

"Live a better life longer"



Precision Water Systems USA Distribution Center

Precision - LifeMist - Polar Bear

Complete Distillers Parts Repair

Heating Element Replacement Instructions

1. Turn off main power switch on the distiller.
2. Unplug cord from the wall. Drain water from the boiling tank. CAUTION: DRAIN VALVE AND WATER MAY BE VERY HOT. Wait at least 1 hour for boiling tank to cool before proceeding to the next step.
3. Using a Robertson screwdriver, remove the front cover from the Distiller.
4. Use the 7/16" socket, remove the nuts attaching the stainless steel and Lexan reset cover plate to the boiling tank. The reset switch will hang from the wires without the plate.
5. Remove the boiler tank lid. Using the 7/16" wrench, remove the nut and washer attaching the heating element clip to the bracket inside the boiler.
6. Using the Robertson screwdriver loosen the screws holding the rings to the heating element (wires). Note wires attached to each side of the element.
7. Remove nuts and washers attaching the heating element to the studs on the boiling tank.
8. Move clip out of bracket inside the tank.
9. Remove the heating element from the front of tank. Remove the silicon heating element gasket.
10. Remove the clip from the element by gently spreading the coils.
11. Place heating element gasket over studs onto boiling tank.
12. Gently spread coils on new element and place clip in heating element. The stud on the clip should point towards the shorter side of the element.

13. Place heating element into boiling tank. The stud of the clip is placed through the hole of the bracket inside the tank.
14. Place washers and nuts onto studs and tighten element into place. Firmly snug nuts but be careful not to over tighten and break threaded posts from boiling tank. Nuts can always be tightened if weeping occurs, but threaded posts are unreplaceable.
15. Inside the tank place large washer and nut onto clip and tighten using 7/16" wrench.
16. Reconnect wires to proper heating element terminals.
17. Place reset flush against boiler and reattach plates. Replace boiling tank lid and front panel.
18. Ensure drain valve is closed, ensure reset switch is reset (push in button).
19. Check for leaks upon returning to service and after operating distiller under pressure for 1-2 hours. Unplugging the power and removing front cover to review heater element seal is advised.

If your distiller does not operate properly, review your wiring diagram on the owner's manual and confirm wires are connected properly. If they appear correct, and your distiller remains non-functional, it is recommended your distiller be taken to an authorized service center, like Precision Water USA.