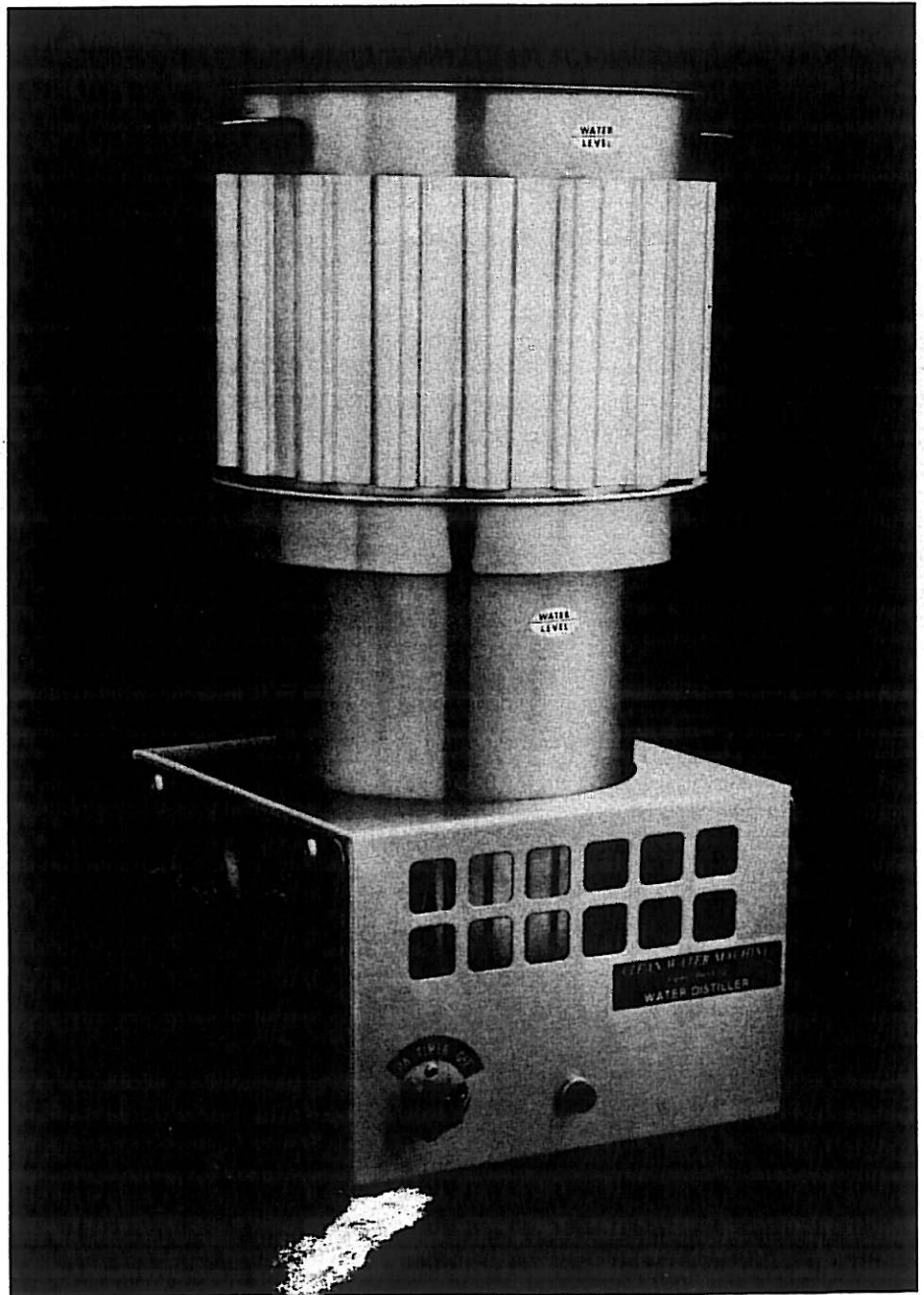


Clean Water MachineTM

INSTRUCTIONS FOR ASSEMBLY AND OPERATION



3725 TOUZALIN / BOX 83226 / LINCOLN, NEBRASKA 68501 / 402-467-2577 9300

**Model and serial number may be found
at the right side of the base.**

**You should record both model and
serial number below for future use.**

Model Number:_____

Serial Number:_____

- 1) PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLING AND OPERATING YOUR NEW UNIT. KEEP THESE INSTRUCTIONS FOR FUTURE USE.
- 2) It is important to fill out and return the warranty card which is included with your instructions. This information is very helpful to us should you ever need parts or repairs for your machine.
- 3) Your distiller has been checked at the factory for leaks, proper working procedure, etc. Therefore, it may have a water ring.
- 4) DO NOT subject your unit to misuse or abuse. Proper cleaning is very important and instructions are included as a part of this booklet.
- 5) When some people start drinking distilled water, they seem to think it has a taste; usually, this is not taste but a lack of taste. The taste buds will become accustomed to this the same as they did to the water in your area.
- 6) PLEASE GIVE CLOSE ATTENTION TO THE FOLLOWING ELECTRICAL PRECAUTIONS:
 - a. Never immerse the unit in water or any other liquid.
 - b. Unplug the unit from the electrical source before putting on or removing parts, and before cleaning.
 - c. Do not use an extension cord.
 - d. The electrical unit should not be operated outdoors or be exposed to the natural elements (rain, snow, and so forth).
 - e. THIS ELECTRICAL APPLIANCE, LIKE ALL OTHERS, SHOULD BE GROUNDED!

**THIS UNIT SHOULD NOT BE OPERATED AND FILLED DIRECTLY
FROM THE KITCHEN SINK WITH THE UNIT CONNECTED TO AN
