

**ATTENTION: Installer please leave these Instructions with the homeowner.**

# **Zero Clearance Fireplace Enclosure For Factory Built Fireplaces Installation & Operation Instructions**

# Installation Instructions

## PARTS INCLUDED FOR INSTALLATION:

8 ea. Pressure Screws

1 ea. Allen wrench for tightening Pressure Screws

**PLEASE NOTE:** Your GMC ZC Glass Doors must be installed and adjusted correctly.

Misalignment of the enclosure frame can cause improper latching of the glass doors, glass breakage, and/or improper operation. Please read and follow the installation instructions carefully. If you do not feel confident that you are equipped to complete the installation properly please contact Fireplace Doors Online or arrange professional installation.

### If you have questions:

Please contact Fireplace Doors Online  
before proceeding with installation.

## INSTALLATION:

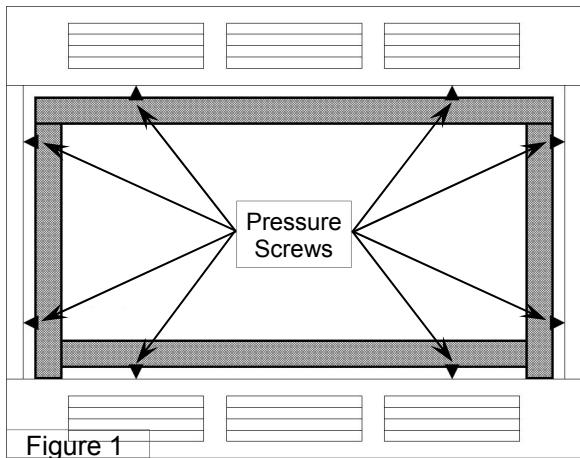


Figure 1

- Carefully remove the glass doors from the ZC ReFace Enclosure to make it lighter for installation and to help prevent damage to the glass doors and the finish.  
**NOTE:** Frameless TotalView doors are not shipped installed. They will be found packaged in cardboard inside the master shipping carton.
- Remove the optional Cabinet Mesh Screen Doors from the enclosure if they were ordered.
  - If Hanging Mesh Screens were ordered, instructions for installing them are packed with the screens.
    - The mesh screen panels will be packed flat between layers of cardboard. *Be careful not to discard the screens accidentally.*
- Set aside all of the parts removed in a safe place.
- Remove any protective plastic film from any polished metal trim or overlay material on the ZC Glass Door frame or doors if applicable.
- Start the Pressure Screws into the mounting tabs on the back side of the ZC Glass Door frame.

- Set the ZC Glass Door frame into the ZC Fireplace firebox opening.

- Check that the OEM screens (if retained) will operate smoothly with the new ZC Glass Doors installed.
  - If the OEM screens will not operate correctly contact Fireplace Doors Online to order screens to fit into the ZC Glass Doors.

**⚠ CAUTION:** Screens must be installed and operate properly on your ZC-Fireplace before lighting a fire.  
*Never light a wood fire without proper screens installed on the ZC-Fireplace.*

- Center the ZC Glass Door in the firebox opening. Tighten the Pressure Screws evenly. Don't over-tighten. (**Figure 1**)

**NOTE:** All Glass Doors for ZC-Fireplaces are engineered with air spaces around the frame and air-gaps in the glass. These air-gaps are essential to help cool the ZC-Fireplace should the glass doors be closed during operation.

**Figure 1** shows an inside fit with gaps around the perimeter of the Glass Door. Overlap style doors will have air-gaps on the sides of the frame or behind the frame. Never use insulation or sealant on ZC Glass Door installations.

**Under no circumstances should these air-gaps be tampered with or altered in any way.**

- Check that the ZC Glass Door frame is aligned level, straight, and square.

- Replace the Glass Doors. Discard the shipping hinge screws if used. Use the color-matched permanent hinge pins that are taped to the glass doors if needed. **NOTE:** Some door styles use hinges that do not need separate hinge pins.

**NOTE:** If the glass doors do not close properly or do not lay flat against the frame, the frame is most likely twisted. Loosen the pressure screws on the side of the frame opposite the glass door that is away from the frame. Move the bottom corner of the frame out until the doors line up properly. Retighten the pressure screw (s).

**NOTE:** Failure to align the ZC Glass Doors properly may result in glass breakage or other damage directly attributable to improper installation.

- Replace the CMC Mesh Screen Doors if they were ordered with the ZC Glass Door.

**NOTE:** If your are using the OEM screens that are part of the ZC-Fireplace make sure that they operate freely with the ZC Glass Door securely mounted. See CAUTION above.

# Operating Instructions

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**⚠ CAUTION:** Do not light a fire until you read and completely understand the Operating Instructions that follow. If you have any questions or concerns, please contact Fireplace Doors Online before proceeding.

## **GENERAL SAFEGUARDS:**

- Excessive heat can cause damage to the ZC Glass Doors and/or loss of temper in glass resulting in glass breakage. A very hot fire, hot coals, embers, ashes, and/or logs coming in contact with the back of the enclosure can cause discoloration or more serious damage to the enclosure finishes. This type of damage, caused by over-heating, is considered abuse and is not covered under warranty.
- Do not burn trash, construction materials, pressure treated lumber and/or railroad ties in your fireplace. The intense heat that these types of materials can produce can damage your ZC Glass Doors and the fumes from burning these types of materials can create a serious health hazard. Dry, seasoned hardwood is the recommended fuel.

