

PM 30 64005-9

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Recovery Engineering, Inc.
Voyageur-Advance Formula: External Packaging (box)
January 17, 1997
Pre-release B: 1/17/97
Filepath: Voyageur\rev4\box2draf.doc

Top Panel	Water System	Microorganisms Eliminated
Protection Level	Microbiological Water Purifier	Eliminates Viruses, Bacteria, and Giardia

Front Panel

Sub VOYAGEUR™ PUR® MICROBIOLOGICAL WATER PURIFIER
NEW
MADE IN THE USA

- LIGHTWEIGHT BACKPACKING PURIFIER
- MEETS EPA'S MICROBIOLOGICAL WATER PURIFIER TEST STANDARDS
- GUARANTEED NOT TO CLOG FOR ONE YEAR
- INCLUDES CARBON FILTER

Protection from the microbiological dangers of viruses, bacteria, and Giardia.

PURIFIER

Warning Copy Keep Out of Reach of Children

CAUTION

Iodine* 54.6%
Inert Ingredients: 45.4%
***Bound to quaternary ammonium polystyrene anion exchange resin**
NET CONTENTS: 1 Water Purification Cartridge
E.P.A. Reg. No. 64005-9
E.P.A. Est. No. 64005-MN-1

ACCEPTED

JAN 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 64005-9

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Back Panel**PROVEN PERFORMANCE**

The Voyageur offers the same convenient design as the Hiker, with the added safety of a purifier.

- Microbiological Water Purification System provides protection from microbiological contaminants.
- Pleated AntiClog filter is guaranteed not to clog for one year.
- StopTop Carbon Filter reduces unpleasant tastes and odors.

AntiClog Pleated Cartridge

With ten times more filter surface area than other drinking water systems the cartridge is guaranteed not to clog for one year. You'll always have safer water and never have to worry about cleaning hassles.

Acorn Prefilter

Consistent intake, even in shallow water.

Iodinated Core

Provides protection from microorganisms such as Giardia, bacteria, and viruses.

Longest Hoses

36" long to reach both your water container and the water source. Durable silicone won't kink.

StopTop Carbon Filter

Attaches directly to your water bottle and reduces unpleasant tastes and odors.

Side Panel A

Eliminates microorganisms such as viruses, bacteria, and Giardia. AntiClog 0.3 micron filter does not require cleaning. Lightweight, only 11 oz. Cartridge capacity: 100 gallons / 380 liters, depending on water quality. Easy pumping action. Output 1 liter/minute. StopTop Carbon Filter reduces unpleasant tastes and odors

This package contains: 1 Voyageur Microbiological Water Purifier, 1 AntiClog Purifier Cartridge, 1 Intake Hose with Acorn Prefilter, 1 Output Hose with StopTop Carbon Filter, 1 Carry Bag.

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Side Panel B

PUR Field Guarantee Logo

FIELD GUARANTEE

While all drinking water systems may look similar, field performance varies dramatically. PUR will replace your cartridge free if it doesn't achieve our claimed filter capacity, safety level, water output and durability.*

* Filter replacement subject to terms and conditions of limited one year warranty. See details inside package.

To prevent recontamination, a small residual amount of iodine remains in purified water. Person with thyroid problems and pregnant women should consult their physician prior to use. For detailed use instructions, refer to the enclosed product brochure. Not for treating brackish, muddy or salt water. This purifier will render relatively clear water microbiologically safe for human consumption. For use in situations where the water source is suspect of containing cysts, viruses or bacteria.

Bottom Panel:

Manufactured by PUR®
A division of Recovery Engineering, Inc.
7200 - 75th Avenue North
Brooklyn Park, MN 55428
1-800-787-5463
Made in USA

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®PUR is a registered trademark of Recovery Engineering, Inc.
™Voyageur is a trademark of Recovery Engineering, Inc.

