

**GLHTL36, GLHTL42**

**Models: HEIR36T-IFT, HEIR36H-IFT, HEIR42T-IFT, HEIR42H-IFT**

*Glass Refractory Installation Instructions -*



Leave this manual with party responsible for use and operation.

**DANGER**



**HOT GLASS WILL CAUSE BURNS.**

**DO NOT TOUCH GLASS UNTIL COOLED.**

**NEVER ALLOW CHILDREN TO TOUCH GLASS.**

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

**CAUTION! Risk of Cuts or Abrasions.** Wear protective gloves and safety glasses during installation.

**NOTICE: Handle refractory panels with care. Refractory may chip or crack if dropped or impacted.**

**SPECIAL TOOLS**

- Screw gun equipped with 1/4 in. socket
- 1/4 IN. wrench or socket
- (1) Tape Measure

**GLASS LINER KIT COMPONENTS**

- (1) Left Glass Refractory Panel
- (1) Right Glass Refractory Panel
- (1) Rear Glass Refractory Panel
- (2) Side White Refractory Spacers
- (1) Rear White Refractory Spacer
- (2) Finish Trim
- (1) Refractory Spacer

**REFRACTORY KIT COMPONENTS**

- (1) Right Base Refractory
- (1) Left Rear Base Refractory
- (1) Left Front Base Refractory
- (1) Center Base Refractory
- (1) Top Refractory

**PREPARATION**

It will be necessary to remove the existing refractory panels and base refractory prior to beginning installation of the new components. See Figure 1. Once those components are removed the firebox will look similar to Figure 2.

**Note:** On older models, it may be necessary to remove the grate in order to remove the rear refractory.

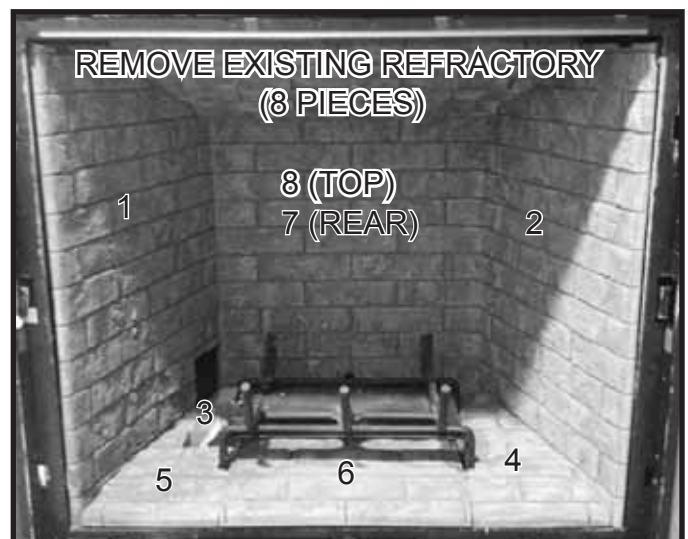


Figure 1. Firebox Including Refractory

## INSTALLATION

1. Examine the firebox and be sure that the corners are free from debris. There could be issues with fit up of refractory if firebox is not clear of debris. See Figure 2.

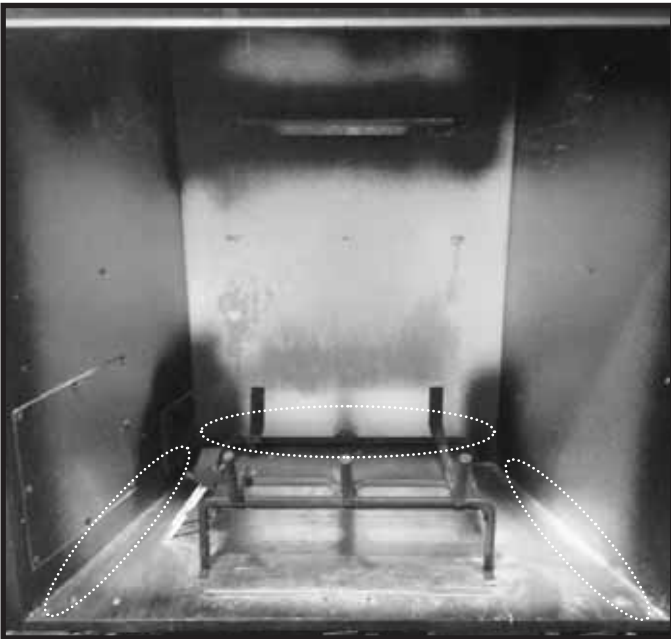


Figure 2. Firebox

2. Place rear white refractory spacer with the arch down as shown in Figure 3. The holes in the spacer should align with the screws in the firebox when installed correctly.



