



INSTALLATION INSTRUCTIONS

Replacement Combustion Chamber Kit For
**Utica Starfire II
&
Columbia CSF
Oil Fired Boilers**

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WARNING This product contains fiberglass wool and ceramic fiber materials. Airborne fibers from these materials have been listed by the state of California as a possible cause of cancer through inhalation. Apply special care when handling these materials. (Burner door refractory, rear refractory, blankets, rope seal, jacket insulation, etc.)
Please see MSDS for more health and safety information.

BEFORE STARTING: **WARNING** Failure to perform the following can cause severe personal injury, death or substantial property damage!

- * Read all instructions before starting.
- * Follow all instructions in proper order.
- * Turn off service switch on boiler and all other electrical disconnect switches.
- * Close fuel supply valve(s) and disconnect fuel line from burner.

REMOVAL:

1. Check to make sure all electric power is off, and the oil line is disconnected.
2. Remove oil burner and the lower front panel.
3. Remove the bolts holding the burner mounting door, and remove the mounting door and the mounting door insulation.
4. Remove the old combustion chamber, and clean-out the combustion area.

INSTALLATION:

5. Insert the new target wall through the boiler opening, and press into position against the backwall of the boiler. The target wall should be a tight press fit into the back section of the boiler. If it is loose, place the ceramic fiber paper shims provided between the target wall and the casting to insure a tight fit.
6. Cut the Kaowool ceramic fiber blanket to size.

MODEL #	WIDTH	DEPTH (FRONT TO BACK)
365 - 3100	24"	6 1/4"
3125 - 4150	16"	8 1/2"
5125 - 5200	16"	13"

7. Open the bottle of waterglass and spread the contents on the boiler floor.
8. Place the blanket on the floor of the boiler. Make sure it is up against the bottom lip of the target wall and centered from side to side.

NOTE: THIS KIT IS SUPPLIED WITH 2 MOUNTING DOOR INSULATION BOARDS. USE ONLY THE ONE THAT MATCHES THE INSULATION YOU ARE REPLACING AND DISCARD THE OTHER.

9. Replace the mounting door insulation & burner mounting door by lining the two parts up against the boiler and fastening them in place with the same bolts removed.
10. Fire the burner for 15 min. to allow chamber to "cure".

NOTE: WHEN FIRST FIRED, SOME SMOKE AND A SLIGHT ODOR WILL OCCUR. THIS IS PART OF THE CURING PROCESS.

11. Combustion tests **MUST** be performed **AFTER** the curing process is complete to insure proper performance.