Part # 26-091
Series A
Voyageur

Recyclable seal

UPC Code:

7 23987 15033 8

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Recovery Engineering, Inc.
Voyageur-Advance Formula: Replacement Cartridge Box
January 17, 1997
Pre-release B:1/17/97
Filepath: Voyageur\rev4\boxdrafc.doc

Top Panel VOYAGEUR™ PURIFICATION REPLACEMENT CARTRIDGE

Front Panel

Sub PUR VOYAGEUR™ PURIFICATION REPLACEMENT CARTRIDGE

Protects you from Viruses, Bateria and Giardia.

PURIFIER

Replacement cartridge upgrades the PUR Hiker Microfilter to a Microbiological Water Purifier.

Warning Copy Keep Out of Reach of Children

CAUTION

Iodine*-54.6%
Inert Ingredients: 45.4%
*Bound to quaternary ammonium polystyrene anion exchange resin
NET CONTENTS: 1 Water Purification Cartridge
E.P.A. Reg. No. 64005-9
E.P.A. Est. No. 64005-MN-1

Back Panel ADDING THE OPTIONAL PUR STOPTOP™ CARBON FILTER TO THE VOYAGEUR MICROBIOLOGICAL WATER PURIFIER REDUCES UNPLEASANT TASTES AND ODORS.

Side Panel A Fits Voyageur and upgrades your Hiker microfilter to a microbiological water purifier. The Voyageur Purification Replacement Cartridge uses Tritek™ technology with tri-iodine resin and microfiltration to make microbiologically safe water.

PUR Field Guarantee logo

Manufactured by PUR, a division of Recovery Engineering, Inc.
7200 - 75th Avenue North, Brooklyn Park, MN 55428

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Made in USA 1-800-787-5463

Side Panel B

The Voyager Purification Replacement Cartridge uses advanced Tritex™ technology to eliminate Giardia and kill bacteria and viruses. To obtain our EPA registration as a microbiological purifier, we were required to verify our claims with extensive product testing. Our products have also been field tested by the American Alpine Institute. The PUR Voyager Purification Cartridge is registered as a microbiological water purifier with the U.S. EPA.

To prevent recontamination, a small residual amount of iodine remains in purified water. Person with thyroid problems and pregnant women should consult their physician prior to use. For detailed use and care instructions, refer to enclosed product brochure. Not for treating brackish, muddy or salt water. This purifier will render relatively clear water microbiologically safe for human consumption. For use in situations where the water source is suspect of containing cysts, viruses or bacteria.

To dispose of your used filter cartridge, securely wrap the used cartridge in newspaper and discard with the trash.

Bottom Panel:

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Part # 26-056
Series A
Voyager Purification Cartridge

UPC Code:

7 23987 15034 5

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Recovery Engineering, Inc.

Voyageur-Advance Formula: Other Labeling Material (Brochure)

January 17, 1997

Pre-release B:1/17/97

Filepath: Voyageur\rev4\inst.doc

Head PUR_® Voyageur™ Microbiological Water Purifier

Upgrades the PUR Hiker Microfilter to a Microbiological Water Purifier

26-061

PUR_®

A Division of Recovery Engineering, Inc.

Sub Directions for Use of Your PUR_® Voyageur™ Purification System.

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

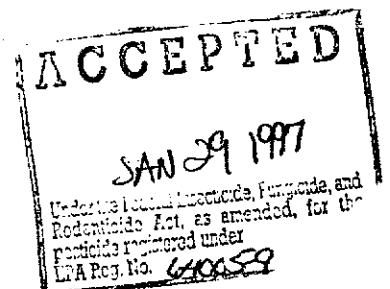
This cartridge fits the PUR Voyageur and will also upgrade your Hiker microfilter to a water purifier.

When backpacking or camping, the Voyageur purification cartridge produces microbiologically safe water by eliminating protozoa (including Giardia), bacteria, and viruses. (See section entitled "More information about your PUR Microbiological Water Purifier"). When you first use your new purification cartridge, and after it has been in storage, discard the first liter of water you make.

