

**miniSILVERATOR RECHARGE**  
 Rechargeable Filter for use  
 in Reverse Osmosis Water Treatment Units  
**CAUTION: KEEP OUT OF  
 REACH OF CHILDREN**  
 See the instructions booklet for use  
 and for proper care  
 DISPOSAL: When contents are exhausted  
 and a replacement has been ordered  
**ACTIVE INGREDIENTS: Silver 0.624%**  
**INERT INGREDIENTS 99.376%**  
 \*As other uses, also consult other code  
 EPA Registration No. 37310-6  
 EPA Establishment No. 37310-LA-01  
 ASSOCIATED FILTRATION TECHNOLOGIES  
 7424 Santa Anita Avenue, Culver City, CA 90230  
**M** NET CONTENTS: 2.0 Liter (0.68 Quart)  
 Water Treatment Media  
 Model 82828

ACCEPTED  
 WITH RESERVATIONS  
 IN EPA REG. NO. 37310-6

NOV 08 1980

37310-6



**MINI SILVERATOR<sup>®</sup>**  
**MINI BOOSTER<sup>®</sup>**

**INSTRUCTION MANUAL**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

NOV 08 1983

U.S. Environmental Protection Agency  
EPA  
Region 1  
PA-101  
37370-6



## THE CONCEPT OF THE PORTABLE WATER TREATMENT SYSTEM

A system designed to provide clear, good tasting drinking water. The system is composed of the miniBOOSTER to treat raw water to render it microbiologically potable for drinking and the water treatment unit to serve as a long-term, low cost, portable water to provide clear, good tasting drinking water. The system is designed to be used for a minimum of 1000 gallons of water.

## HOW THE SYSTEM WORKS

The unit operates by gravity. You pour tap water or water treated with miniBOOSTER in the top and clean, filtered water comes out the bottom. It is a very important water charcoal unit in which the activated charcoal granules have been specially infused with trace amounts of silver. Silver is a potent natural water purifier. With this power pack as the filter, you can get high quality treated water's produced. Activated charcoal is the most beautiful support, performs dependably, and is a desirable contaminant in the water while the silver granules in the silver inhibit the growth of bacteria within the charcoal bed.

You have purchased a scientifically designed portable water treatment system that will take up a minimum of space in your luggage. It is compact, easy to use, and the system looks like a normal, everyday configuration of a water filter.

The system is capable of providing clean, clear water for up to 2 years before the granules need to be replaced. The system is designed to be used for a minimum of 1000 gallons of water.

- There are two basic components to the system:
- A. THE POURING CUP:** This is the top cup of the system. It is used to pour water into the treatment section.
  - B. THE FUNNEL CUP:** This is the bottom cup of the system. It is used to receive the treated water after it passes through the treatment section.
  - C. THE TREATMENT SECTION:** This is the middle section of the system. It contains the activated charcoal and silver granules.

**THE RECEIVING CUP:** This is the bottom cup that receives the treated water after it passes through the treatment section. The unit is constructed of durable plastic for long life.

## ASSEMBLING THE UNIT (See Figure 2)

1. First, the POURING CUP is inserted clockwise and the funnel is nested up the TREATMENT SECTION and the RECEIVING CUP.
2. Next, the POURING CUP is inserted clockwise and the funnel is nested up the TREATMENT SECTION and the RECEIVING CUP. The plastic grid in the narrow end of the funnel is at the top.
3. Now place the FUNNEL CUP in the TREATMENT SECTION with the wide end up. The narrow end is at the top of the TREATMENT SECTION.
4. Finally, the POURING CUP is inserted at the top.

## RE-ACTIVATING THE UNIT

Your unit will treat approximately 1000 gallons of water depending on the amount of water you use. The water is treated by the activated charcoal and silver granules in the unit. The unit is designed to be used for a minimum of 1000 gallons of water.

## BACKWASH PROCEDURE

1. First, the unit is placed in a bucket of water.
2. The pressure of the water will backwash the unit and the water will be treated.
3. The TREATMENT SECTION is removed from the unit and the water is poured out.
4. The TREATMENT SECTION is placed in a bucket of water and the water is poured out.
5. The TREATMENT SECTION is placed in a bucket of water and the water is poured out.
6. The TREATMENT SECTION is placed in a bucket of water and the water is poured out.

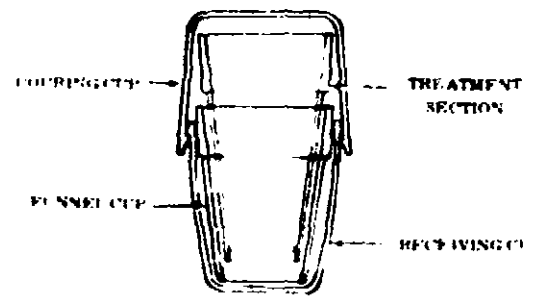


Figure 1



Figure 2

#### RECHARGING THE UNIT

If you have treated approximately 1050 gallons of water and/or periodic backwashing no longer increases the flow rate of the unit, it is time to recharge the TREATMENT section. This is accomplished by replacing the filter section with a new RECHARGE.

- 1 Remove the 3 screws on the bottom plate of the TREATMENT section.
- 2 Expel the used media by gently tapping the side of the unit over newspaper. Wrap in newspaper and discard contents in trash.
- 3 Rinse and clean the TREATMENT section thoroughly.
- 4 Pour the RECHARGE media into the TREATMENT section.
- 5 Place the dacron pad over the fresh media.
- 6 Replace the bottom retaining plate of the TREATMENT section and reset the 3 screws.
- 7 Activate the new RECHARGE media by following the initial backwash instructions.

Your unit is now ready to use.

#### USING THE miniBOOSTER WITH THE WATER TREATMENT UNIT

After activation, the unit is ready to use anytime, anywhere. Do not use hot water, salt water or any liquid other than water. The use of miniBOOSTER is required when treating clear water that comes from any source except municipally supplied tap water in the home. Simply add 5 drops of miniBOOSTER to the water in the POURING CUP, mix thoroughly and allow to stand for at least 10 minutes prior to pouring through the unit. See label on miniBOOSTER.

The Water Treatment Unit has been thoroughly tested to ensure that the silver concentration will never exceed the maximum level of 50 parts per billion allowed for potable water.

#### GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

EPA Registration Number: 37370-2

EPA Registration Number: 37370-3

EPA Registration Number: 37370-4



#### ADVANCED FILTRATION TECHNOLOGY

2424 Hayes Avenue  
CONCORD, CALIFORNIA 94527  
(415) 825-9119

Advanced Filtration Technology  
2424 Bates Avenue  
Concord, CA 94520

08 NOV 1983

Attention: John P. Schlosinger  
Vice President

Gentlemen:

Subject: MiniSilverator Recharge Bacteriostatic  
Water Treatment Media  
EPA Registration No. 37370-6  
Your Submission Received October 12, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

This labeling is being accepted with the understanding that the following changes will be made prior to the shipment of this product bearing the amended labeling:

- a. Delete "Bacteriostatic Portable Water Unit" at the top of the label. The complete name of this product is MiniSilverator Recharge Bacteriostatic Water Treatment Media.
- b. Revise the Net Contents statement to read as previously indicated on the last accepted label, or as follows:  

Net Contents: 25 cu. in. of bacteriostatic water treatment media.
- c. Change "1050 gallons" to read "1000 gallons" everywhere it appears in the Instruction Manual.

Five copies of the revised label and Instruction Manual should be submitted for inclusion in this file.

Sincerely yours,

*JLF*  
John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

REFERENCES							
SYMBOL							
SURNAME							
DATE							