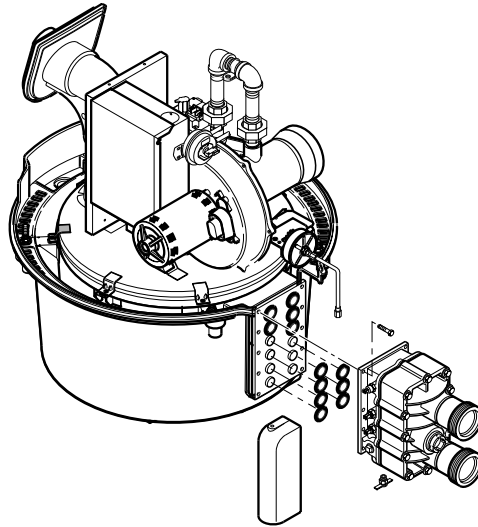


Coil/Tubesheet O-Rings



⚠ WARNING Risk of fire, explosion, and electrical shock.

Heater service and repair must be performed by a qualified installer, service agency, or the gas supplier.

NOTICE: Be sure that you don't move the heating coil or condensate evaporator during this operation. If you do move either of them, you must open the combustion chamber and reposition them. Call Sta-Rite Customer Service before attempting this.

Location

The Coil/Tubesheet O-Rings are installed on the ends of the heating coil tubes, between the heating coil and the manifold adapter.

Function

The Coil/Tubesheet O-Rings seal the ends of the heating coil where they meet the manifold adapter.

Installing Coil/Tubesheet O-Rings

1. Turn off the filter pump and all electrical power to the heater. Close the external Manual Gas Valve.
2. If the heater is below the water level of the pool, close the isolation valves to avoid draining the pool.
3. Remove the drain plug under the manifold and drain the heater.
4. While the heater is draining, remove the upper left and upper right jacket halves.
5. Remove the switch covers on the sides of the manifold and unplug the Automatic Gas Shutoff, the High Limit Thermostat, and the Thermistor. Mark the wires for correct re-connection.
6. Disconnect the water pressure switch.
7. Disconnect the gas pipe back to the external manual gas valve to allow the heater to move enough to provide working room.
8. Disconnect the inlet and outlet unions and move the heater enough to allow removal of the manifold. On older heaters, remove the manifold adapter and the inlet/outlet manifold as a unit.

9. Unscrew the bolts that attach the manifold (or manifold adapter) to the tube sheet and remove the manifold/adapter as a unit.
10. Remove the old O-rings from the tube sheet and clean the tube sheet.
11. Install new O-Rings. Lubricate the O-Rings with Parker O-Ring Lube for easy installation.
NOTICE: Be sure that you don't move the heating coil or condensate evaporator during this operation. If you do move either of them, you must open the combustion chamber and reposition them. Call Sta-Rite Customer Service before attempting this.
12. Reinstall the manifold. Tighten the bolts in a criss-cross alternating sequence to a torque of 125-150 in-lbs. Do not overtighten.
13. To complete installation, reverse steps 1 through 8 above.
14. Check for water leaks at unions and at manifold flange (where it joins the tube sheet).
15. Use a soapy water solution to test for gas leaks before starting the heater.

Safety Precautions:

⚠ WARNING Fire or explosion hazard. Disconnect all power to the heater and close the external manual gas valve before starting this procedure. Check for gas leaks with a soapy water solution after reassembly.

REPAIR PARTS LIST

Coil/Tubesheet O-Ring	Qty.	Part No.
Model SR200	6	35505-7222
Model SR200 Kit		77707-0117
Model SR333	10	35505-7222
Model SR333 Kit		77707-0118
Model SR400	12	35505-7222
Model SR400 Kit		77707-0119

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