ELECTRICAL SOURCE AS AN EXTRA PRECAUTIONARY MEASURE.**

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 pan 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 bottom of the boiling pan.

Your unit should be cleaned whenever there is a noticeable amount of mineral build up around the outside of the heating element. The frequency in which the unit is cleaned will vary from one area to another, depending upon the mineral content present in that area.

For cleaning we suggest that you use our industrial grade cleaner called Lumen No. 2 (which may be purchased through your distributor), or a cleaner of your choice. **DO NOT USE AN ABRASIVE CLEANER OR STEEL WOOL CLEANING PADS.**

NOTE: DO NOT CLEAN YOUR UNIT WITH ALCOHOL AS IT WILL RUB OFF THE PRINTING ON THE DECALS.

PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLING AND OPERATING YOUR NEW UNIT. KEEP THESE INSTRUCTIONS FOR FUTURE USE.

Improper cleaning will shorten the life of your Clean Water Machine, and particularly that of the heating element. We recommend cleaning the Condenser, and Boiling Pot whenever the mineral build up becomes noticeable. **DO NOT** let it accumulate to a measurable thickness. When cleaning Condenser and Boiling Pot **DO NOT USE STEEL WOOL.**

Use the following procedure for cleaning Boiling Pot:

1. Make sure the unit is turned "OFF" and disconnected from electrical source.
2. Fill Boiling Pot half full of water.
3. Add cleaning solution-white vinegar, Lumen No. 2, or cleaner of your choice to the water in boiling tank.
 - a. If white vinegar is used, add 1 ½ to 2 cups of vinegar to water.
 - b. If Lumen No. 2 is used, add 2 to 3 tablespoonsful to water.
 - c. If cleaner of your choice is used, use manufacturer's recommended dosage.

