

14. Turn the main switch, heating element switch, fan switch and pump switch to the OFF position.
15. Remove the boiling tank lid, drain all water from the boiling tank. Leave the boiling tank lid OFF.
16. Open the storage tank drain valve and drain all water from the storage tank. Leave the drain open and place a container under the opening. Although mostly steam is produced, some condensation may occur.
17. Turn the main power switch to the ON position.
18. Fill the boiling tank with water by pressing the momentary water switch until water is just above the heating element. Leave the boiling tank lid OFF.
19. Turn the heating element switch to the ON position. The boiling tank will stop filling when the water level is approximately 1-1/2" above the heating element.
20. Install the boiling tank lid and tighten the knob.
21. Make sure the fan switch is in the OFF position. By placing the fan switch in the OFF position, this will allow steam to pass through the condensing coil and sterilize the unit.
22. Allow the unit to run for 20 minutes after water has come to a full boil.
23. After the unit have run for 20 minutes, turn the fan switch to the ON position.
24. Close the storage tank drain valve.
25. Your unit is now ready for normal use. **DO NOT TURN THE PUMP SWITCH TO THE ON POSITION AT THIS TIME!**
26. Run the distiller for at least six hours. The unit is shipped with the cooling tank empty, therefore, NO water may be drawn from it until there is a sufficient reserve in the storage tank.
27. Turn the pump switch to the ON position and hold down dispenser switch until water comes out of the drinking water dispenser. **NOTE: This water will not be chilled.**
28. When the cooling tank has been filled and water comes out of the drinking water dispenser, you may then turn the compressor switch, located on the side of the unit, to the ON position. Allow the compressor to cool for one hour.

**NOTE: The Aqua Fountain is fully automatic. Once the storage tank of the unit has filled, it will automatically shut the distiller portion of the unit OFF until approximately 1 to 1-1/2 gallons of distilled water has been drawn from the unit. At this time, the unit will restart and run until the distilled water has been replaced.**



29. If any problems occur during the operation of your Aqua Fountain, please read all instructions for Operations of Your Aqua Fountain. If the unit still does not function properly, turn to the Troubleshooting Section of this owners manual. If the unit still does not function properly, consult your Distributor or Pure Water, Inc.

**NOTE:** To prevent a concentration of chemicals, pollutants and other materials from building up in the bottom of the boiling tank, drain the boiling tank after approximately every third distillation cycle or at least once a week and refill with water. See cleaning instructions.

## CLEANING INSTRUCTIONS

PROPER CLEANING IS IMPORTANT. Improper cleaning may shorten the life of the unit and particularly that of the heating element. We recommend draining the boiling tank of your unit after approximately every third distillation cycle. This will prevent a concentration of chemicals, pollutants and other materials from building up in the boiling tank.

Your unit should be cleaned whenever there is noticeable amount of mineral build up around the outside of the heating element. The frequency of cleaning will vary from one area to another, depending upon the mineral content in that area and how much water has been distilled.

For cleaning, we suggest that you use either a solution of our industrial grade cleaner, Lumen™ or a cleaner of your choice. **DO NOT USE ABRASIVE CLEANER OR STEEL WOOL CLEANING PADS.**

Use the following procedures for cleaning:

1. Turn the heating element and fan switches OFF. Remove the boiling tank lid.
2. Drain the boiling tank.
3. Rinse the boiling tank by pressing the momentary water switch.
4. Close the drain valve and fill the boiling tank half full of water by pressing the momentary water switch.
5. Add cleaner. When Lumen or another commercial clean is used, follow the directions on the package. (The amount of cleaner you use may need to be increased depending on the kind of minerals deposits in your boiling tank.)
6. Mix well.
7. Fill the boiling tank with water to the bottom of the level gauge by pressing the momentary water switch. **CAUTION: Filling water above the bottom of the level gauge may allow undistilled water or cleaner to flow into the condensing coil and out into the user's storage tank. DO NOT OVERFILL!**
8. Let solution stand overnight or until the mineral content softens. **UNDER NO CIRCUMSTANCES SHOULD THE CLEANING SOLUTION BE HEATED AND RUN THROUGH A STEAM STERILIZATION OR DISTILLATION CYCLE.**
9. The next morning, drain and rinse the boiling tank thoroughly.
10. Be sure to refill the boiling tank with water to above the heating element before beginning to distill water again.



