilation)

### Materials:

- Mechanically assembled hybrid frame, made of a multi-cavity PVC frame and fusion welded
- Extruded aluminum profiles with a total depth of 6" (152mm)
- Mechanically assembled hybrid sash, made of fusion-welded PVC and covered with extruded aluminum profile  
Choice of sash heights: 3-1/8" (80mm) or 4" (100mm)
- One compression joint and two continuous weatherstrips.
- Sealed unit, 1" (25mm) or 1-3/8" thick, made of double or triple energy glass with argon gas between the two or three glasses.
- Glass thickness according to the surface of the sealed unit.
- Retention moulding for interior finish combining J-3/4" and J-1/2".

Screen: Fiberglass mesh on extruded aluminum frame. Installed on the exterior.

### Hardware :

- 3 to 4 point multipoint system, operated by a single handle.
- Limited bellows opening system (easy to disengage limiter) from 3" to 6".
- Friction arm system limited to 90 degree opening for window cleaning
- 2 to 3 surface hinges at the bottom of the bellows windows.

### Colors :

Duracron thermoset acrylic finish by PPG:

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

Other finish: Clear anodized.

Optional: - Optional steel reinforcement to meet CP-100 performance  
- Sill extension with removable PVC cover.

Classification: (Test Report)

CW-CP100-DAW rated size 1200x1800 (47x71)

Positive Design Pressure (DP) = 4800 Pa (100.0 psi)

Negative Design Pressure (DP) = -4800 Pa (-100.0 psi)

Water penetration test pressure = 730 Pa (15.0 psf)

Canadian air infiltration / exfiltration level = Level A3

Fabrication:

Complies with NAFS08 and the following requirements:

- Windows are precision manufactured and square with a maximum tolerance of 2mm plus or minus.
- Frame and sash and window assemblies are internally reinforced with steel where necessary.
- The assembly and anchor plates are made of galvanized steel.

Window Installation : (Installation Recommendations)

1. Install windows in accordance with CSA-A440.4- 07
2. Make sure they are square, square and level (sill and interior).
3. Install the sill the width of the window to give it a uniform slope towards the outside; place, align 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.