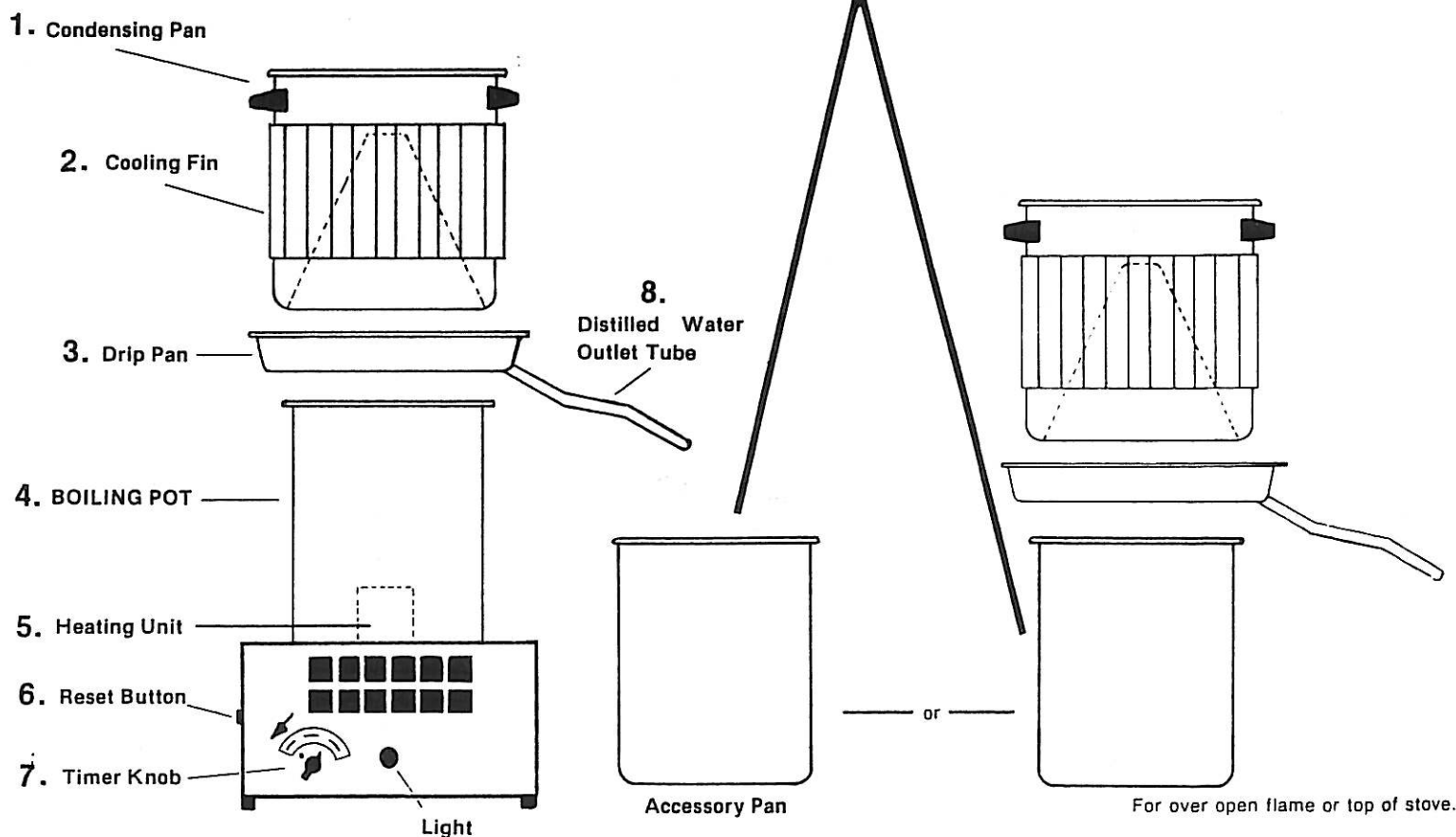
(The amount of cleaner you use may need to be increased depending upon the kind and type of mineral deposits in your boiling pot.)

