

## Getting Started

1. Verify rough opening dimensions meet requirement for your window before ordering.
2. ClearChoice Hurricane Windows (CCHW) require some assembly.
3. CCHWs are crated partially assembled in their respective frames for stability in transit.
4. If crate is damaged or suspect contents within are damaged upon delivery, prior to opening the crate:
  - a. Take clear pictures of all 5 exposed sides
  - b. Take close up pictures showing the damage on the crate
  - c. Contact customer service @ (877)427-8775.

### Parts included per CCHW

1. One (1) prefabricated vinyl window frame.
2. Four (4) vinyl glazing strips.
3. Up to three (3) preassembled glass block panels.
  - a. 24" and 40" tall windows will have a single course panel. This panel will always be the bottom section.
  - b. 16" windows will have two (2) single course panels. The panel with the spacer adhered will be the bottom panel (first panel installed).
4. DOW 1199 structural sealant (clear).
5. Two (2) to four (4) clip anchors.
6. Fasteners for frame.

### Tools needed for installation

1. Level
2. 10 oz. caulk gun
3. Utility knife
4. Rubber mallet
5. Wood shims
6. If installing into wood or metal substrate:
  - a. Drill Driver
  - b. #2 philips head bit
7. If installing into concrete or grout filled CMU substrate:
  - a. Hammer drill
  - b. ¼" masonry bit
  - c. \*High PSI concrete or grout may require a rotary hammer drill.



### Window Detail Installation Specs

\*\*\*Warning: ClearChoice Hurricane Windows have been tested and approved based on specified installation instructions and drawings provided with your order. Any deviation from this will void the warranty and possibly reduce the capability of the unit.

1. CCHWs installed into concrete or grout-filled CMU can be **no smaller than 24"x24"**.
2. For all CCHWs, maximum shim thickness at any point is  $\frac{1}{4}$ ".
  - a. This means that the rough opening can be no larger than  $\frac{1}{2}$ " greater than total frame size.
3. Window frame anchor notes
  - a. Fastener type is determined by the "Frame Anchor Chart" on page 2 of the drawings.
  - b. Each side of the frame, regardless of length, receives 3 fasteners.
  - c. Frame sides, 24" and larger have fasteners spaced 7.5" from each corner and one (1) on center on all sides.
  - d. 16" frame sides receive three (3) anchors spaced every 4".
  - e. 8" frame sides receive three (3) anchors spaced every 2".
  - f. **If Substrate is concrete or grout filled CMU, all fasteners require predrilled holes.**
4. Window panels are installed starting with the bottom panel first.

## Basic installation instructions

The drawings supplied are to be used in conjunction with the following instructions for proper installation.

### Frame Installation

1. With weep holes on sill of exterior facing side, set the prefabricated frame in existing rough opening.
2. Shim to level and plumb the window.
  - a. Shim thickness not to exceed  $\frac{1}{4}$ " on any side.



3. Using supplied fasteners, anchor frame to substrate.
4. Verify frame is still plumb and level. Adjust shim and fasteners where necessary.
5. Taking care not to shift the frame, score shim with razor and break shim flush with frame.

### 40" and taller panel window installation (3 panel units)

1. Find the panel that goes in the frame first (bottom panel). The side with the spacer is the top of the panel. The glass side will sit directly on the frame.  
\*\*\*If this is a single course panel, always carry with the spacer facing down being careful not to bend the panel.
2. Insert a clip anchor in each side of the attached spacer so they point up.



3. Place two (2) beads of DOW 1199 sealant on the inside of the frame along the bottom and two (2) vertical edges.
4. From the interior side, carefully set the bottom panel inside the frame so it rests on top of the sealant. Press the panel firmly so it sits flush against the frame.



5. Screw anchor clips into substrate with appropriate fasteners.



6. Apply three (3) beads of DOW 1199 on top of spacer of installed panel.



7. Find the panel that is marked "middle". The side with the spacer is the top of the panel. Repeat steps 2-6 for the middle panel.
8. Place two (2) beads of DOW 1199 sealant on the inside of the frame along the top.
9. Carefully place the top panel into the window frame.  
\*\*\*Note: This panel will not have a spacer adhered to it.
10. Using a rubber mallet, tap in the top glazing strip first and then the bottom glazing strip.



11. Using DOW 1199, caulk horizontal joints between the glass block panels with a 5/16" bead (inside and out).



12. Using a rubber mallet, tap the vertical glazing strips into place.



13. Caulk the perimeter of the window between the frame and substrate (inside and out).

14. Caulk the joint at the glazing strip and glass all the way around (exterior side only).



### 32" and shorter panel window installation (2 panel units):

1. Find the panel that goes in the frame first (bottom panel). The side with the spacer is the top of the panel. The glass side will sit directly on the frame.  
\*\*\*If this is a single course panel, always carry with the spacer facing down being careful not to bend the panel.
2. Insert a clip anchor in each side of the attached spacer so they point up.



3. Place two (2) beads of DOW 1199 sealant on the inside of the frame along the bottom and two (2) vertical edges.
4. From the interior side, carefully set the bottom panel inside the frame so it rests on top of the sealant. Press the panel firmly so it sits against the frame.



5. Screw anchor clips into substrate with supplied fasteners.



6. Apply three (3) beads of DOW 1199 on top of spacer of panel.



7. Place two (2) beads of DOW 1199 sealant on the inside of the frame along the top.
8. Carefully place the top panel into the window frame.  
\*\*\*Note: This panel will not have a spacer adhered to it.
9. Using a rubber mallet, tap in the top glazing strip first and then the bottom glazing strip.



10. Using DOW 1199, caulk both horizontal joints between the panels with a 5/16" bead (inside and out).



11. Using a rubber mallet, tap the vertical glazing strips into place.



12. Caulk the perimeter of the window of the window between the frame and substrate (inside and out).

13. Caulk the joint at the glazing strip and glass on the interior.



Congratulations! You have successfully installed the ClearChoice Hurricane Window. Please feel free to contact our customer service line with any comments or suggestions. You can also reach us at [melanieh@gbaproducts.com](mailto:melanieh@gbaproducts.com) or the comments page on our website, <https://glassblocksupply.com/contact/>.