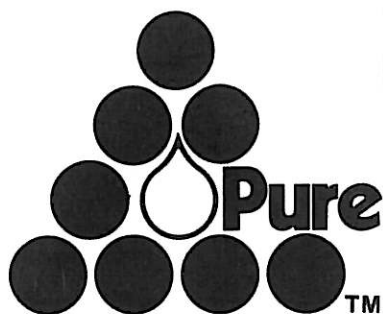
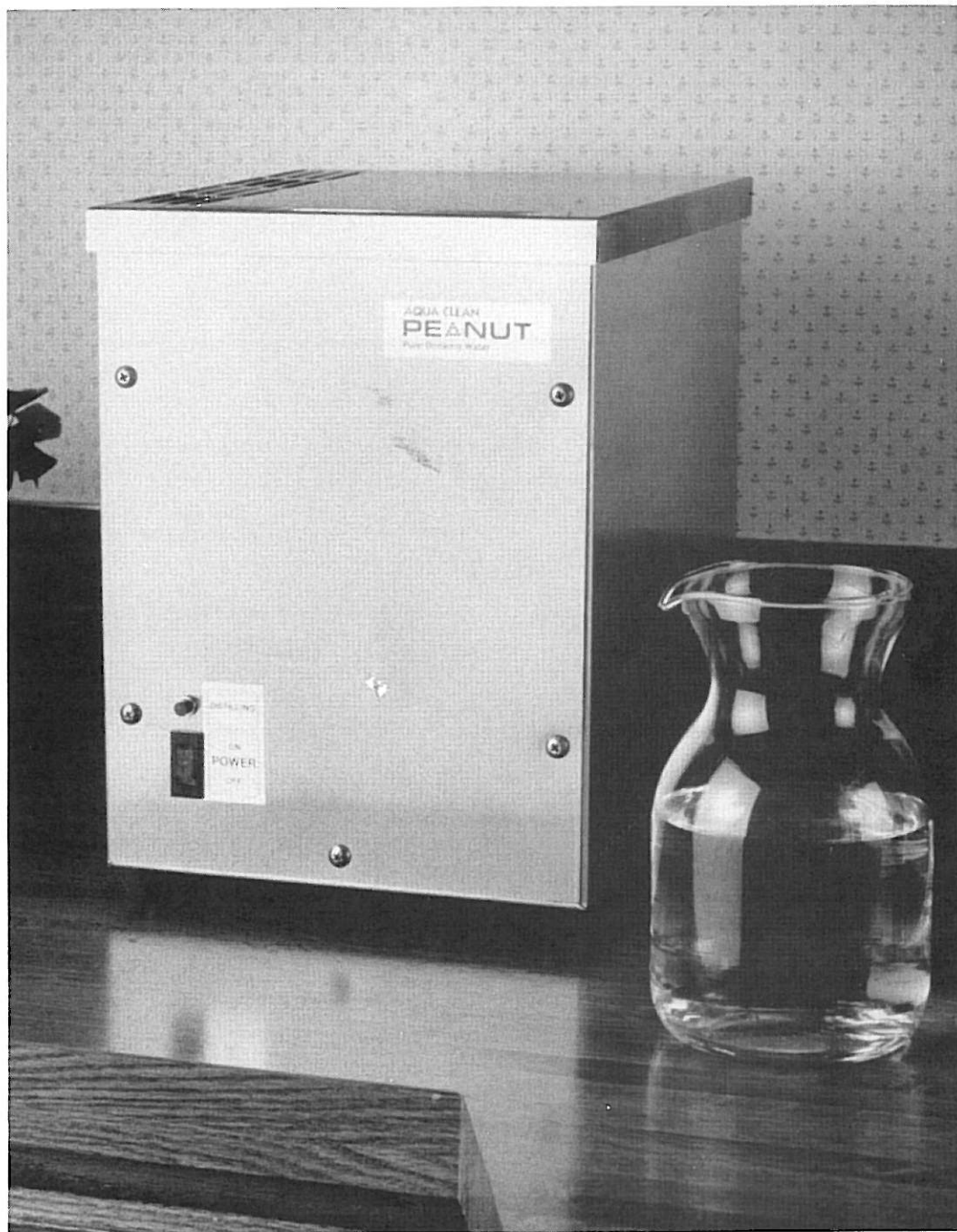


# Aqua Clean™ PEANUT™

INSTRUCTIONS FOR OPERATION



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

## **DISTILLATION**

Contaminated water in the boiling tank is turned into steam by the energy from the electrical heating element.

