

LYNN

LYNN MANUFACTURING, INC.

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INSTALLATION INSTRUCTIONS

BURNHAM RS SERIES

REPLACEMENT COMBUSTION
CHAMBER KIT

ITEM #1107

WARNING This symbol is used in these instructions to indicate the presence of hazards that can cause severe personal injury, death or substantial property damage.

WARNING This product contains ceramic fiber materials. Airborne fibers from this material have been listed by the State of California as a possible cause of cancer through inhalation. Apply special care when handling these materials. (combustion chamber, board, and jacket insulation)

Suppliers of ceramic fiber products recommend the following precautions be taken when handling this material:

- Precautionary measures:
- * Avoid breathing dust and contact with skin and eyes.
 - * Use NIOSH approved dust/mist respirator.
 - * Wear long sleeved, loose fitting clothing, gloves and eye protection.
 - * Wash work clothes separately from other clothing and rinse washer thoroughly.
 - * Operations such as sawing, blowing, tearout and spraying may generate airborne fiber concentrations requiring additional protection.
- First aid measures:
- * Eye contact - Flush eyes with water to remove dust. If symptoms persist, seek medical attention.
 - * Skin contact - Wash affected areas gently with soap and warm water after handling.

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 disconnect switches.
- * Turn off 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 the bolts holding the boiler front plate in position and remove the front plate and oil burner.
3. Remove the blanket insulation in front of the combustion chamber and discard it.
4. Remove the old combustion chamber.
5. Remove the old blanket insulation from the inside of the steel base.
6. Remove the old floor board.
7. Remove the old gasket material (ceramic fiber blanket) from the area around the bottom of the boiler tubes.
8. Remove any remaining debris and clean out the inside of the combustion area.

INSPECTION:

9. Carefully examine the base of this boiler for cracks and holes, and take the appropriate action.

INSTALLATION:

10. Use the large Kaowool blanket to line the inside walls of the steel base.
11. Use a caulking gun to place a 3/8" bead of Kaowool Moldable around the top of the combustion chamber. (see drawing)
12. Slide the chamber into the boiler base.
13. Lift the chamber up so that the top of the chamber contacts the boiler tube area, and slide the Kaowool Board provided under the chamber to hold the chamber up.
14. Place the Kaowool front blanket into position.
15. Reinstall the boiler front plate and oil burner.
16. Reconnect and turn on the oil line and electric power.
17. Fire the burner for 15 minutes to allow chamber to cure.

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

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