At first you may notice a slight iodine taste in the purified water. This is normal- as you continue to use your purifier, the taste will diminish. If the iodine taste is objectionable, use the PUR StopTop Carbon Filter. It attaches to your Voyageur and removes unpleasant odors and tastes that may be in the water.

1. The first time you use your new Voyageur Purification Cartridge....

Attach the intake hose with the Acorn prefilter to the opening at the bottom of the Voyageur marked "in". Then attach the output hose with the StopTop Carbon Filter to the top of the purification cartridge. To flush the cartridge, place the Acorn prefilter in the water source, point the top of the cartridge toward the ground and pump a liter of water.



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2. **For normal operation...**Place the Acorn prefilter in the lake, stream, or other water source. Use the adjustable hose float to keep the prefilter off the bottom. (Figure 1) Place the StopTop Carbon Filter (at the end of the output hose) in a water bottle. Be careful not to let the StopTop fall into the dirt or unpurified water.

3. Grasp the handle. (Figure 2), and pull the plunger up until it is fully extended. Push the handle down to expel the microbiologically purified water into your container. Repeat this pumping action until you have microbiologically purified the amount of water you need. Pump at a comfortable rate, approximately 20-30 strokes per minute.

Hint: Hold the Voyager with the intake hose pointing down toward water source. This will prevent accidentally constricting the hose.

Hint: Each time you use the Voyager, discard the first liter of water you make to get rid of any stale taste.

4. When you are finished using the Voyager, remove the Acorn prefilter from the water. Pump the unit until air comes out of the output hose, shake any excess water from the hoses and wipe the Voyager with a clean dry cloth. Wrap the output hose vertically around the Voyager and secure by tucking the ends under the wrapped hoses (Figure 3). When storing the Voyager, remove the intake hose and store separately in the outside pocket of the carrying case.

5. You may protect the output hose by placing the StopTop Carbon Filter in a plastic bag and securing the bag with a rubber band.

HOW TO HANDLE DIFFICULT WATER CONDITIONS

If you must purify water that is extremely cold (below 5° C/38° F) and extremely contaminated (for example, immediately downstream from a sewage outlet or livestock feedlot), pump the water through the purifier two times as follows:

If you are using the StopTop disconnect it from the output hose. Pump water into a temporary container at a rate of less than 10 strokes per minute. Do not collect more than 2 liters per sitting. Wait at least 2 hours between sittings. Remove the inlet hose from the water source and pump the purifier until air comes out of the output hose. Place the inlet hose into the temporary container and pump water into your water bottle or canteen at a rate of less than 10 strokes/minute. Let the water stand for 20 minutes before consumption.

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Unless both of these conditions (extreme cold and extreme contamination) exist, one pass through the purifier will make the water microbiologically safe to drink. Two pass treatment is not necessary under most field conditions.

Sub

When you camp, backpack, or travel abroad...

... you run a greater risk of illness ranging from the inconvenience and discomfort of diarrhea to more serious illnesses caused by Giardia, cysts, viruses, and bacteria.

The microorganisms that cause these diseases are often found in the food and water you consume. Lakes, streams and the local water supply often are contaminated.

To minimize the risk of contracting these illnesses, we suggest that you:

- Consult with your physician, state health department, or travelers' clinic 4-6 weeks before you depart. And while you are traveling...
- Make sure that prepared food is thoroughly cooked.
- Select noncooked foods (fruits, nuts, etc.) that have intact shells or skins. Clean your hands before peeling the food.
- Wash your hands with soap and water thoroughly and often, especially before you eat.
- Make all the water you drink microbiologically safe with your PUR Voyager Purification System.

No one can guarantee that you won't become sick while traveling. However with your PUR Voyager water purifier, you can be sure that the water you drink is microbiologically safe.

... Enjoy your travels - and thank you for purchasing the PUR Voyager Microbiological Water Purifier.