Figure 3. Rear Spacer

3. Ensuring that rear spacer is properly in place and tight to rear wall, install rear glass panel with arch down as shown in Figure 4.

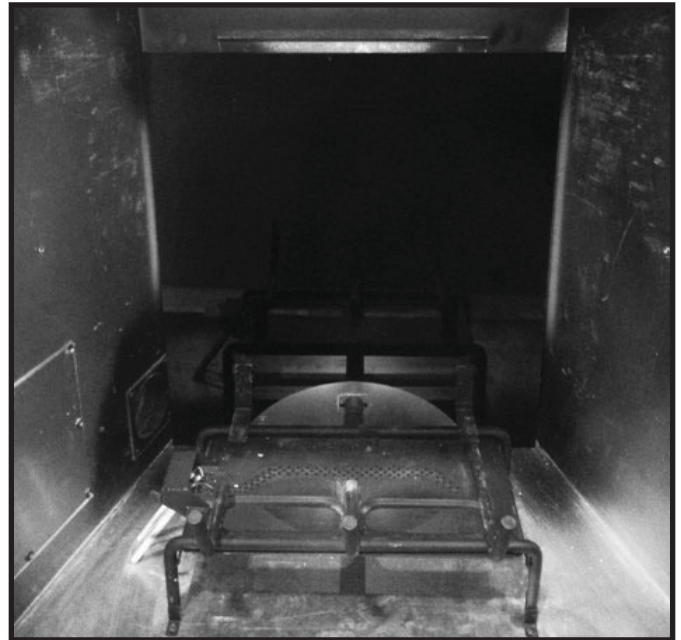


Figure 4. Rear Glass Panel

4. Place one of the white side spacers on the right side of firebox and slide into place as shown in Figure 5. Spacer will be flush with firebox lip when installed properly.

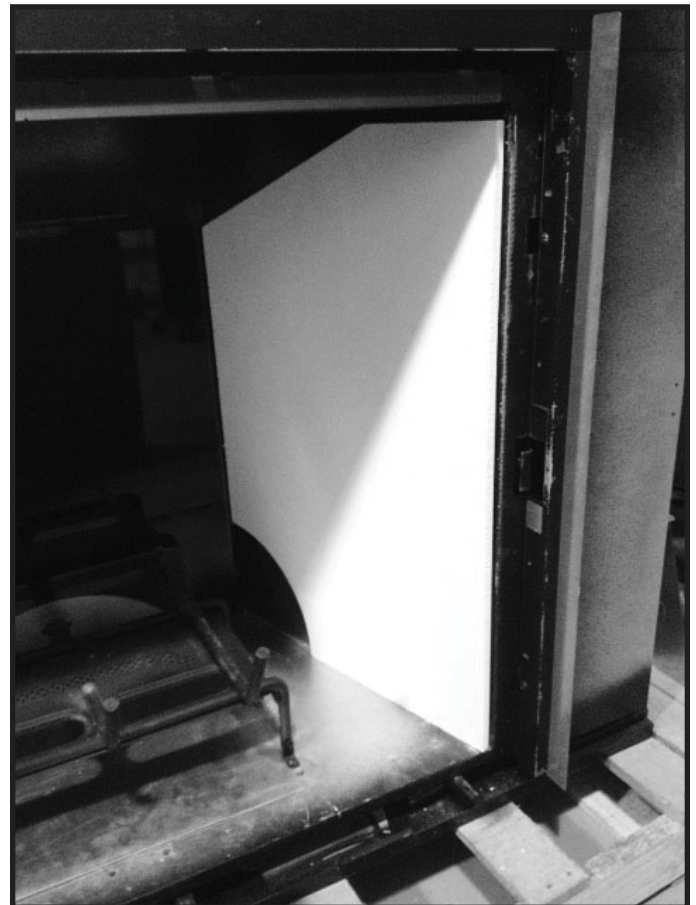


Figure 5. Right Spacer

5. Install the other white side spacer on the left side of firebox as shown in Figure 6. The spacer will be flush with the firebox lip when installed properly.



