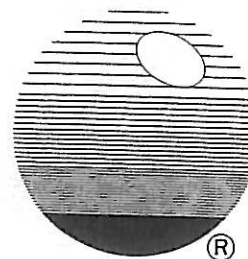
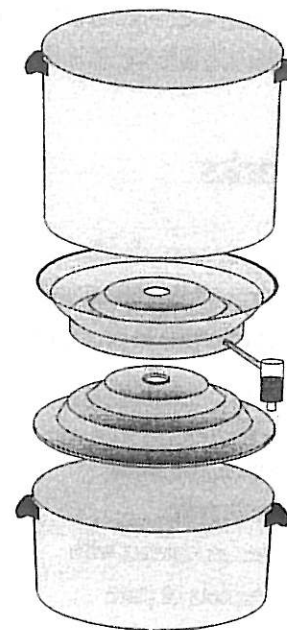


# e-Still™

## Owners Manual



**PURE  
SURVIVAL™**

## Congratulations on Your Purchase

Congratulations on purchasing the e-Still™ Emergency Distilled Drinking Water System. You have made a wise decision in providing you and your family a means of producing distilled drinking water in the event of an extreme emergency. We hope that you never have to use the e-Still, but knowing it will provide safe drinking water is one less strain during a time of need. Please read through this manual thoroughly before operating the e-Still for the first time and before each use. Follow all instructions for operation and storage to ensure the unit is ready for your next emergency.

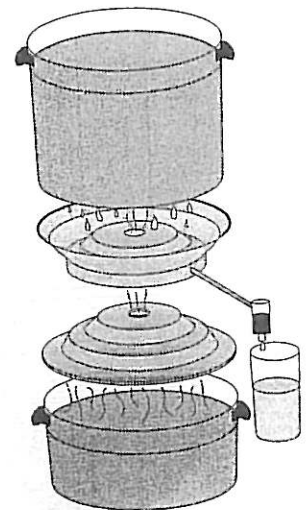
## How the e-Still Works

The e-Still is designed to provide pure distilled water in an emergency by using an alternative heat source when electricity is not available. The operation of the unit is simple, yet effective in providing safe drinking water.

There are two guiding principles at work:

- when water is boiled, the steam created is extremely pure.
- when steam comes in contact with a cold surface, droplets of pure water form and are collected.

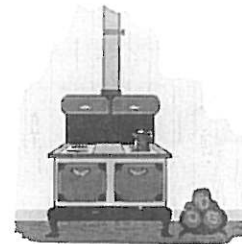
In the e-Still, source water is boiled in the bottom pan and the steam rises up through the bottom adaptor disk. The steam comes in contact with the bottom surface of the top pot, which contains cold water. The water droplets collect in the top adaptor disk and flow through the extension tube, through a carbon post filter and collected in a glass or other appropriate container.



## What to Expect from Your e-Still

- The drinking water produced by the e-Still is generally 99.99% pure.
- The e-Still will begin producing water approximately 10 to 15 minutes after cycle is started.
- It can produce 24 ounces of pure water in one batch.
- The production time will depend on the heat source, but it is typically 30 to 40 minutes per batch.

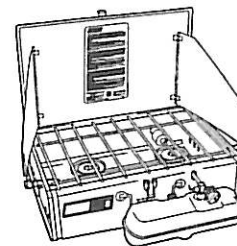
## What Heat Sources Can I Use?



**Wood-burning Stove**



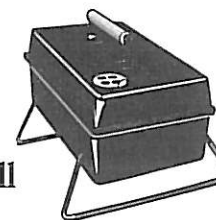
**Charcoal Grill**



**Coleman-type stove**



**Open Fire**



**Tabletop Grill**

### **CAUTION:**

**Never use a small vertical propane burner as this device is unstable.**

## Cautions & Warnings

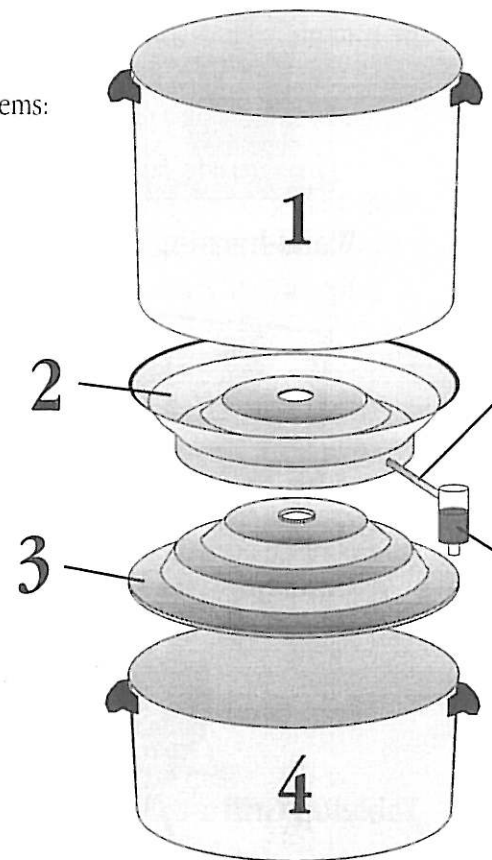
- This unit is for operation in emergency situations only. It is not intended for everyday use.
- Always use the e-Still on a flat and stable surface.
- Use extreme caution when handling the e-Still during the purification process. All parts of the e-Still become extremely hot during operation. Keep away from children.
- Only use the pots and pans provided. The e-Still will not operate correctly with improper-fitting pans.
- Never let the bottom pan boil dry.
- Never leave the e-Still unattended during operation.

