

LYNN MANUFACTURING, INC

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INSTALLATION INSTRUCTIONS

REPLACEMENT COMBUSTION CHAMBER
KIT FOR
PEERLESS MODEL "EC/ECT"
LYNN ITEM #1093

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. (blanket, target wall, and insulation board)

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
- * 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:



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.
- * Turn off fuel supply valve(s) and disconnect fuel line from burner.

NOTE: A HIGH SPEED FLAME RETENTION OIL BURNER MUST BE USED WITH THIS KIT. (EXAMPLE: BECKETT AF/AFG)

1. Disconnect oil line and electrical connections from burner.
2. Unbolt and swing open burner mounting plate.
3. Remove old combustion chamber and clean out combustion area.
4. Install target wall firmly against face of rear section of boiler. If necessary, use shims provided to insure a press fit.
5. Measure the distance from the front of the target wall to the front of the boiler and cut the 14" wide Kaowool blanket provided to this length. Open plastic bottle and spread contents (waterglass) on the floor of the boiler. Lay the blanket on the floor and center as shown.
6. Remove old insulation from inside surface of cover plate.
7. Use the stainless steel hardware provided to attach the insulation board to the combustion chamber cover plate as shown above.
8. Inspect the rope seal around the cover plate. If it is worn or damaged, replace it with the rope provided. Scrape off all of the old rope and clean the surface. Peel the paper from the adhesive strip on the new rope and press the rope into place.
9. The oil burner gasket should also be inspected and replaced if worn or damaged.
10. Close and re-fasten the burner mounting plate. Reconnect the oil line and electric wiring.
11. Fire burner for 15 min. to allow chamber to "cure". NOTE: When first fired, some smoke and a slight odor may occur. This is part of the curing process.
12. Combustion tests MUST be performed after the curing process is complete to insure proper performance.

