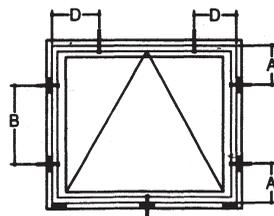
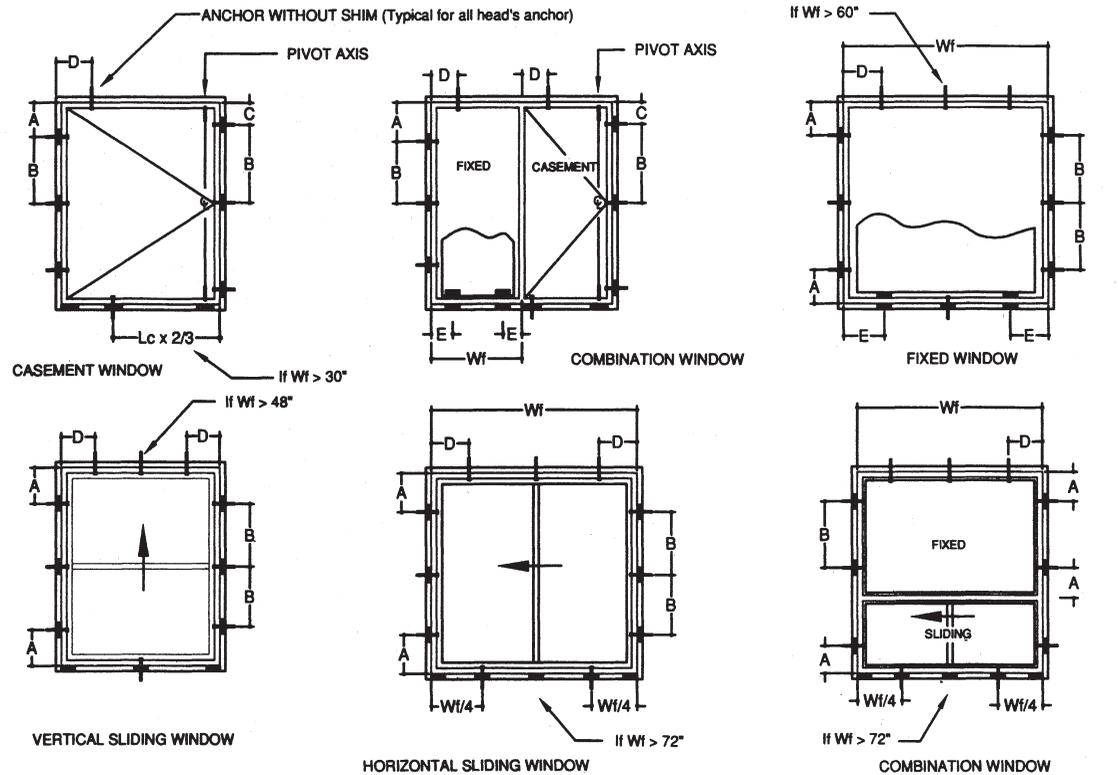


INSTRUCTIONS FOR THE INSTALLATION OF ROBERGE P.V.C. WINDOWS

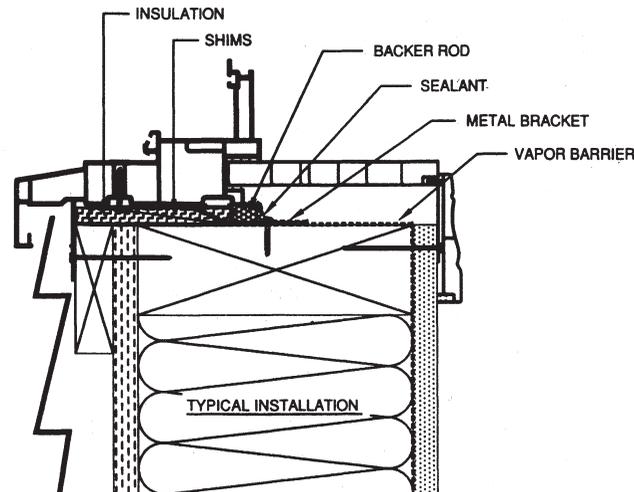
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REFERENCES AND DIMENSIONS IN ACCORDANCE WITH A440.4-98 WINDOW STANDARDS.

A	B	C	D	E	Wf
6"mini - 8"Maxi	24" MAX.	3"mini - 5" Maxi	8"mini - 10" Maxi	Wf/8 mini - Wf/6Maxi	Width Frame



AWNING WINDOW



General Requirements

To provide improved resistance to surface condensation, consideration shall be given to the placement of the window in relation to the interior plane of the wall.

Note: The location of the glass window relative to the line of the thermal resistance of the wall can affect the surface temperature of the glass and frame. Setting the unit towards the inside allows the room heat to increase the inside surface temperature of the glass and protect the exterior of the unit from the outside wind, increasing its overall thermal performance.

Window Replacement Within an Existing Wood Frame (Retrofit)

The existing frame, including cladding, if any, shall be free of decay or deterioration. The rough opening (the existing frame) shall be structurally adequate to receive sufficient fastening to securely anchor the new window under conditions of weight, wind load, environment, and use. Cracked and split wood shall be reinforced.

Frame Preparation

The frame opening shall be cleared of any obstructions or protrusions that would otherwise interfere with the installation of the replacement window. The existing frame shall be free of any burrs or splinters. All holes, cracks, or openings in the existing frame, such as openings for pulleys in double hung windows, shall be packed with insulation.

Entire Window Replacement (Complete Tear-Out)

This section applies where existing units are completely removed and new units are installed into a rough opening. The installer shall verify that the new units will fit properly into the existing opening before removing the old units, taking into consideration frame and shim thicknesses.

Note: If flashings, building paper, or other protective membranes are disturbed during the removal of the window, they shall be patched with appropriate materials so as to maintain continuity of the air, vapour, thermal, and weather barriers.

Clearances

Sufficient clearances shall be maintained around the perimeter of the unit, particularly at the head, to allow for deflection or creep of the structure and differential movements resulting from temperature and relative humidity. The following clearances shall apply to the installation of a window:

* The width and the height of the rough opening shall be between 16mm (5/8") and 38mm (1-1/2") greater than the window frame.

* The gap at the top of the window may be larger than the gap at the bottom.

Shimming

Shims shall be installed in a manner and in sufficient number to minimize deflection, distortion, or rotation of the frame or sill and to permit the proper operation of the window. Shims shall be installed and shall be maintained in accordance with Figures.

Window Placement

Windows shall be installed level, square and plumb, within the following tolerances, so as not to compromise the seals or operation of the unit. These adjustments shall be made at the time a unit is first placed into a rough opening, before any anchorage or sealing of the unit is completed.

A Frame shall be considered to be

* Level when the sill is horizontal and vertical deviation is 2mm (1/16") or less.

* Square when the overall height and width of the frame measured at midspan is equal to the average height or width ± 1 mm (1/32").

* Square when the difference between the two diagonals is < 2 mm (1/16") for a frame with an exterior perimeter < 4 m (13ft.); or < 3 mm (1/8") for a frame with an exterior perimeter > 4 m (13ft.);

* Plumb when the offset of the head relative to the sill is < 2 mm (1/16"); and warping of the frame is such that the performance or operation is not compromised.

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DOOR AND WINDOW MANUFACTURER