Figure 6. Left Spacer

6. Install the right glass panel by inserting it in the location shown in Figure 7. Slide the glass rearward until it contacts the rear glass panel.



Figure 7. Right Glass Panel

7. Bend tabs over to retain glass. See Figure 8.

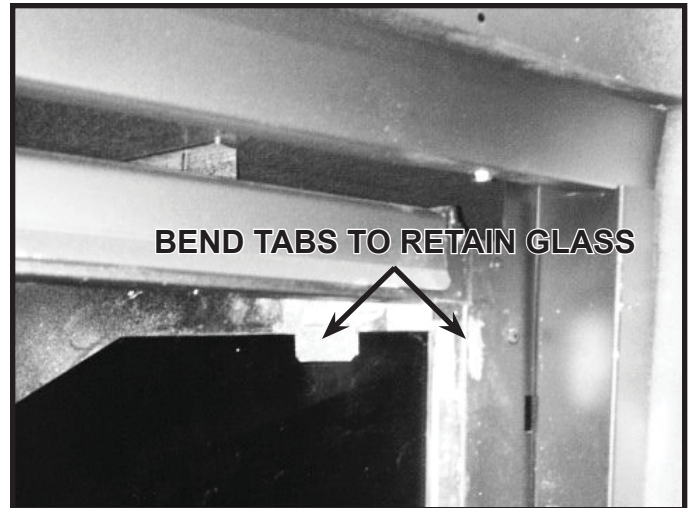


Figure 8, Right Refractory Tab

8. Install the left glass panel by inserting it in the location shown in Figure 9. Slide the glass rearward until it contacts the rear glass panel.

