

# CAMBRIDGE®

## REPLACEMENT WINDOWS

This window can be installed from either inside or outside the home into an existing wood frame, an opening with frame and sash removed, or an existing metal frame.

- 1 Ensure the replacement window dimensions are correct before removing the old frames or sashes.
- 2 Place the window in opening for a trial fit. Include the head expander if one is to be used.
- 3 Check the opening for square and repair any defects before proceeding. The sill of the rough opening must be in continuous level condition to provide support the entire length of the vinyl window. Level using a continuous shim or level the sill plate itself. Use wood blocking with existing metal frames.
- 4 For head expanders, place a bead of sealant the entire length of the existing frame head. Seat the head expander in the sealant against the interior trim or stop (interior trim, if installation is from exterior) and fasten.
- 5 Cut and place fiberglass insulation along the length of the sill and along the length of the head (in the head expander, if one is used). Insulate the old balance pockets in the existing wood frame.

**IMPORTANT: Do not overpack or use spray-in type foam unless approved by Viwinco (see Viwinco.com for details).**

- 6 Apply a thin bead of sealant to the exposed edge of the exterior blind stop (interior trim, if installation is from the exterior).
- 7 Place the new replacement window in the rough opening. Raise the window head into the head expander, if used. Lower the window onto the sill against the stool and center it. Check and adjust the window for level and square (using a diagonal measurement from the top corners to the opposite bottom corners).
- 8 Firmly press the new replacement window into the sealant on the exposed surface of the exterior blind stop (interior trim if you are installing from outside the home).
- 9 The jamb adjustment screws on the window can be used to make the jamb plumb. Close the lower sash against the sill, leaving a small gap. Adjust the frame until the reveal is even from the left jamb to the right jamb along the sill. The jamb adjusters are located in the balance cavity on each jamb.
- 10 Check the window jambs for plumb and the sill for level. Check for square using a diagonal measurement from the top corners to the opposite bottom corners.



- 11 While holding the window tightly against the stop, fasten one of the upper corners of the jamb to the framing. Use the provided #8 x 2 non-corrosion type flat head screws. Shim at each fastener location. Check the window jambs for plumb and the sill for level. Check for square using the diagonal measurements described.
- 12 Be sure the reveal is even.
- 13 Hold the window tightly against the stop and secure the frame jambs by inserting a screw into each of the pre-drilled installation holes. Use at least three screws in each jamb. One screw per jamb must be installed at the meeting rails. Do not overtighten screws, as doing so may cause the jambs to bow. Shim at each fastener location.

**IMPORTANT: Do not screw through the sill; use trim or structural adhesive to secure.**

- 14 Insulate the old jamb pockets. Stuff pre-cut strips of fiberglass insulation into the gap between the replacement window and existing wood framing or rough opening.
- 15 If the installation was from the interior, the interior blind stop was removed. Apply a continuous bead of sealant to the perimeter where the interior blind stop belongs and re-install it, or replace it with a new one.
- 16 Run a continuous bead of sealant around exterior perimeter of the replacement window frame where it meets the existing wood frame.
- 17 Trim sill angle to fit. To install, snap the sill angle into the groove under the screen pocket. Apply sealant to the bottom and side edges of the sill angle trim.
- 18 Cap the exterior if necessary.

**IMPORTANT:** Viwinco will not be responsible for finishing imperfections. Viwinco will not be responsible for damage from unapproved finishes or cleaning chemicals which may cause adverse reactions to window or door materials. If in doubt, contact your local Viwinco Sales Representative. Unapproved product modifications will void all warranties. Application of after-market window films can cause glass breakage due to thermal stresses. Application of such films will void all glass warranties. Check your local building codes before installation. Local building code requirements replace these recommended installation instructions. Improper installation and care may void warranty.

**CAUTION:** Caustic or abrasive cleaners, silicone-based solvents, petroleum- or silicone-based lubricants, or insecticides on or near frame or sash surfaces may damage or discolor the PVC.

**WARNINGS:**

- Limited sash stops or nite vents are for convenience only and are not intended to provide security.
- Viwinco window and door insect screens are intended only for insect control. They are not designed as a safety barrier or to restrain children.
- Drilling through window frame or sash for security system installation will decrease the window performance.
- Safety glass must be specifically ordered. Broken glass can fragment and cause injury. Many laws and building codes require safety glass to be used under certain conditions.
- Seek advice from sealant manufacturer, EIFS manufacturer and EIFS designer when installing any product that penetrates an EIFS structure.
- The manufacturer assumes no responsibility for failure, damage or injury resulting from inadequate or improper installation, inappropriate product care, or use in applications that exceed product rating. See the product warranty for additional conditions and limitations.

**IMPORTANT:**  
Always lift vinyl windows at jambs for added safety and prevention of component damage. Do not drag. Stack no more than five windows against each other. Store windows in a near vertical position; never lay flat. Remove stretch wrap; store in a cool, shaded area. Uninstalled wrapped windows may warp in extreme heat or direct sunlight.

**CAUTION:**  
Always use appropriate assistance to lift and place large units so as to avoid possible personal injury or product damage.



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For warranty information, please visit our website at [www.Viwinco.com](http://www.Viwinco.com)

## Tilt-n-Lock

For Viwinco Brand Products

**Here's how it works:**  
The cam-lock has three positions — locked, unlocked and tilt-release. Each step functions smoothly with a positive stop.



**Locked Position**  
The sash is securely locked, and hidden tilt latches are secure in the sash channel.



**Unlocked Position**  
When you move the cam lock lever to unlock position at 150 degrees, the hidden tilt latches are securely engaged with the jamb, and you can lift the sash.



**Tilt-Release Position**  
When you move the lever to the second position at 180 degrees, the hidden tilt latches are retracted to clear the jamb channel; the sash tilts toward you easily.



NFRC LABEL