

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

**Aluminum Fireplace Enclosure  
For Masonry Fireplaces  
Installation & Operation Instructions**

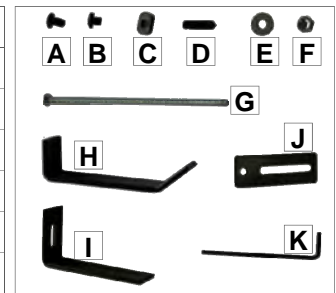


# Installation Instructions



## PARTS INCLUDED FOR INSTALLATION:

A	4 ea.	1/4-20 x 3/8" Machine Screw	G	2 ea.	1/4-20 x 6" Bolt
B	4 ea.	1/4-20 x 1/4" Machine Screw	H	2 ea.	Lintel Bracket
C	4 ea.	1/4-20 Track Nut	I	4 ea.	L-Bracket
D	4 ea.	1/4-20 x 1" Pressure Screw	J	4 ea.	Flat Bracket
E	2 ea.	1/4" Flat Washer	K	1 ea.	Allen Wrench
F	2 ea.	1/4-20 Nut		1 roll	Fiberglass Insulation



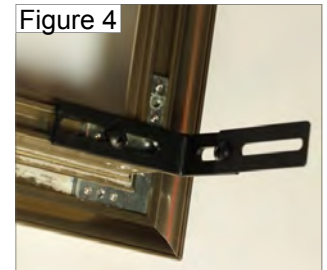
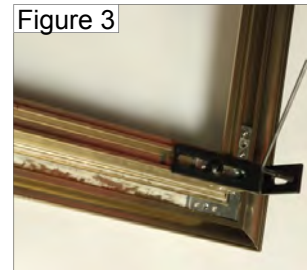
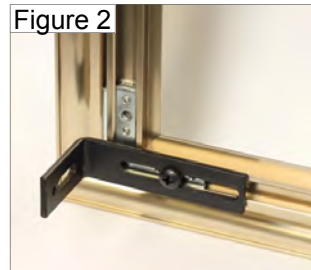
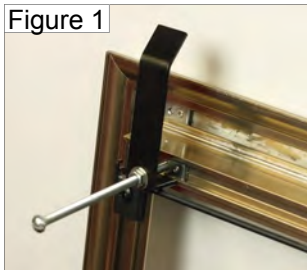
### PLEASE NOTE: Your Aluminum Fireplace Enclosure must be installed and adjusted correctly.

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 FDO or arrange professional installation.

New masonry fireplaces must be cleaned and allowed to cure thoroughly before any fireplace enclosure is installed. Failure to "cure" the mortar properly may damage the enclosure finish. This type of damage is not covered by warranty.

### If you have questions:

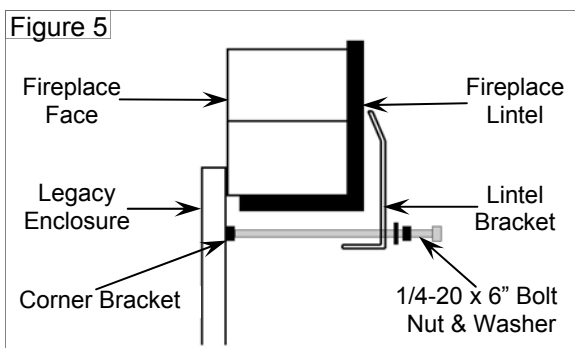
Please contact Fireplace Doors Online before proceeding with installation.



## INSTALLATION:

- Remove Cabinet Mesh Screens from the enclosure by lifting up on the hinge side. Set the screens aside in a safe place.
  - If Hanging Mesh was ordered see instructions on **Page 4**. Install the Hanging Mesh before installing the enclosure.
- Assemble two Lintel Clamps by threading an adjusting nut (**F**) onto each 6" long threaded bolt (**G**), add a flat washer (**E**), and then the Lintel Bracket (**H**). (**Figure 1**)
- Thread the bolts into the 1/4-20 holes in the horizontal leg of the enclosure top corner brackets. Don't over-tighten.
- Start Pressure Screws (**D**) into two L-Brackets (**I**). Use the 1/4-20 x 3/8" machine screws (**A**) to secure the L-Brackets into the holes tapped in the horizontal legs of the enclosure corner brackets. (**Figure 2**)

**Alternate Method:** Track nuts (**C**) are provided to allow mounting the Lintel Clamps and/or Bottom Brackets in another location on the enclosure frame if there are obstructions to the standard corner mounting position.