4. Mix well.
5. Fill Boiling Pot with water to the water level. (DO NOT OVERFLOW.)
6. Let solution stand overnight or until the mineral content softens.
UNDER NO CIRCUMSTANCES SHOULD THE CLEANING SOLUTIONS BE HEATED and run through a distillation cycle.
7. The next morning drain and rinse the boiling tank thoroughly.
AS AN EXTRA PRECAUTIONARY MEASURE ■
LIKE ALL OTHER ELECTRICAL APPLIANCES, THIS UNIT SHOULD NOT BE OPERATED AND FILLED DIRECTLY FROM THE KITCHEN SINK WITH THE UNIT CONNECTED TO AN ELECTRICAL SOURCE.

INSTRUCTIONS FOR USE OF CLEAN WATER MACHINE

1. Before using the distiller it is advisable to thoroughly wash and rinse the Drip Pan; and the underside of the Condenser.
2. Fill the Boiling pot (4) with water (either hot or cold--hot water will allow the distiller to produce a few more ounces) to within approximately 1" of top.
3. Place the Drip Pan (3) and Condenser (1) in Position. Put Drip Pan outlet tube (8) on Drip Pan.
4. Fill Condenser (1) with cold water to within approximately 1" of top.
5. Place clean container capable of holding at least two quarts under the spout of the drip pan.
6. Plug heater cord into 110-120 Volt A.C. outlet. **THIS ELECTRICAL APPLIANCE, LIKE ALL OTHERS SHOULD BE GROUNDED.**
7. Set timer by turning pointer (7) counter-clockwise to pin stop.
8. Distiller will run about 3 hours, and produce approximately two quarts of pure water.
9. **CAUTION - When Unit Is Hot Do Not Attempt To Pour The Water From The Condensing Pot To The Lower Pan As You May Scald Yourself. Allow The Unit To Cool First.**

Remove Condensing Pan and Drip Pan, place on top of our new Accessory Boiling Pan for use on open flame or stove.



NOTE: Machine is equipped with an overheat protective thermostat [on the side of the machine]. If the timer should fail, and the Boiling Pot boils dry, the thermostat will shut off the power. The machine can be restarted, as soon as it cools, by pressing in the button on the back-until it clicks.

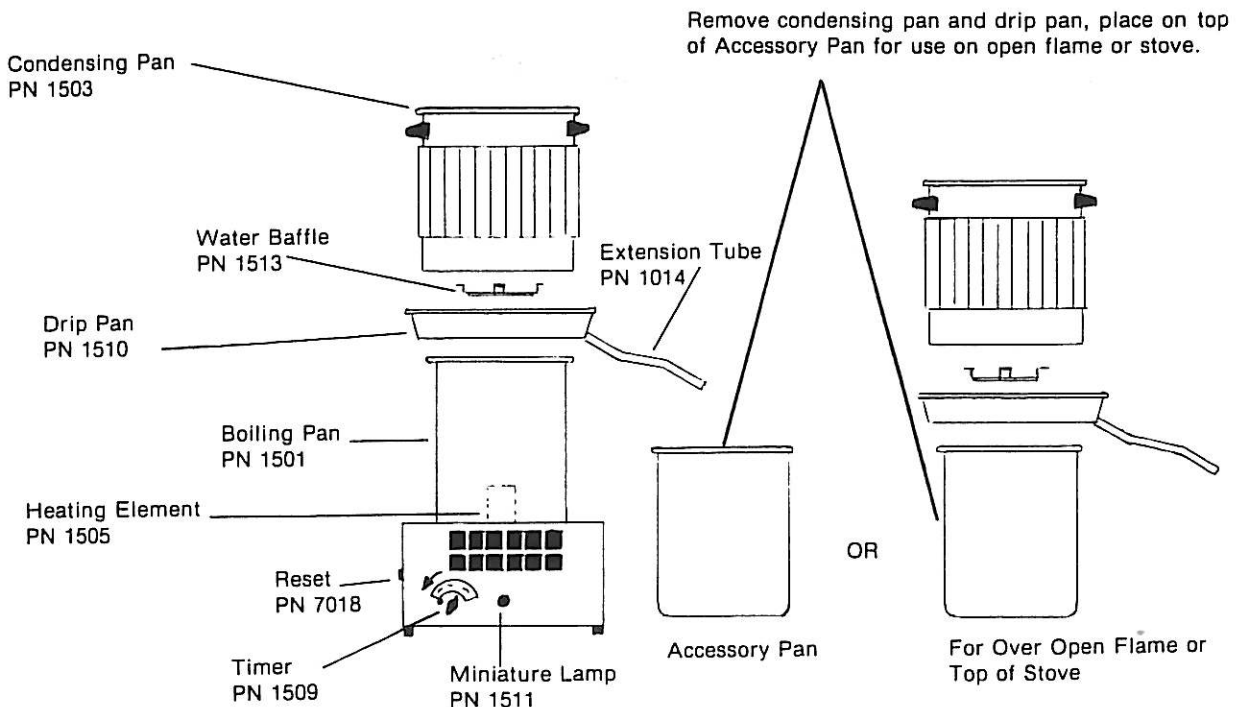
Use the following procedure for cleaning:

1. Make sure the unit is turned "OFF" and disconnected from the electrical source.
2. Drain the boiling pan.
3. Fill boiling pan half full of water.
4. Add cleaner.
(The amount of cleaner you use may need to be increased depending upon the kind and type of mineral deposits in your boiling pan.)
When Lumen No. 2 or another commercial cleaner is used, follow the directions on the package.
5. Mix well.
6. Fill boiling pan with water to the bottom of the water level gauge.
7. Let solution stand overnight or until the mineral content softens. **UNDER NO CIRCUMSTANCES SHOULD THE CLEANING SOLUTIONS BE HEATED AND RUN THROUGH A STEAM STERILIZATION OR DISTILLATION CYCLE.**
8. The next morning drain and rinse the boiling pan thoroughly.
9. Be sure to refill the unit with water before beginning to distill water again.

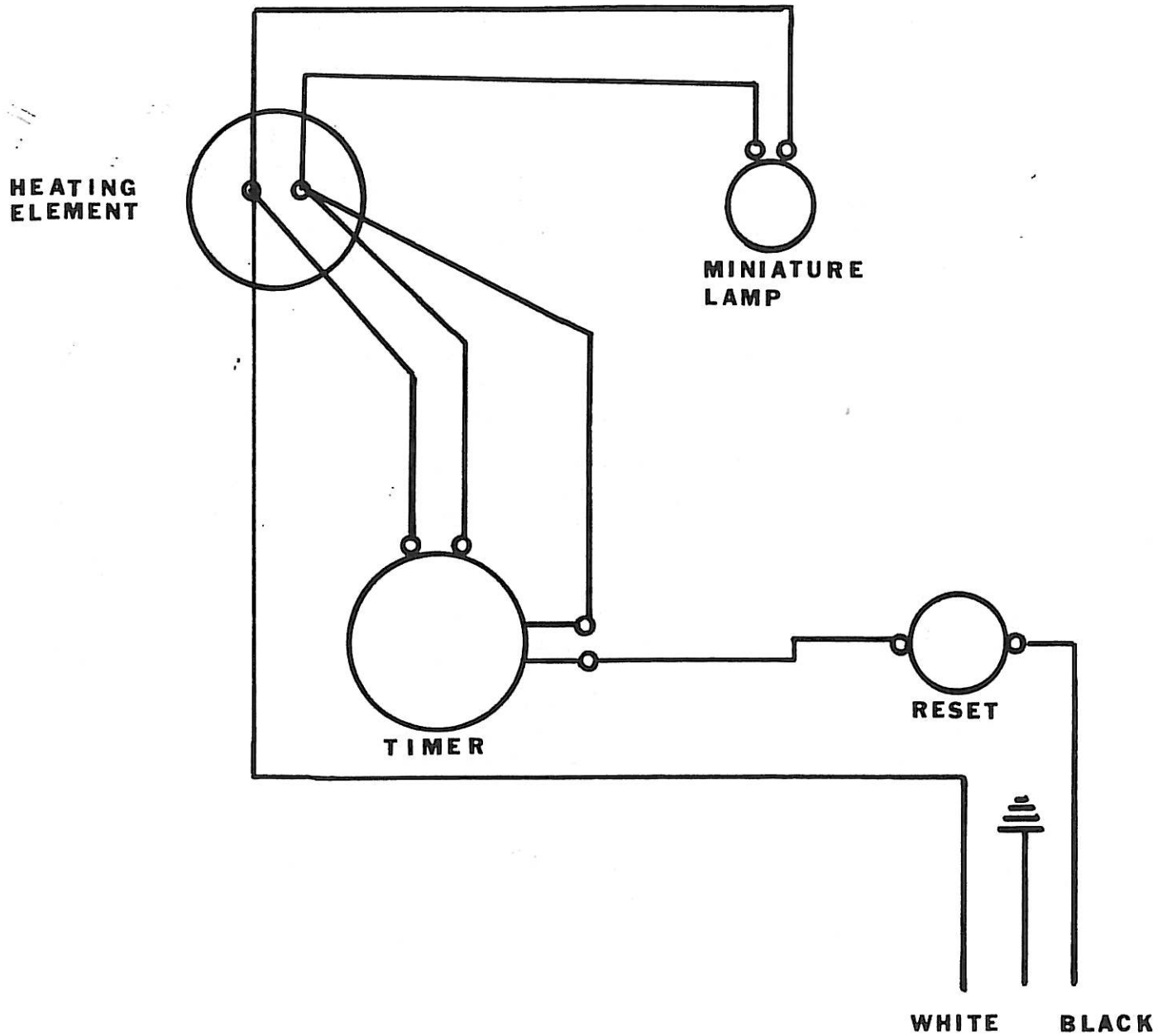
INSTRUCTION FOR USE OF CLEAN WATER MACHINE

1. Before using the distiller it is advisable to thoroughly wash and rinse the inside of boiling pan, drip pan and the condensing pan.
2. Clip the water baffle into the drip pan.
3. Fill the boiling pan with water to approximately 1" of top. (The water baffle may be used as a water level gauge.)
4. Place the drip pan with water baffle and condensing pan in position. Install the extension tube on drip pan outlet tube.