**⚠ CAUTION:** CMC uses very high quality tempered glass but tempered glass is breakable like any glass. It is the operator's responsibility to read, understand, and follow all of the instructions below and to exercise due caution. The most important precaution is to keep the glass doors open when the fire is burning. The tempering process makes the glass stronger and more resistant to heat and impact but not impervious. Avoid striking the glass with logs or fireplace tools. If tempered glass does fail it breaks into small pieces. Glass pieces may fly about the area. Never sit, or allow children or anyone else to sit, close to the glass when the fire is hot. Use a protective hearth rug or other suitable non-flammable protection in front of the fireplace to protect wood floors and/or synthetic carpets. In the event that the glass should break, the resulting small pieces could burn skin or damage flooring.

## **OPERATION:**

- CMC ZC Glass Doors are designed to be used with the glass doors open and the screens closed when the fire is burning. You will get the maximum heat from your fireplace with the glass doors open. Whether you use the OEM screens that came with your fireplace or order new screens with your ZC Glass Doors, the screens must be kept closed at all times when a wood fire is burning except when loading or maintaining the fire.
- Build and maintain small to moderate wood fires. Fireplace grates and/or andirons must be properly sized to allow at least 5 inches of clearance between the fire and the ZC Glass Doors. A roaring fire, or any fire allowed to burn too close to the ZC Glass Doors, can overheat and damage the frame, glass, finish, and/or discolor the metal. Damage caused by overheating the ZC Glass Doors is considered abuse and is not covered under warranty.
- Never leave the room with both the glass doors and screens open. Under normal operating conditions the glass doors will be open and the screens will be closed. Upon retiring for the evening, or leaving the room for an extended period, the glass doors can be closed to provide maximum spark protection. Before closing the glass doors ensure that the wood fire is under control and of moderate size or smaller. The ZC Glass Doors are designed with air-gaps between the glass panels that will allow for enough air to support combustion and to help to keep the ZC-Fireplace cool. ***Never tamper with, or attempt to adjust, the air gaps between the glass panels.*** The fireplace flue damper should be left fully open. Once the fire is completely extinguished, close the fireplace flue damper and close the glass doors to minimize heat loss up the chimney.
- ZC Glass Doors used in combination with Gas Logs must have the glass doors open and the screens closed when the Gas Logs are in operation to ensure adequate air flow to the Gas Logs. The Gas Log set must be properly sized to allow at least 5 inches of clearance between the fire and the Fireplace Enclosure. Unlike a wood fire that modulates heat output, gas logs can produce a lot of heat constantly over an indefinite period of time. Burning Gas Logs with the glass doors closed can overheat the ZC Glass Doors, the ZC-Fireplace, and/or the Gas Logs and cause damage to any or all of the components. Read and follow all instructions provided by the Gas Log manufacturer.

## **MAINTENANCE:**

**⚠ CAUTION:** The ZC Glass Doors and the glass must be at room temperature before cleaning.

- Closing the glass doors to secure a dying fire may result in smoke residue or soot accumulation on the glass. If cleaned regularly this staining can be removed using glass cleaner or a mild household cleaner. Avoid cleaners that contain ammonia. Spray on, let soak for a few minutes, and wipe clean. Repeat as necessary.
- Heavier, long-term build up may require the use of a glass cleaner specifically formulated for removing wood smoke residue. These glass cleaners are available from Fireplace Doors Online. Never use oven cleaner.
- CMC uses high quality, heat resistant, Powder Coat finishes on ZC Glass Doors. This type of finish requires only an occasional wipe with a damp cloth to maintain the factory finish. A mild household cleaner may be used if necessary. Do not use cleaners that contain ammonia. Do not use harsh, strong, or abrasive cleaners.
- Polished metal parts of the enclosure (brass, copper, etc.) have a clear lacquer finish to prevent tarnishing. Wipe with a damp soft towel or dust cloth only. The use of metal polish or strong cleaners will damage the finish.

## **Five Year Limited Warranty for ZC Glass Doors**

Custom Metal Company warrants its ZC Glass Doors to be free from defects in metal materials and/or workmanship, under normal use and conditions of service, for a period of five (5) years, subject to the limitations outlined below. Glass is warranted to be free from defect in materials, under normal use and conditions of service, for a period of one (1) year, subject to the limitations outlined below. This warranty is non-transferable and is extended exclusively for the benefit of the original purchaser beginning on the original date of retail sale. Custom Metal Comp. will, at its option, repair or replace any part that fails due to a defect in materials or workmanship at no charge (exclusive of freight) subject to the limitations of this warranty.

This warranty covers repair or replacement of parts only and applies exclusively to products purchased for consumer use. This warranty does not cover damage caused by transportation and/or handling or which results from alteration, accident, misuse, abuse, or improper installation. It also makes no warranty as to maximum temperature and stresses which may cause discoloration of metal finishes, distortion of metal parts, and/or glass breakage.

This warranty constitutes the entire warranty with respect to Custom Metal Company and/or its products. Custom Metal Comp. shall not be liable for consequential or indirect damages which are caused by defects in its product, by its repair or replacement. Custom Metal Company makes no other warranty, expressed or implied, including any warranty of merchantability, or warranty of fitness for a particular purpose. Implied warranties of merchantability and fitness for a particular purpose which may arise under state law are also limited in duration to five years from the original purchase of this product. Some states do not allow such limitations, in which case this limitation may not apply. The consumer may have other rights that vary from state to state.

If, during the warranty period, a product covered under this warranty proves to be defective in material or workmanship, a claim for warranty service should be made through Fireplace Doors Online.

Proof of purchase will be required. The authorized dealer will procure replacement parts and/or contact Fireplace Doors Online if additional service is deemed necessary.

If you have questions about your product or the terms of your warranty please contact:

Fireplace Doors Online ~ 21701 RT 6 ~ Warren, PA 16365

When applying for warranty replacement, or ordering replacement parts, always specify the type of product, the color, the height, and width. Describe the damaged or defective part in detail. Please provide digital pictures if possible.