- Center the Fireplace Enclosure in the fireplace opening and fit insulation between the frame and the fireplace for a better seal.
- Rotate the Lintel Clamps up toward the top of the fireplace to grip the fireplace lintel and snug down the adjusting nuts. Don't over-tighten.
- Slide the bottom L-Brackets out to the sides of the fireplace and tighten.
- Tighten the Pressure Screws on each side evenly to hold the bottom of the Fireplace Enclosure securely. Don't over-tighten. (**Figure 3**)
  - Do not force the bottom of the frame to the fireplace. **See Below**.
- Replace the Cabinet Mesh Screens if so equipped.

**Alternate Method:** Secure L-Brackets to the fireplace with lag bolts and masonry inserts (not included). Flat Brackets (**J**) are included to move the attaching point further into the fireplace if necessary. Use 1/4-20 x 1/4" Machine Screw (**B**) to attach the Flat Brackets to the L-Brackets. (**Figure 4**)

### IMPORTANT: Check that the Glass Doors in the enclosure are aligned properly.

- If the Glass Doors do not close properly, or do not lay flat against the frame, the frame is most likely twisted.
 

**NOTE:** It is not unusual to find that a masonry fireplace face is not perfectly flat, plumb, level, or that the opening is not perfectly square. Do not force the enclosure frame to conform to a fireplace that is not plumb or level.
- The most common adjustment is accomplished by loosening the attaching hardware 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). Any resulting gap can be filled with extra insulation.

# 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 Aluminum Fireplace Enclosure and/or loss of temper in glass resulting in glass breakage. A very hot wood or gas 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 Fireplace Enclosure 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 will break 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:**

- Aluminum Fireplace Enclosures 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. 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 Fireplace Enclosure. A roaring fire, or any fire allowed to burn too close to the Fireplace Enclosure, can overheat the frame, glass, finish, and/or discolor the metal. Damage caused by overheating of the Aluminum Fireplace Enclosure 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. Open the damper built into your Fireplace Enclosure to allow enough air to support combustion until the fire is out. The fireplace flue damper should be left fully open. Once the fire is completely extinguished, close the fireplace flue damper, close the damper in the Fireplace Enclosure, and close the glass doors to minimize heat loss up the chimney.
- Aluminum Fireplace Enclosures 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 Logs 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 enclosure, the 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:**

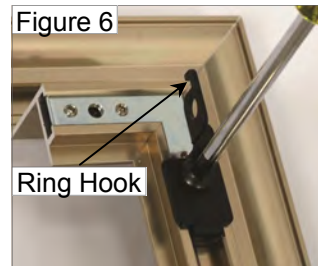
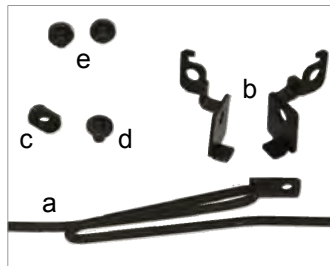
**⚠ CAUTION:** The Fireplace Enclosure and the glass must be at room temperature before cleaning.

- 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 Anodized or heat resistant Powder Coat finishes on Aluminum Fireplace Enclosures. These finishes require 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.) are Anodized 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.



## OPTIONAL MESH SCREEN KIT INSTRUCTIONS:

Mounting Hardware	
a	1 ea. Curtain Rod
b	2 ea. Rod Bracket
c	1 ea. 1/4-20 Track Nut
d	1 ea. 1/4-20 x 3/8" Screw
e	2 ea. 1/4-20 x 1/4" Screw



- Install the rod brackets (**b**) using 1/4" screws (**e**) into the tapped hole on the vertical leg of corner brackets. **(Figure 6)**
- Install a mesh curtain (with the handles towards center) on each side of the curtain rod (**a**). **NOTE:** To create a pleated appearance in the mesh curtain, twist each curtain ring one-half turn as it is installed on the curtain rod.
- Insert the curtain rod ends into each rod bracket in turn. **NOTE:** To keep the curtains from sliding to the center, leave the last curtain ring loose until the rod is installed then hang the loose rings on the hooks provided on each Rod Bracket.
- Attach the curtain rod center bracket using a 3/8" screw (**d**) and track nut (**c**). **(Figure 7)** It may be easier to insert the screw (**d**) through the center bracket, loosely thread on the track nut, and then slip the nut into the frame track. Tighten the screw securely.

### Five Year Limited Warranty for Legacy Masonry Fireplace Enclosures

Custom Metal Comp. warrants its Aluminum Fireplace Enclosure 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 Comp. 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 Comp. 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:  
SFireplace 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.