5. Fill condensing pan with cold water to within approximately 1" of top.
6. Place clean glass or stainless steel container capable of holding at least two quarts under the extension tube.
7. Plug power cord into 110-120 Volt A.C. outlet. **THIS ELECTRICAL APPLIANCE, LIKE ALL OTHERS SHOULD BE GROUNDED.**
8. Set timer by turning timer knob counter-clockwise to timer stop.
9. Distiller will run approximately 3½ hours.
10. **CAUTION: WHEN UNIT IS HOT DO NOT ATTEMPT TO POUR THE WATER FROM THE CONDENSING PAN TO THE BOILING PAN AS YOU MAY SCALD YOURSELF. ALLOW THE UNIT TO COOL FIRST.**

NOTE: Machine is equipped with an overheat protective reset (on the side of the machine). If the timer should fail, and the boiling pan boils dry, the reset will shut off the power. The machine can be restarted, as soon as it cools, by pressing in the reset button on the unit until it clicks.



C W M WIRING DIAGRAM



Clean Water Machine Parts List

<u>Part #</u>	<u>Description</u>
<u>Price</u>	
1501	Boiling Pan Assembly CWM
1503	Cond. Pan Assembly, CWM
1510	Drip Pan, Polished, CWM
1014	Extension Tube, CWM
613	Heater & Gasket, CWM
1511	Lamp, miniature, CWM
7018	Reset, CWM
640	Timer, comp. w/ butt conn.
1513	Water baffle assembly, CWM