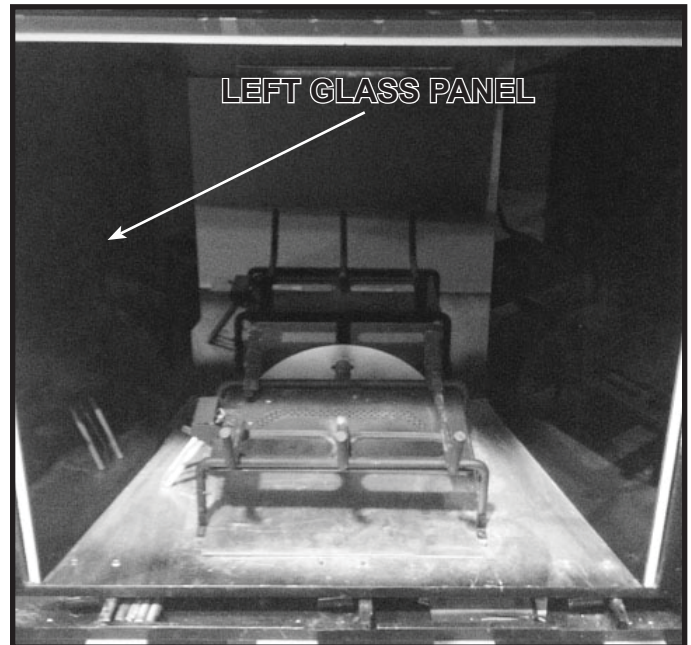


Figure 9. Left Glass Panel

9. Bend tabs over to retain glass. See Figure 10.

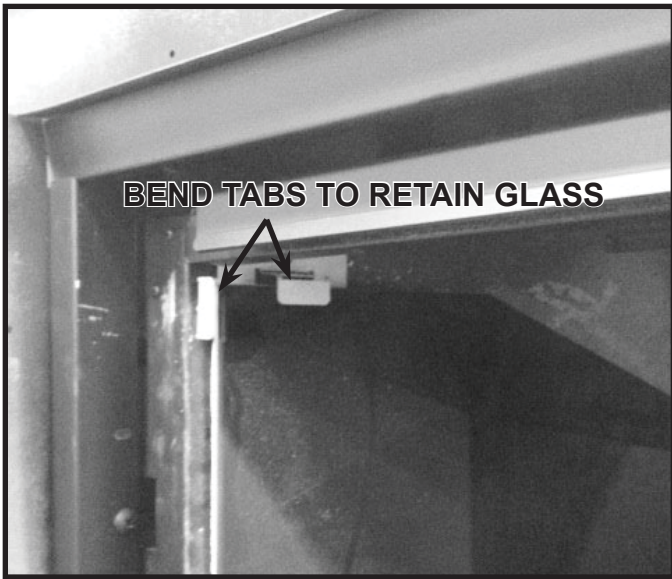


Figure 10. Left Refractory Tab

10. HEIR42H-IFT/HEIR42T-IFT Only: It may be necessary to remove the upper refractory clips. Remove the clip(s) from the appliance. The screws **MUST** be reinstalled into the same holes from which they were removed.

**WARNING! Risk of Asphyxiation! DO NOT** leave holes open! Screws from refractory clip removal **MUST** be reinstalled in same holes as removed to maintain firebox seal.

See Figure 11.

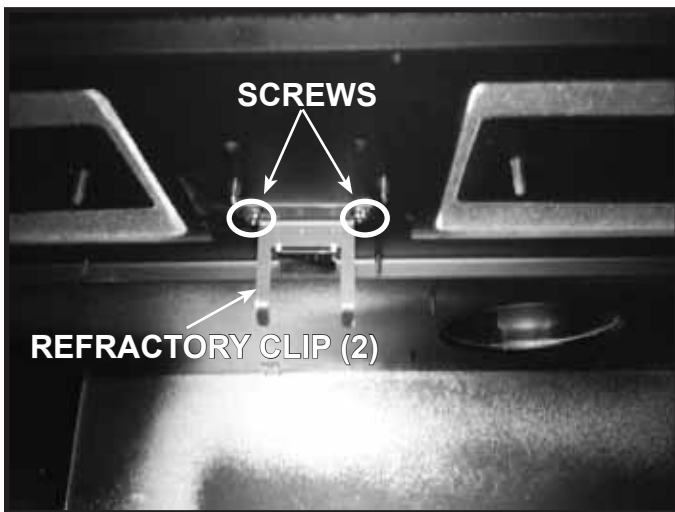


Figure 11.

11. Install top refractory as shown in Figure 12. The lip of the top panel will sit on the side spacers and side glass refractory as shown. Apply firm pressure to top refractory leading edge to ensure that the refractory is fully seated in the rear of the appliance.



Figure 12.

12. Install the right base refractory by setting the left edge on the firebox bottom. Place it adjacent to the grate and move the right side downward into place. Ensure that the front lip of the base refractory is flush with the firebox edge. See Figure 13 and Figure 16.

