Glass Enclosure Kits: GD415ATPB and GD485ATPB

for Models: EM-415 and EM-485 - Installation and Operation Instructions -





WARNING

HOT! DO NOT TOUCH. SEVERE BURNS MAY RESULT. **CLOTHING IGNITION MAY RESULT.**



Glass and other surfaces are hot during operation and cool down.

- Keep children away.
- CAREFULLY SUPERVISE children in same room as appliance.
- Alert children and adults to hazards of high temperatures.
- To avoid burns or clothing ignition, the doors must remain closed if children will be present during the operation and cool down of the fireplace.
- Do NOT operate with protective barriers open or removed.
- Keep clothing, furniture, draperies and other combustibles away.

IMPORTANT: Read all instructions carefully before starting installation. Failure to follow these installation instructions as detailed may result in a possible fire hazard and will void the warranty.

INSTALLATION PRECAUTIONS

The Heat-N-Glo Glass Enclosure Kits GD415ATPB and GD485ATPB are tested and safe when installed in accordance with this installation manual. It is your responsibility to read all instructions before starting installation and to follow these instructions carefully during installation to assure maximum benefit from and safe operation of the glass enclosure.

These glass enclosures are fully engineered and must be installed on Models EM-415 and EM-485 fireplaces. If you modify it or any of its components, you may cause a fire hazard and will void the warranty. In addition, such action may void the coverage provided by the owner's home insurance.

The glass enclosure must be installed WITHIN the fireplace opening as detailed in these instructions. It must NOT be separated from the firebox with fireplace facing or finishing materials.

It is highly recommended the outside air kit AK22 is used.

It is good practice to protect your hands and eyes during installation by wearing work gloves and safety glasses.





HEAT-N-GLO QUALITY SYSTEMS REGISTERED BY SGS ICS

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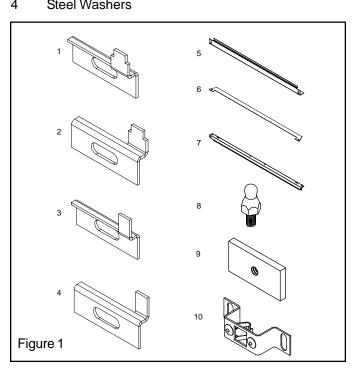
CHECK CONTENTS OF SHIPPING CARTON

Compare contents in the following list with actual parts received. If any parts are missing, or damaged, contact your dealer before starting installation. Do not install a damaged glass enclosure kit.

Contents of shipping carton:

(See Figure 1 for sheetmetal parts)

Qty.	Part	Item
1	Hinge: Bottom left	1
1	Hinge: Bottom right	2
1	Hinge: Top right	3
1	Hinge: Top left	4
2	Side Filler	5
1	Front Filler	6
2	Top/Bottom Tracks	7
2	Ball Stud	8
2	Ball Stud Plate	9
2	Ball Stud Receiver Bracket	10
2	Doors	
2	Handles	
4	3/4" Screws for Handles	
4	Slotted Hinge screws	
2	Nylon Washers	
14	1/2" Sheetmetal screws	
4	1/4" Screws for Ball Stud Receiver Bracket	
4	Steel Washers	



690-950D 7/04

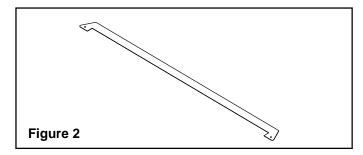
CLEAN NEW MASONRY

Mortar and masonry cleaning agents will corrode metal unless they are neutralized. Therefore, if your fireplace surround has been faced with any type of masonry, wash it with ammonia water or a baking soda solution so the metal trim pieces of your kit will not be corroded.

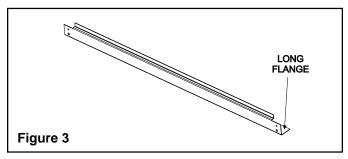
NOTE: THE METAL ON THE GLASS DOORS SHOULD BE CLEANED WITH A MILD SOAP AND WATER ONLY.

INSTALLATION INSTRUCTIONS

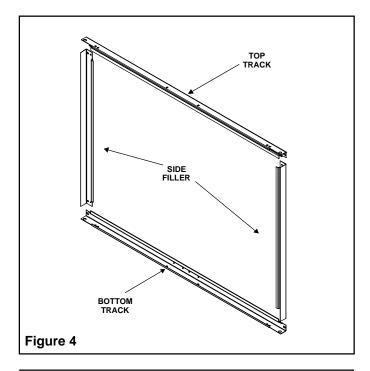
- 1. Unscrew, remove and discard top door track.
- 2. Remove mesh rod and mesh.
- Unscrew, remove and discard hearth filler (part covering the front of the hearthstone) by lifting and twisting one end at a time out from behind the columns.
- 4. Lift up front of the hearthstone. While pulling stone forward, hold it up and slip FRONT FILLER under the stone making sure the ears fit in behind the sides of the unit. Push and sit the stone back into the unit (See Figure 2).

