

The WaterFixer

MODEL 500/1000 - MAINTENANCE INSTRUCTIONS Lamp & Quartz Tube Cleaning and Replacement

WARNING!!! DISCONNECT POWER TO UNIT BEFORE SERVICING!

The Ultraviolet Lamp has a service life of approximately 9,000 hours (one year of continuous usage), before it loses its germicidal effectiveness. Please note that the lamp will continue to glow even after the effectiveness has been greatly reduced.

REPLACING THE ULTRAVIOLET LAMP:

- Remove plastic caps from both ends of the lamp chamber.
- Disconnect the sockets on both sides of the unit and slip the lamp out in either direction.
- **Do Not Touch Lamp Glass. Wear gloves or use tissue to hold when inserting new lamp.**
- Insert a new lamp into the unit and reattach the sockets to the lamp pins. Replace plastic caps.
- Reconnect the power source and your WaterFixer is ready to go

CLEANING OR REPLACING THE FUSED QUARTZ TUBE:

Cleaning of the Quartz Tube should be done 1 time yearly.

1. Disconnect power to unit
2. Turn off water to the unit and open any faucets.
3. Remove Plastic Caps and Disconnect Sockets from lamp pins and remove lamp from the unit.
4. Place a receptacle to catch draining water and unscrew one filter housing, letting water drain from stainless steel chamber.
5. Remove Silver or Black clamp rings from both ends by unscrewing 3 screws on each.
6. Remove O-ring set from both ends of quartz tube. Slide tube out of unit & clean with non-abrasive cleaner. Rinse thoroughly and dry tube completely. Reinsert Quartz tube into unit and center it. **Hint:** when sliding the quartz tube in from one end insert you finger into the chamber to receive the other end. **Do not touch quartz past 1 inch from each end. Wear gloves or use tissue to hold quartz when inserting.**
7. Using new O-ring sets, place one O-ring on each end of the tube. It is good to use a little petroleum jelly to lube the o-ring before placing it on the quartz tube.
8. Slip the clamp ring over the tube, with its flat side facing outward. Screw the clamp ring to the stainless steel chamber very loosely to allow centering of the tube on the other end of the chamber.
9. Repeat the procedure on the other end. When the quartz tube is centered, tighten both clamp rings. Tighten screws evenly to be sure that the quartz tube retains its centered position.
10. Re-insert lamp and connect sockets. Replace plastic caps.
11. Re-Attach filter housings Turn on water source (allow time for any air to purge).
12. **CHECK FOR LEAKS BEFORE RESTORING POWER TO THE UNIT!**