Contaminants remain in the tank while pure water vapor (steam) is driven off and condensed back into water by the condensing coils.

The contaminants become concentrated in the boiling tank and must be frequently dumped to drain. A good practice is to drain the residual from the tank before each new distillation cycle. This will ensure maximum purity of the distilled water and it will greatly reduce the need to chemically clean the boiling tank.

Traces of some chemicals with structures similar to water can pass over with the steam. The two small holes in the condensing coil help remove this type of 'volatile'.

No single system is capable of removing all the contaminants that can occur in tap water. DISTILLATION, because it successfully removes the widest spectrum of potential contaminants, offers you and your family the best possible protection of any single system available.

Model and Serial Number may be  
found on the back panel.

You should record both model and  
Serial Number below for future reference.

MODEL: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

## **PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE OPERATING YOUR NEW UNIT.**

- 1) It is important to fill out and return the Warranty Card. This information is helpful to us should you ever need parts or repairs for your unit, or in the unlikely event of a product recall.
- 2) Your distiller has been checked at the factory for leaks, proper working procedure, etc. It may therefore have traces of a water ring around the boiling tank.
- 3) The tank has been Heliarc welded, and as you distill the mineral contaminants may be precipitated preferentially on the weld and have the **appearance** of rust. The tank is fabricated from 304 Stainless Steel and the appearance of the seams should not be a matter for concern.
- 4) **DO NOT** subject your unit to misuse or abuse. Regular cleaning of the boiling tank is very important (see Section: **CLEANING INSTRUCTIONS**)
- 5) Because distilled water has had chemical contaminants removed it will taste 'different' to the tap water to which your taste buds have become accustomed. After a short time they will accept this new taste as 'normal'.

We recommend you keep the box in which the unit was packaged. It will be useful should you decide to take your distiller with you on vacation, or in the unlikely event the unit needs to be returned to the factory, or service center, for repair.

### **ELECTRICAL — GENERAL**

This appliance uses electricity to heat the water in the boiling tank and to drive the cooling fan which helps steam condense in the finned condensing coils.

Sensible precautions should be observed:

- a) **NEVER** immerse the unit in water or any other liquid.
- b) **NEVER** operate the appliance with a damaged cord. Do not let the cord hang over a sharp edge, such as a counter top or table, or be exposed to hot surfaces.
- c) **DO NOT** use an extension cord.
- d) The unit is designed to be operated indoors.
- e) We recommend the unit be unplugged from the wall outlet if it is to be filled directly from the kitchen faucet.
- f) The unit should be unplugged from the wall outlet before either the front or back panels are removed.

### **ELECTRICAL — INSTALLATION**

The distiller comes wired with a three prong plug that incorporates a ground wire for operator protection.

**THIS PLUG MUST BE PLUGGED DIRECTLY INTO A COMPATIBLE WALL OUTLET SUPPLYING 120 VOLTS AC WITH PROPER GROUNDING.**

The circuit should be protected by a 15 amp time delay or circuit saver, or a 15 amp circuit breaker.

**IF YOU ARE NOT SURE THAT YOUR OUTLET IS PROPERLY GROUNDED OR THAT THE CIRCUIT PROTECTION IS CORRECT, HAVE IT CHECKED BY A QUALIFIED ELECTRICIAN.**

## OPERATION

### STEAM STERILIZATION

The unit has been run at the factory to ensure it operates correctly.

We recommend you run the unit through a steam sterilization cycle, prior to distilling water for consumption, to ensure complete cleanliness and sterility of the stainless steel components that will be in contact with the distilled water.