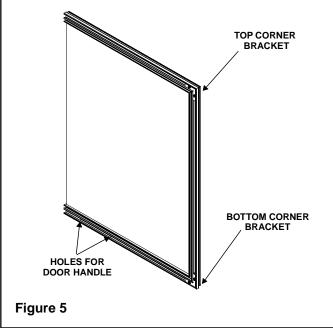


Slip side fillers in on both sides so long flange is behind columns (see Figure 3).



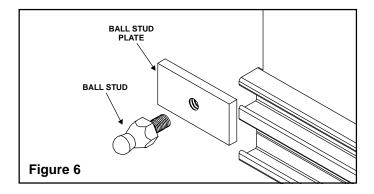
- 6. Screw top and bottom track to unit.
- Push side fillers up tight against door tracks and secure with screws through holes in back of top and bottom tracks (see Figure 4 for part orientation).
- 8. Remove shipping tape from doors.
- 9. Turn doors face down (gasket side up).
- **10.** Remove one set screw from top of top corner bracket and one from bottom of bottom corner bracket (see Figure 5). Discard the removed set scews.



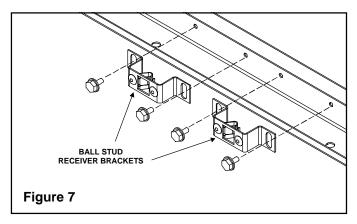


- 11. Using a metal washer and slotted hinge screw, attach bottom pivot bracket onto the bottom of each door where the set screw was removed. (Bottom of door is defined by holes in part for door handle.)
- 12. Screw handle onto each door.
- **13.** Place nylon washer over hole in the bottom face of fireplace.
- **14.** Pick door up and insert bottom pivot bracket in the hole making sure you engage the nylon washer. HOLD ONTO THE DOOR UNTIL NEXT STEP IS COMPLETE.

- **15.** Insert the leg of the top pivot bracket up into the hole in the door track. Line up the top pivot bracket with hole in the corner brace on top of the door and attach with the slotted hinge screw and steel washer (both doors).
- **16.** Align doors by readjusting the pivot brackets and steel washers and sliding the doors in or out.
- **17.** Insert the ball stud into the hole in the ball stud plate. Slide into the door as shown in Figure 6.



18. Attach the ball stud receiver brackets to the bottom door track. Use the 4 1/4" screws as shown in Figure 7.



- 19. Line up the ball studs and receiver brackets by sliding the receiver brackets up and down, and the ball studs left and right. Once these parts are aligned, tighten the screws on the receiver brackets and turn the ball stud 1/4 turn past hand tight. DO NOT OVER TIGHTEN THE BALL STUD.
- 20. If the ball studs and receiver brackets are not holding the doors closed, you may need to compress the gasket material on the back of the door by pressing it down with your fingers.

NOTE: The ball stud may need to be adjusted after the first couple of fires. Periodically check the alignment of the ball stud with the ball stud receiver bracket and adjust if necessary.

OPERATING PRECAUTIONS AND INSTRUCTIONS

The glass doors and the fireplace flue damper must both be in the fully open position before starting your fire.

Follow the procedure for building and starting a fire as detailed in your fireplace homeowners manual. You may close the doors AFTER the fire is well started. THE FIRST FEW FIRES MUST BE SMALL TO ALLOW THE PROPER TEMPERING OF THE GLASS AND TO PREVENT GLASS BREAKAGE.

Do not, however, close the doors on an excessively hot fire. The glass must be allowed to warm slowly. Keep the fire well back from the doors and never let flames contact the glass.

If the fire gets too large at any time, open both sets of glass doors. This will quickly reduce the heat in the firebox. Push the logs or other fuel to the center of the firebox and rearrange into single layer. Let the fire burn to a smaller size before closing the glass doors again.

WARNING: FIREPLACES EQUIPPED WITH DOORS SHOULD BE OPERATED ONLY WITH DOORS FULLY OPEN OR DOORS FULLY CLOSED. IF DOORS ARE LEFT PARTLY OPEN, GAS AND FLAME MAY BE DRAWN OUT OF THE FIREPLACE OPENING, CREATING RISKS OF BOTH FIRE AND SMOKE. MAKE SURE THE FIREPLACE SCREEN IS CLOSED WHEN THE DOORS ARE OPEN.

The following check list summarizes the key steps discussed under OPERATING INSTRUCTIONS:

- 1. Open doors and fireplace damper.
- 2. Build fire as described in fireplace manual.
- **3.** Close doors after the fire is started IF fire is normal size.
- **4.** If fire gets too large, open doors and reduce size of fire.
- **5.** Keep damper open until fire is completely out and all smoking has stopped.

For maximum benefit and efficient usage, refer to operating instructions in owner's manual.

REPLACEMENT PARTS

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REPLACEMENT PARTS	GD415ATBPB	GD485ATPB	
Side Filler	690-105	690-105	
Front Filler	690-106	691-106	
Top/Bottom Tracks	690-108	691-108	
Left Door	690-390A	691-390A	
Right Door	690-391A	691-391A	
Hardware Kit Includes: Hinge: Bottom Left & Right Hinge: Top Left & Right Bail Stude & Pitet Bail Stude Receiver Bracket Handles & 3/4" Screws for Handles Slotted Hinge Screws Washers 1/2" Sheetmetal Screws 1/4" Screws for Bail Stud Receiver Bracket	690-100A	690-100A	