1. Begin by measuring the window to be replaced. Measure at three locations for width: top, middle and bottom of the window. Measure at three locations for height: center, left and right of the window. Use the smallest of these measurements to determine the width and height—additional reductions may be required for the window to be installed and level. Do not use the old window until the dimensions of the new window have been verified to fit the opening properly and you have all the necessary accessories.

b. Check opening for square by measuring diagonally. If the unit is not out of square additional cuts on the window size may not be made.

Accessories are available, but not required, from Simonton to ease the installation and finishing of the new window. When using exterior accessories such as a sill extender or snap on flange, sealant must be applied in the accessory groove of the frame or in the area just meets the head or sill. If both sides of the sash meet the head or sill at the same time, the window is square.

NOTE: When installing Left or Right Hinge Casements:

Once the window is plumb, level and square, install installation screws into the prefabricated installation holes in the jambs. Shims should be supplied by the installer. Do not over tighten jamb adjusters or screws to avoid twisting or deflection of jambs. If your windows do not have jamb adjusters then you will have to supply your own shims.

To check plumb: Place a level vertically on the interior and face of the left and right jambs. If the bubble indicator is centered, the unit is plumb, (Fig. A).

To check level: Place a level at a level. If the bubble indicator is centered, the unit is level, (Fig. B).

To check square: Measure from the top left corner of the frame to bottom right corner and from the top right corner to bottom left corner. If the measurements are equal, the window is square, (Fig. C). You can also check the squareness by closing the sash to the point where it just meets the head or sill. If both sides of the sash meet the head or sill at the same time, the window is square.

The weatherstripping may not seal properly, allowing air and water infiltration.

The partial-ventilation latch on Slider windows may drag on the center leg of the sill or be inoperative.

The locking system may not engage properly.

NOTE: Use of low expansion spray foam is acceptable as long as it meets AAMA 812 specifications.

8. After the window is secured, recheck the sash operation and the weather seals.