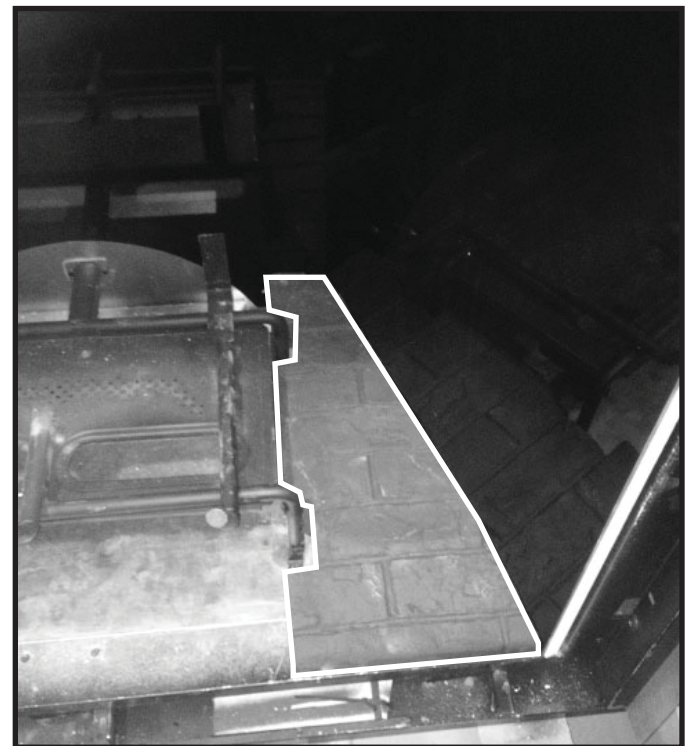


Figure 13. Right Base Refractory

13. Place left rear base refractory into appliance as shown in Figure 14. Rotate refractory into position by placing right edge of part on firebox bottom, pulling tight to the grate leg matching cut with leg and dropping left side of refractory piece into place.

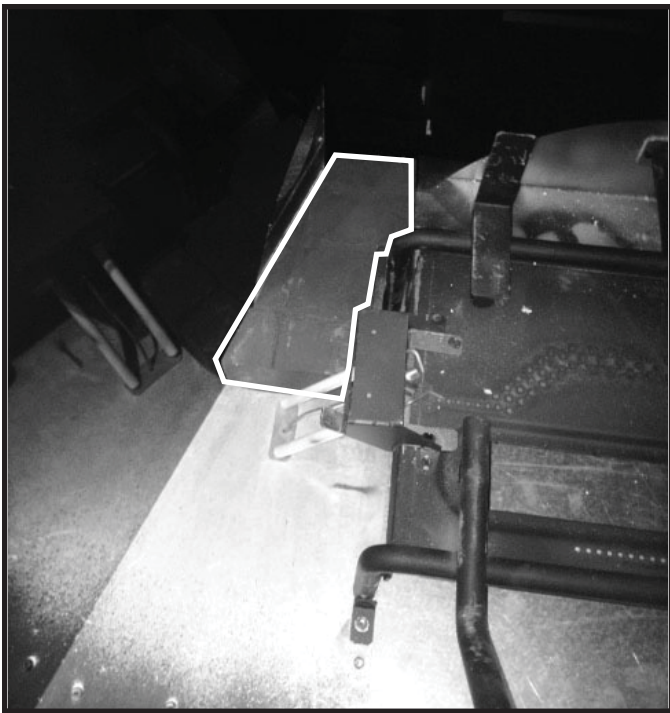


Figure 14. Left Rear Base Refractory

14. Install left front base refractory as shown in Figure 15, ensuring that the front lip is flush with the firebox. See Figure 15 and Figure 17.

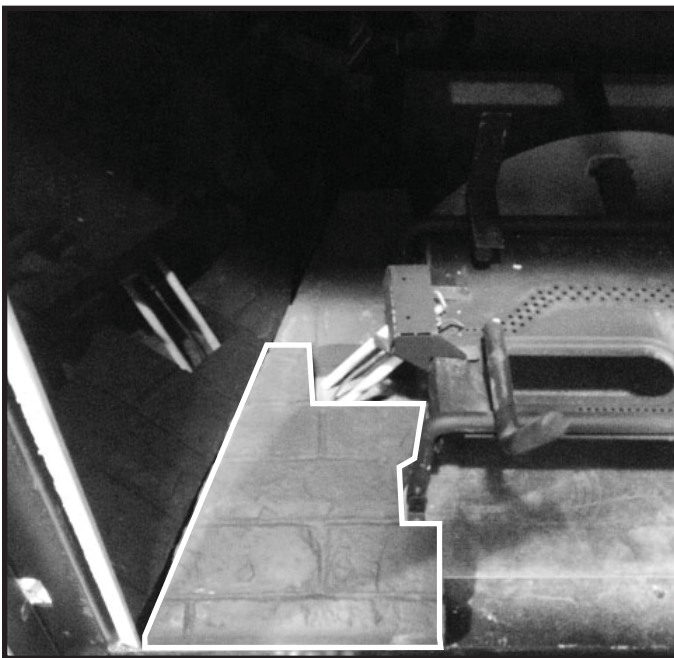


Figure 15. Left Front Base Refractory

\* Outlines on Figures 13, 14, 15 and 17 show the correct placement of refractory. Refractory parts must be flush with both bases, spacers and panels.

