

Technical Data Sheet

Installation of the Sterling Replacement Thermopile *For Sterling Stoves Equipped With The Robert Shaw 7000 Valve* *Part Number 7210-100*

Date: 12/31/2002

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KIT CONTENTS:

7210-100 Thermopile

TOOLS REQUIRED:

7/16" Wrench
Phillips Screwdriver

Note: You will need high temperature silicone to replace the thermopile in the Direct Vent Sterling.

WARNING: Servicing of gas controls, appliances, systems and leak testing must be PERFORMED BY QUALIFIED PERSONNEL ONLY.

BEFORE YOU BEGIN:

Work on a cold stove. Shut off gas supply to the stove.

PROCEDURE:

- 1) Open the front door by removing the phillips head screw. Remove the logs and ember screen. Carefully retain the embers for reuse. On Direct Vent models, the burner tube can be lifted out of the stove.
- 2) Remove the mounting nut from the bottom of the thermopile with a 7/16" wrench. Push the thermopile down through the holding tube until it is free of the holder. Follow the thermopile wire back to where it passes through the firebox to the valve compartment. Pull out the red high temperature silicone that seals the hole that passes through to the valve compartment.
- 3) Open the valve door. Note the placement of the wires on the valve terminal block: Top terminal (TH,TP) has the thermopile and thermostat wires (and spill switch wire on B-vent only), middle terminal (TP) has thermopile (and spill switch wire on B-vent only). With a phillips

screwdriver, loosen the top (TH,TP) and middle (TP) terminal screws. Remove the thermopile wires and pull them into the firebox. Discard the used thermopile.

4) Push the wires of the new thermopile into the valve compartment through the firebox. Slip thermopile into the holding tube and tighten the mounting nut. Be careful not to overtighten the mounting nut. Put the thermopile wire terminals in place on the top (TH,TP) and center (TP) valve terminal positions. Make sure all wires are properly positioned as outlined above and tighten terminal screws with a phillips screwdriver. Seal the hole between the firebox and valve compartment with high temperature silicone. If the pilot line seal is not intact, seal this hole with high temperature silicone as well.

5) Replace the burner tube (DV models), ember screen with embers, and logs. **Refer to the Owner's Manual for proper log position.** Close the front door and replace screw.

6) Turn on gas. follow procedure to light stove in The Owner's Manual.