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Sub Storage and Disposal

Storage - When you return from your trip, take a few minutes to properly prepare the purifier for storage.

The purifier can be cleaned and protected by pumping a very mild chlorine solution through it. This will protect the purifier and prevent the growth of microorganisms.

Sub To Clean

1. Fill a quart container with water and add 2 teaspoons of ordinary household bleach.
2. Put the Acorn prefilter into the solution. Remove the StopTop Carbon Filter and place the output hose in the container so the solution recycles back into the container.
3. Pump the Voyager for approximately 25 strokes or until you see the solution flowing freely back into the container.
4. Remove the Acorn prefilter from the container. Pump the Voyager for 5 to 10 strokes to remove any excess water.
5. With a clean cloth, dry the Voyager and the hoses.
6. Wrap the output hose vertically around the Voyager and secure by tucking the ends under the wrapped hose. Disconnect the input hose from the Voyager body. When storing the Voyager remove the intake hose and store separately.

Each time you use the Voyager after it has been in storage, discard the first liter of water you make. This will get rid of any water that has developed a stale taste.

Disposal -- securely wrap the used cartridge in newspaper and discard with the trash.

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Sub More Information About Your PUR Microbiological Water Purifier

The PUR Voyager purification cartridge represents the latest in microbiological water purification technology.

Its patented Tritek[®] system combines two distinct technologies:

- A microfilter removes microorganisms (such as giardia cysts) larger than one micron
- Iodinated resin then kills any smaller bacteria such as *Klebsiella terrigena* and viruses such as Poliovirus 1 and Rotavirus. The result is microbiologically safe drinking water.

The purifier does not desalinate water, and processing heavily sedimented water will significantly reduce the life of the purifier cartridge. It is not intended for use on raw sewage. Avoid these applications.

Please note: This purifier is only intended for short term or limited use when there is a reasonable expectation that the water has microbiological contamination. Persons with thyroid problems and pregnant women should consult their physician prior to use. Keep out of the reach of children.

Tritek has been tested and found effective at the University of Arizona.

Sub A NOTE TO MICROBIOLOGICAL TESTING LABORATORIES:

To accurately test this purifier's performance, follow the US EPA Guide Standard and Protocol for Testing Microbiological Water Purifiers, Rev. April, 1987. Special attention should be paid to properly centrifuging bacteria from the nutrient broth and to testing the viability of the viruses in the effluent water. Radioimmunoassay will not accurately identify the performance of this purifier in deactivating viruses.

Sub More Information about Anticlog Technology

Your PUR Voyager uses AntiClog Technology to reduce clogging and maintenance. If your Voyager clogs within one year from purchase, we'll replace the cartridge for free!

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Sub**Tips for Improving the Performance of Your Voyageur**

1. To extend the life of your Voyageur cartridge, when purifying heavily sedimented water, wrap a disposable coffee filter around the Acorn prefilter and secure with a rubber band.
2. Purify the cleanest water available. If you must purify dirty water, draw the water in advance and let it stand overnight or as long as possible before purifying. This will let the dirt settle out and extend the life of the cartridge.
3. Freezing will not damage the Voyageur if the excess water has been pumped out. However the Voyageur must be completely thawed and free of ice to operate properly.
4. You may notice a small amount of water in your new Voyageur. This is a mild disinfecting solution used to test your Voyageur.

Note: There may be a slight discoloration on your purification cartridge. This is associated with the iodine resin and has no impact on cartridge effectiveness.