15. Install refractory spacer approximately nine inches from the front edge of the appliance. Position it as shown in Figure 16 centered under the grate with the point facing up. The refractory spacer prevents turbulence under the center refractory. The absence of turbulence promotes sharper looking flames. See Figures 16 and 17.

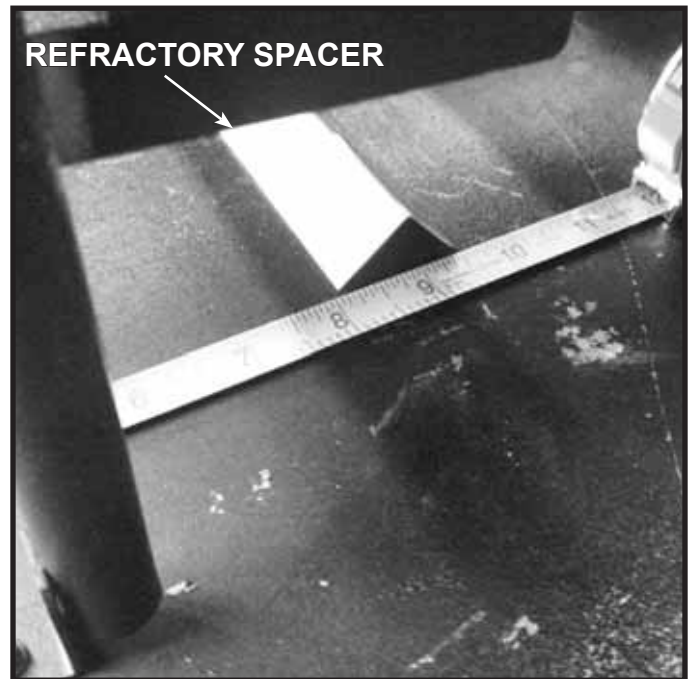


Figure 16. Refractory Spacer Installed

16. Install center base refractory with seams aligned as shown in Figure 17. Be sure that the refractory is flush with firebox lip, and the rear portion of the center refractory is resting on the refractory spacer that was installed in the previous step.