11. Turn the heating element and fan switches to the ON position.
12. Install the boiling tank lid and tighten knob.

## **TROUBLESHOOTING**

1. Reset may have popped. If the unit is hot, allow to cool. Cooling may have be hastened by draining the boiling tank and refilling with cold water until the heating element is covered. Using the eraser end of a pencil, push firmly again the reset button. If you hear a click, the unit has been reset. If you do not hear a click, allow the unit to cool for 15 minutes more and push the reset button again. If no click is hear, the problem may not be the reset.
2. Should the above fail, check to make sure you have power to the electrical wall outlet. A good check for this is to take an appliance or lamp you know works and plug it into the wall outlet.
3. If the storage tank is full, unit will not come ON until approximately one to two gallons of distilled water are drawn from the unit.
4. Common causes of machine failure are:
  - a. Unit jarred when nearly full.
  - b. Power failure.
  - c. Power cord pulled from wall outlet.
  - d. Main switch OFF.
  - e. Heating element switch OFF.
  - f. Reset popped.

**NOTE:** If any of the above occurs, drain several gallons of water from the storage tank to check your unit.

**CAUTION: SHOULD IT EVER BE NECESSARY FOR YOU TO INSTALL A PART, ALWAYS DISCONNECT THE UNIT THE ELECTRICAL WALL OUTLET.**

### **COMPRESSOR IS NOISY WHEN OPERATING:**

This may be due to a slight oil blockage and should diminish with operation.

### **WATER IS NOT COLD:**

Contact service center.

### **NO WATER:**

If pump is running (makes clearly audible sound), cooling tank is not full of water. Continue to hold dispenser switch ON until water flows from dispenser outlet tube.

2. If pump does not operate, but a click can be heard when dispenser switch is pressed, the cooling tank may be frozen. Unplug the unit and allow time to thaw. (Due to insulation, thawing time could be from 2-4 hours.)
3. If water still does not flow, consult your Distributor.

**DANGER: ALWAYS DISCONNECT THE UNIT FROM THE ELECTRICAL OUTLET BEFORE INSTALLING PARTS.**

### **INSTALLING THE AUXILIARY FAUCET**

The Aqua Fountain is designed to allow you to run room temperature distilled water to another faucet.

You will need the following parts to install the faucet:

Faucet w/ fittings	P/N 95301K (6" faucet) or 95305K (10" faucet)
Tubing	P/N 9577; 3/8" (need to specify length needed)
Elbow Connector	P/N 9614; 3/8"T x 3/8"S (optional)

1. Wrap the threads of the sink faucet with Teflon tape. When wrapping the threads, wrap two complete turns clockwise with the threads facing you. The Teflon tape is used to keep the fittings from leaking.
2. Turn the pump switch to the OFF position.
3. Install the faucet on the sink. Thread the female connector onto the faucet and slip the 3/8" tubing all the way into the female connector. Tighten the nut snugly. Remove the plug from the auxiliary water outlet and install the other end of the 3/8" tubing (or the #9614 elbow for a 90° angle) into the bulkhead fitting onto the Aqua Fountain.
4. Be sure to run the Aqua Fountain according to the instructions and be certain there is at least 2 gallons of water in the storage tank before drawing water through the faucet.
5. Turn the pump switch to the ON position.
6. To clean the 3/8" tubing of any foreign matter, draw about one gallon of water through the faucet.



## HOW TO ORDER REPAIR PARTS

When ordering repair parts, always give the following information: Part number, Part name, Model number, Serial number.

<u>KEY NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>
2	7214	Dispenser (momentary) switch
4	7039	Reset
6	7228	Heating element switch
7	7227	Momentary water switch
10	7052	Pump switch (same as fan switch)
11	7052	Fan switch
12	7225	Main circuit breaker
14	19006	Replacement inline filter
17	5511	Power cord
18	409	Boiling tank lid
19	5502	Water catcher
21	5020	Water catcher screen
22	9508	Boiling tank drain valve
23	9514	Saddle tapping valve kit
25	9505	Distilled Water drain valve (Tomlinson valve)
26		¼" EVA water line tubing
33		Aqua Fountain condensing coil w/fittings
34	7010	Fan blade
35	5509	Motor assembly
38	7201	Micro switch
40	609	Actuating arm
41	7025	Heating element 1500 watt
42	7222	Water solenoid
43	5517	Aqua Fountain demand pump
44	5504	Compressor assembly with cooling tank
46	5515	Temperature control assembly
47	7203	Relay
48	7212	Terminal block

### PARTS FOR LID ASSEMBLY

<u>PART NO.</u>	<u>PART NAME</u>
519	Lid disc
8001	Lid knob
6622	Lid "O" ring
402	Crossbar with stud

### PARTS FOR FLOAT SYSTEM

<u>PART NO.</u>	<u>PART NAME</u>
604	Float "O" ring kit
404	Short float rod assembly

