

LYNN MANUFACTURING, INC

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INSTALLATION INSTRUCTIONS

Item # **1064**

REPLACEMENT COMBUSTION
CHAMBER KIT FOR

Burnham **V1** Series
Oil Fired Boiler

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 SDS for more health and safety information.

BEFORE STARTING:

WARNING

Failure to perform the following can cause severe personal injury, death or substantial property damage!

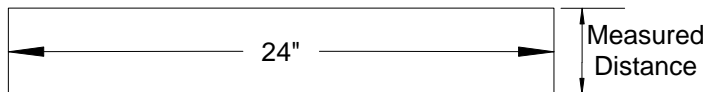
- * Read all instructions before starting.
- * Follow all instructions in proper order.
- * Turn off service switch on boiler and all other electrical disconnect switches.
- * Close fuel supply valve(s) and disconnect fuel line from burner.

REMOVAL:

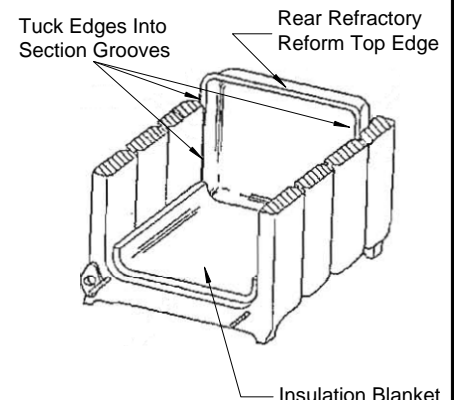
1. Unbolt burner flange and remove burner.
2. Remove front jacket panel.
3. Remove front boiler plate.
4. Remove front refractory.
5. Remove old rear refractory (target wall) and clean out combustion area. Clean old sealant from front of boiler and inside of front plate.

INSTALLATION:

6. Remove target wall from plastic bag.
7. Carefully pass the target wall through the opening in the front section and set it against the back wall of the boiler.
8. Reform the top edge of the target wall and tuck the sides into the grooves between the boiler sections to hold it in place.
9. Measure the distance from the target wall just installed, to the front of the boiler and cut the blanket supplied to this length.



10. Open plastic bottle spread Waterglass on floor of boiler.
11. Lay blanket on floor and center as shown.
12. Carefully press the front refractory into the front section opening. The smooth side should face inwards towards the combustion area, with the burner hole at the bottom left.
13. Place sealant into the groove around the opening in the front section.
14. Replace boiler front plate and jacket panel.
15. Replace flange and oil burner.
16. Fire 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.

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