Legal**LIMITED WARRANTY**

Your Voyageur Purification Cartridge is warranted for one (1) year from the date of purchase against all defects in materials and workmanship. Should your PUR Voyageur prove defective within one year from the date of purchase, return it to the PUR retailer from whom it was purchased for repair. If it is inconvenient for you to return it to the retailer from whom it was purchased, or if you do not receive a satisfactory adjustment, ship the purifier prepaid, with your cash register receipt to:

PUR, a division of Recovery Engineering, Inc., 7200 75th Avenue North,
Brooklyn Park, MN 55428

We will repair the purifier or send you a replacement without charge. Please package your PUR Voyageur cartridge carefully to avoid damage in transit. This warranty gives you specific legal rights, and you may have other legal rights which vary from state to state

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Sub Maintaining the PUR Voyageur

Your PUR Voyageur uses AntiClog Technology to produce a large volume of water without clogging.

Occasionally the foam inside the Acorn prefilter becomes clogged with sediment. To clean this foam, pull the intake hose off the Acorn prefilter and remove the foam sponge. If the foam is difficult to grasp, use a small stick or the tine of a fork to pull it to the surface. Squeeze the foam several times under water to remove debris. Push the cleaned foam back into the Acorn prefilter until it is approximately flush with the top of the prefilter. Slip the hose over the barb on the prefilter until it fits snug.

Sub

After repeated use, the cartridge will become clogged with sediment. When it becomes difficult to pump, you know it's time to change the cartridge. If you are in the field and do not have a replacement cartridge, you may temporarily restore some of the flow by cleaning the cartridge.

1. To begin the cleaning process, remove the Acorn prefilter from the lake, stream or other water source. Pull the output hose off the top of the purifier. Protect this hose from dirt and contamination.

Grasp the top of the cartridge firmly with your fingertips and twist counter clockwise to unscrew the cartridge from the Voyageur body. Pull the loose cartridge out.

2. Hold the cartridge at the top and swish the cartridge in any relatively clean water to remove accumulated sediment. This rinsing water does not have to be purified.

CAUTION: Do not attempt to remove the protective screen and brush the microfilter surface. This may damage the cartridge and could result in unpurified water.

3. Pour approximately 1 cup of water into the Voyageur body. Swirl the water and rinse the inside of the body to remove any sand that has accumulated. If you are purifying dirty water, it is normal for small amounts of sand to accumulate in the bottom of the Voyageur body.

4. Insert the cleaned cartridge into the Voyageur and screw it into the body. Wash your hands to remove any microorganisms you may have come in contact with while cleaning the cartridge.

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5. Reattach the output hose to the top of the installed cartridge. Discard the first liter of water you make.

6. If the Voyageur remains difficult to pump, install a new cartridge when you get home.

Sub**Directions for Replacing your Tritek_® Cartridge**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. By following the instructions listed below, you can quickly replace your PUR_® Voyageur Purification cartridge.

The major working part of your PUR Voyageur is the Tritek cartridge, which contains a microfilter and the tri-iodine resin matrix.

Replace this cartridge when the Voyageur is difficult to pump and the flow of water diminishes. Replacement cartridges are available from the dealer where you purchased your PUR Voyageur. Call 1-800-PUR-LINE (787-5463) for the name of the nearest retailer or to answer any questions you may have.

By following these instructions you can quickly replace your PUR Voyageur Purification Cartridge.

1. Pull the output hose off the top of the Voyageur. To remove the old cartridge, grasp the top of the cartridge firmly with your fingertips and twist counterclockwise to unscrew the cartridge from the Voyageur body. Pull the loose cartridge out.

DISPOSAL: Securely wrap the used cartridge in newspaper and discard with trash. If you are in the backcountry, pack the used cartridge out with you.

2. Pour approximately 1 cup of water into the Voyageur body. Swirl the water and rinse the inside of the body to remove any sand that has accumulated. If you are purifying dirty water, it is normal for small amounts of sand to accumulate in the bottom of the Voyageur body.

3. Remove the new cartridge from the plastic bag. Insert the new cartridge into the Voyageur and screw it into the body. Wash your hands to remove any microorganisms you may have come in contact with while changing the cartridge.

4. To flush the cartridge, place the Acorn prefilter in the water source; point the top of the cartridge toward the ground and pump a liter of water. Then attach the output hose to the top of the cartridge.

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