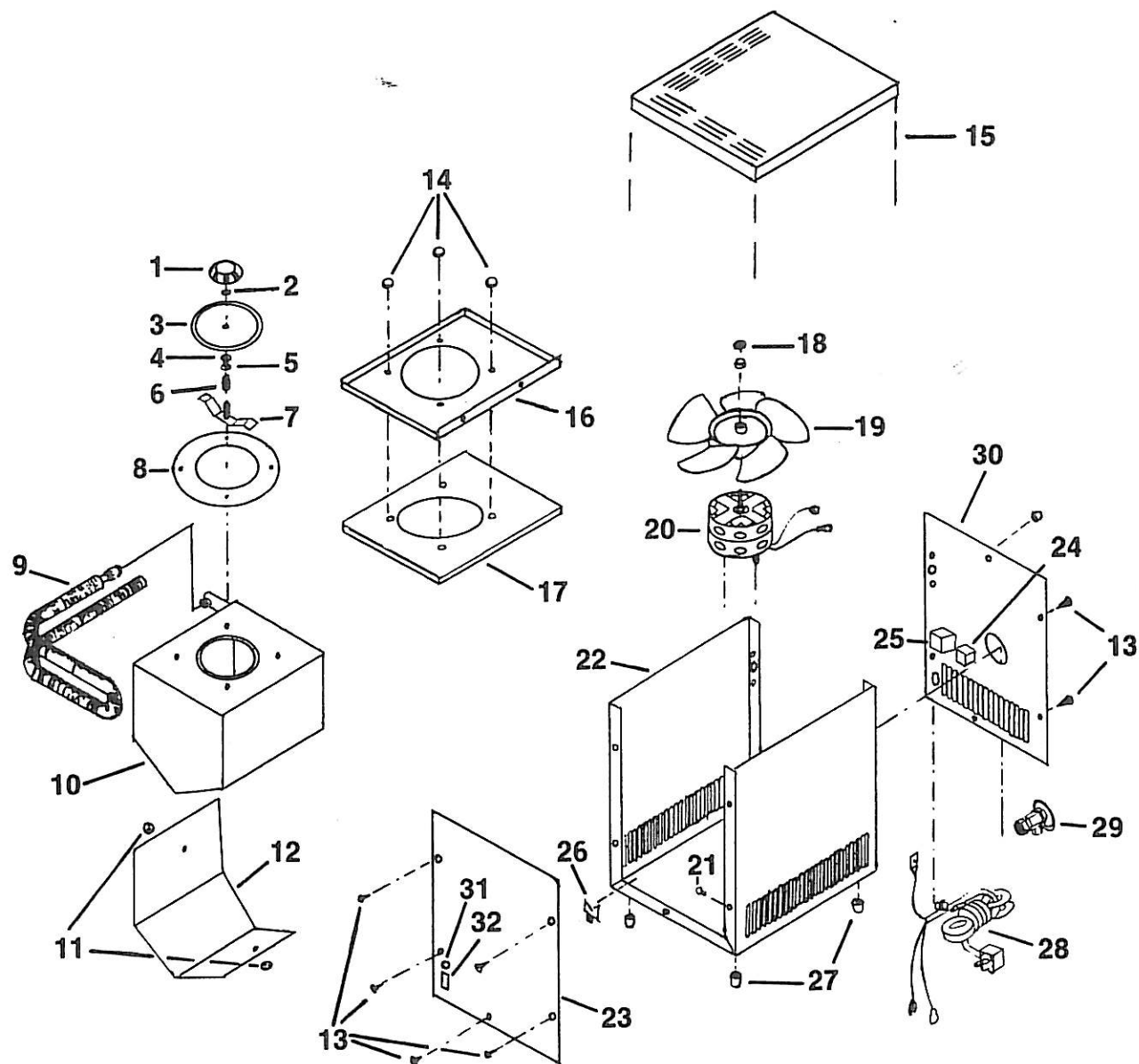
- 1) Ensure the main switch has been turned off.
- 2) Remove the top cover to expose the boiling tank top. Remove the lid by loosening the black knob and tipping the lid slightly.
- 3) Using a jug or similar container carefully fill the tank to no higher than the bottom of the water level stud.
- 4) Replace the lid and tighten to ensure the tank is sealed. There is no need to overtighten. Replace the top cover.
- 5) Place a suitable container under the coil outlet.
- 6) Change the switch on the back panel to 'STERILIZE'.
- 7) Turn the POWER switch ON.
- 8) Once boiling commences steam and hot water will exit from the outlet of the condensing coil. The cooling fan will not be operating.
- 9) After approximately 30 minutes turn the POWER switch OFF. Position the unit adjacent to the sink and carefully open the drain valve. BE CAREFUL OF HOT WATER THAT WILL DRAIN FROM THE BOILING TANK.
- 10) After draining has been completed close the valve and return the switch on the back panel to 'DISTILL'.

