



Electric Heating Element Replacement

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We recommend that you use Heat-Flo part electric heating elements as replacement parts rather than off-the-shelf heating elements. The Heat-Flo replacement part is an all stainless steel nut with a low watt density Incoloy® sheath. Any elements used other than Heat-flo elements will potentially damage the tank and will void the warranty.

To replace the element:

1. **Turn off the electrical power and the water supply to the tank.**
2. Drain the tank to below the level of the heating element.
3. Remove the wires from the old element. Remove the old element from the NPT fitting on the front of the tank using a deep socket wrench.
4. Clean the inside of the fitting on the tank with a wire brush. The fitting on the tank will be in like-new condition after it has been cleaned. **Be sure the threads and the surface that receives the O-Ring seal are clean.**
5. Carefully install the new element. Do not over tighten. Thread in until the o-ring seats and tighten until snug.
6. Connect the two wires to the heating element.
7. Open a HOT WATER TAP in the building (to purge the air from the tank), and fill the tank with water. Keep the tap open until all traces of escaping air are gone.

Do not turn on power to the water heater until you are sure the tank is full of water. Applying power to the element without water in the tank will result in damage or immediate failure of the element.

8. Install insulation in the electrical box and install the electrical box cover.
9. Restore the electrical power.

RAISING THE STANDARD