## Operation of the e-Still

The e-Still consists of the following items:

1. 8-quart cooling pot
2. upper adaptor disk
3. lower adaptor disk
4. 3-quart boiling chamber
5. stainless steel extension tube
6. carbon post filter
7. silicone tubing (not shown)

**Note:** We recommend operating your e-Still when first received in order to test and understand its operation. During this initial use, **do not** connect the post filter. If the post filter is connected, it must be used within 30 days, otherwise the threat of bacteria is present and it must be replaced.



## Producing Distilled Water

1. Locate a suitable energy source, but leave off until the e-Still is in place.
2. Fill the 3-quart boiling chamber with water until it reaches the fill line or approximately 1" from the top of the pan. **Note:** It is imperative that you fill the boiling chamber to the correct level, or you will not produce 24 ounces of water and thus, may boil the pan dry.
3. Place the lower adaptor disk on the boiling chamber as shown in Figure 1.
4. Place the upper adaptor disc on top of the lower disk ensuring the holes in each disk are aligned. See figure 2. Make sure the stem of the upper adaptor disk is in a convenient location and is pointing down.
5. Fill the 8-quart cooling pot with cold water to the fill line or approximately 1" from the top of the pot. Place the cooling pot on top of the upper adaptor disc. See figure 3. Make sure all pots and disks are stable.
6. **Note:** Remove the cap on each end of the post filter. Connect the post filter onto the extension tube. **Note:** Silicone tubing is included for applications where additional length is needed to get distance from the heat source. If using the silicone tubing, make sure the tubing is sloped downward otherwise the water will flow back into the adaptor disk.

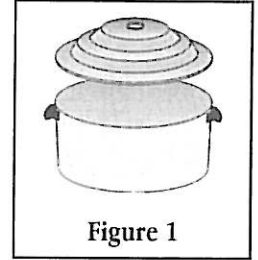


Figure 1

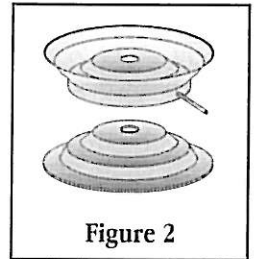


Figure 2

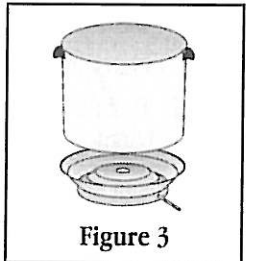


Figure 3

7. Place a glass or heat-resistant container under the post filter to collect the distilled water. See figure 4.
8. Start the energy source at medium heat. Adjust the heat if necessary. **Caution: DO NOT** leave the e-Still unattended.
9. In approximately ten to fifteen minutes, pure water should start to flow into the container. **Note:** If steam or water leaks from the bottom disk, turn down the heat slightly.
10. After 24 ounces of distilled water has been produced (approximately 30-40 minutes), turn off the energy source and allow the e-Still to cool for twenty minutes. Also allow the distilled water to cool before consumption. **Note:** Another indication that the cycle is complete is that water will no longer drip into the glass, just constant steam.
11. After all parts of the e-Still are cool, lift the top pot and adaptor disks off the boiling pan and discard the remaining water in the boiling chamber. This water will contain the contaminants.
12. If making another batch of distilled water, pour the hot water from the cooling pot into the boiling chamber. This will conserve energy as it will take a shorter amount of time to boil since it is hot. Discard remainder of water in cooling pot.
13. Fill the cooling pot with cold water and repeat cycle.

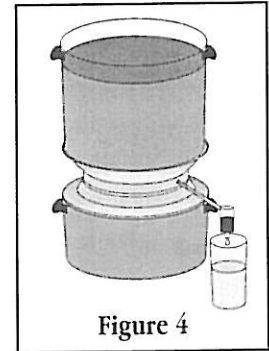


Figure 4

## To Store the e-Still

1. Disconnect post filter and silicone tubing. **Note:** If you do not use the e-Still within 30 days of its previous use, you **must** discard the post filter.
2. Disassemble the adaptor disks and pans.
3. Allow all parts to dry thoroughly.
4. Rewrap pans and disks and return to original packing boxes.
5. Keep owners manual with unit, as you may need to refer to it for future use.

## Warranty

The upper and lower adaptor disks of the e-Still are warranted by Pure Water, Inc. to the original user to be free from defects in materials and workmanship for a period of five (5) years from the date of manufacture.

Any defective upper or lower adaptor disk from the e-Still will be replaced free of charge during the warranty period when the defective part is returned freight paid to: Customer Service Department, Pure Water, Inc., 3725 Touzalin Ave., Lincoln, NE 68507. The replacement part will be returned to the original purchaser, freight collect.

This warranty specifically excludes damage incurred during shipping, abuse, misuse (including everyday use), or any damage resulting from the failure of the user to follow manufacturer's directions. No warranty is provided for corrosion of stainless steel parts due to contact with chlorides.

In order for this warranty to be effective, the user must return the warranty card postmarked no later than 10 days from the date of purchase. Other than as stated above, Pure Water, Inc. makes no representation or warranty of any kind, express or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose.

In no event will Pure Water, Inc. be liable for incidental or consequential damages. This warranty gives you specific legal rights and you may have other rights that vary from state to state.

## Replacement Parts

<u>Part #</u>	<u>Description</u>
#1996	Adaptor Discs (2); complete with post filter and silicone tubing
#9541	Silicone Tubing, by the foot
#1994B	8-Quart Top e-Still Pot
#1994A	3-Quart Bottom e-Still Pan
#19021	Post Filter, 2 pak

These replacement parts are available through your Pure Survival Wholesaler, Dealer or Distributor. To find the Wholesaler in your area, please call Pure Water, Inc. at 800-875-5915 or 402-467-9300.