### DISTILLATION

- 1) Ensure the POWER switch is OFF.
- 2) Drain the residual from the boiling tank.
- 3) Remove the top cover to expose the boiling tank top. Remove the lid by loosening the black knob and tipping the lid slightly.
- 4) Using a jug or similar container carefully fill the boiling tank to no higher than the bottom of the water level stud. FILLING HIGHER THAN THIS LEVEL CAN RESULT IN NON-DISTILLED WATER CARRYING OVER AND CONTAMINATING THE DISTILLED PRODUCT. The use of hot water to fill the boiling chamber will speed up production and reduce the time to distill a certain quantity of water.
- 5) Replace the lid and tighten to ensure the tank is sealed. There is no need to overtighten. Replace the top cover.
- 6) Place a clean container under the coil outlet. This must have a capacity greater than the quantity of water added to the boiling tank. We strongly recommend that the container be made of either stainless steel or glass. Prior to use it should be well cleaned with hot soapy water and rinsed thoroughly.
- 7) Turn ON the POWER switch. The green 'DISTILLING' light will illuminate.
- 8) When the GREEN light goes out the Distillation Cycle has been completed. This will take approximately 4 hours.
- 9) When convenient turn the POWER switch OFF and place the distilled water in a refrigerator, or cover to prevent recontamination.

#### NOTE:

After the distillation cycle has been completed the unit must be turned OFF before a further cycle can be started. This is required to reset the automatic mechanism that shuts the unit down when the boiling tank is close to empty.



Code	Part No.	Description	Code	Part No.	Description
1	8002	Lid Knob	20	2530	Fan Motor
2	6022	Lid 'O' Ring	21	9047	Speed Nut, J-Type
3	519	Lid Disc	22	2531	Base
4	6049	Crossbar Gasket	23	2028	Front Cover
5	9009	S. S. Washer	24	7052	Fan Switch
6	9085	Lid Spring	25	7206	Relay
7	402	Crossbar With Stud	26	7230	Cable Holder
8	6010	Cover Gasket	27	8011	Feet
9	9545	Condensing Coil	28	2529	Power Cord
10	2532	Boiling Tank Assembly w/Elements	29	9508	Drain Valve
11	9044	Hex Nut	30	2029	Back Cover
12	2035	Deflector Plate	31	2533	Distilling Lamp
13	9029	Sheet Metal Screws	32	7232	Power Switch
14	9039	S.S. Cap Nuts	33	7040	Thermostat
15	2030	Distiller Top Cover	34	509	Bottle Hook
16	2036	Boiling Tank Tray	35	518	Drain Extension Tube
17	6029	Boiling Tank Top Insulation	36	2018	Condensing Coil Extension Tube
18	9092	Push Fastener			
19	7010	Fan Blade			

## CLEANING

PROPER CLEANING IS IMPORTANT FOR MAINTAINING HIGH QUALITY DISTILLED WATER AND FOR TROUBLEFREE OPERATION.

YOUR UNIT SHOULD BE CLEANED WHENEVER THERE IS A NOTICEABLE BUILD UP OF MINERAL AROUND THE INSIDE OF THE BOILING TANK. The frequency of cleaning will vary from one area to another and will depend upon the mineral content of the water.

We recommend that you use our industrial grade cleaner called LUMEN II which can be purchased through your Distributor.

ABRASIVE CLEANERS AND/OR STEEL WOOL CLEANING PADS WILL DAMAGE THE SURFACE AND SHOULD NOT BE USED.

DO NOT USE ALCOHOL TO CLEAN THE EXTERIOR OF THE UNIT AS IT WILL REMOVE THE PRINTING ON THE DECALS.

### CLEANING PROCEDURE

- a) Make sure the unit is turned OFF and disconnected from the electrical outlet.
- b) Drain the Boiling Tank.
- c) Fill the tank approximately half full of water.
- d) Add Cleaner. Follow the directions on the LUMEN II Package.
- e) Mix well.
- f) Add hot water until the level reaches the bottom of the water level stud.
- g) Let the unit stand overnight, or until the mineral lining softens. DO NOT OPERATE THE UNIT WITH CLEANING SOLUTION IN THE TANK.
- h) Drain and rinse the boiling tank thoroughly.

---

### 'PEANUT' WIRING DIAGRAM