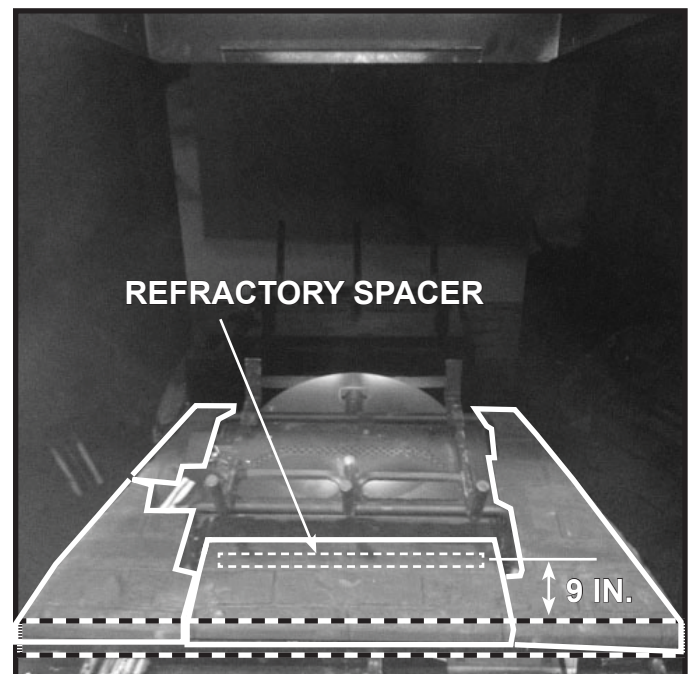


Figure 17. Refractory Set Installed

17. The finish strip will be installed over visible spacers that can be seen in Figure 18.

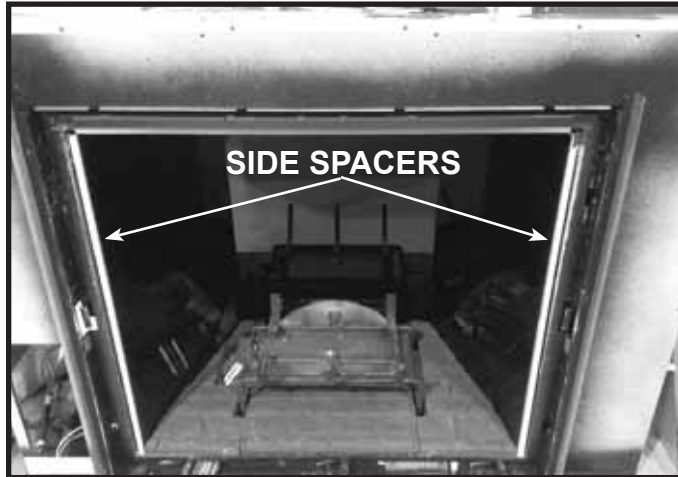


Figure 18. Refractory Spacers

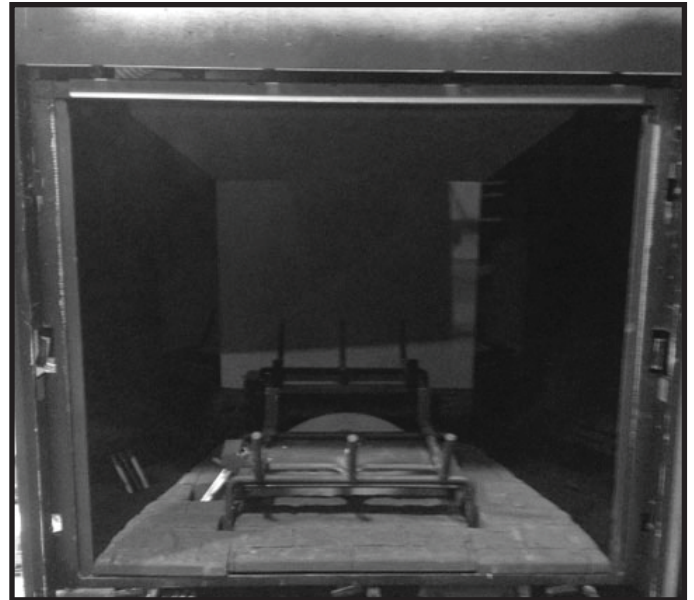


Figure 20. Finish Trim Installed

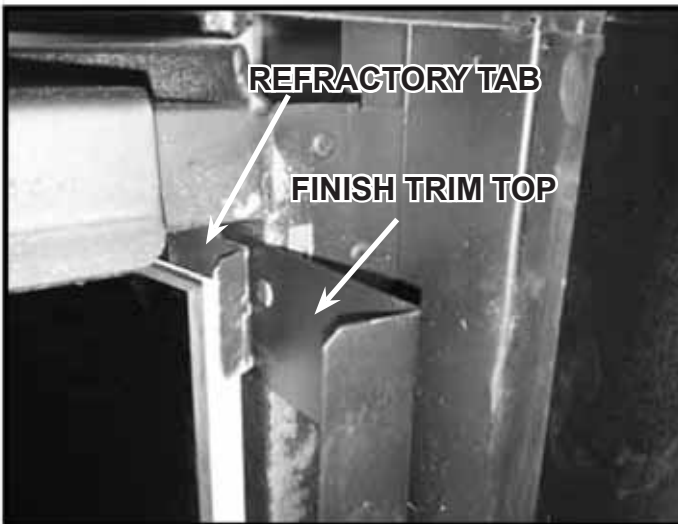


Figure 19. Bracket Tab

18. Install finish trim on the right side as shown in Figure 19. Slip the tab of the trim behind the refractory tab and push into position until it is flush with the outer edge of the firebox. Repeat process for the left side.

19. Figure 20 shows finish trim installed correctly.

Please contact your Heatilator dealer with any questions or concerns.

For the location of your nearest Heatilator dealer, please visit [www.heatilator.com](http://www.heatilator.com).

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