

PM 32

64005-7

1/14

Recovery Engineering, Inc.

Explorer-Advance Formula: External Packaging (box, regular)

January 17, 1997

Pre-release B:1/17/97

Filepath: Explorer/rev4/box2draf.doc

Top Panel

Water System

Microorganisms Eliminated

Protection
Level

Microbiological
Water Purifier

Eliminates Viruses, Bacteria,
and Giardia

Front Panel

Explorer® PUR® Microbiological Water Purifier
Made in the USA

PUR Field Guarantee logo

- SELF-CLEANING PURIFIER
- MEETS EPA'S MICROBIOLOGICAL WATER PURIFIER TEST STANDARDS
- EASY TO USE

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

PURIFIER

Keep out of reach of children

CAUTION

Active Ingredient:

Iodine* 54.6%

Inert Ingredients: 45.4%

*Bound to quaternary ammonium polystyrene anion exchange resin

Net Contents: One Water Purification Cartridge

E.P.A. Reg. No. 64005-7

E.P.A. Est. No. 64005-MN-1

ACCEPTED

JAN 29 1997

Under the authority of the Administrator, EPA Region 1, the following information is provided, for the purpose of the record.

64005-7

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Back Panel 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.*

PUR's Advanced Microbiological Water Purifier

- Field tested by the American Alpine Institute.
- Tested at the University of Arizona under EPA's Microbiological Water Purifier Test Protocol.
- Self-cleaning purifier

Tritek® Technology

Combines iodinated resin with microfiltration to provide high level of protection. Eliminates viruses, bacteria, and Giardia..

Self-Cleaning Mechanism

Easy to clean--no disassembly or contact with the cartridge.

Longest Hoses

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

130 micron prefilter

Designed to stay out of bottom sediment.

StopTop Carbon Filter

Reduces unpleasant tastes and odors. Refillable for minimal environmental impact.

* See side panel

Side Panel A:

Eliminates microorganisms such as viruses, bacteria, and Giardia. Output: 1.5 liters/minute. Cartridge life: Up to 100 gallons / 380 liters (varies with water quality). StopTop Carbon Filter reduces unpleasant tastes and odors, Weight: 20 ounces.

This package contains: 1 Explorer purifier, 1 Tritek Purification Cartridge (inside unit), 1 Intake Hose with Prefilter, 1 Output Hose, 1 StopTop Carbon Filter, 1 Carry Bag.

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Side Panel B:

Field tested by the American Alpine Institute

Seal: AMERICAN ALPINE INSTITUTE
FIELD TESTED
GUIDES CHOICE

This emblem designates equipment selected by the professional mountain guides of the American Alpine Institute, based on performance and durability. Field testing by the Institute is not a substitute for government or industry safety tests or standards, and the Guides Choice award is not a warranty. The designation was made on the basis of domestic and international field tests conducted under harsh conditions that permitted the comparison of the chosen products to others of a similar type.

* 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. Persons 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 rendered 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

©1997 PUR®, a division of Recovery Engineering, Inc.
®PUR is a registered trademark of Recovery Engineering, Inc.

Part # 7-178
Series A
Explorer

Seal: Recyclable seal

UPC code: 7 23987 15013 0

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

Top Panel EXPLORER® REPLACEMENT CARTRIDGE

Front Panel PUR® EXPLORER® PURIFICATION REPLACEMENT CARTRIDGE

Protects you from viruses, bacteria, and Giardia
PURIFIER

Replacement cartridge installs quickly and easily into the PUR Explorer
Microbiological Water Purifier

Keep out of reach of children

CAUTION

Active Ingredient:

Iodine* 54.6%

Inert Ingredients: 45.4%

***Bound to quaternary ammonium polystyrene anion exchange resin**

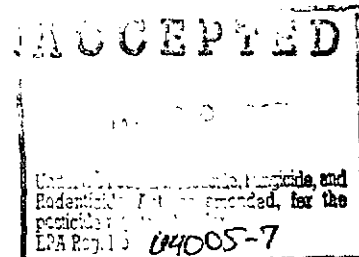
Net Contents: One Water Purification Cartridge

E.P.A. Reg. No. 64005-7

E.P.A. Est. No. 64005-MN-1

Back Panel

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



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Side Panel A:

Quick and easy to install, the Explorer Replacement Cartridge uses Tritex® technology with tri-iodine resin and microfiltration to make microbiologically safe water.

Cartridge capacity: Up to 100 gallons / 380 liters (depending on water quality)

PUR Field Guarantee logo

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

Side Panel B:

The Explorer Replacement Cartridge uses advanced Tritex® technology to eliminate Giardia and kill bacteria and viruses. To obtain our EPA registration as a microbiological water 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 Explorer 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. Persons 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 rendered 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 # 7-179
Series A
Explorer Replacement Cartridge

UPC code: 7 23987 15014 7

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

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E.P.A. Reg. No. 64005-7

E.P.A. Est. No. 64005-MN-1

Back Panel

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

ACCEPTED
JAN 29 1997
USE IN THE PRESENCE OF BACTERIA, FUNGICIDES, and
RODENTICIDES. Not recommended for the
purification of water.
EPA Reg. No. 64005-7

Side Panel A:

Quick and easy to install, the Explorer Replacement Cartridge uses Tritex® technology with tri-iodine resin and microfiltration to make microbiologically safe water.

Cartridge capacity: Up to 100 gallons / 380 liters (depending on water quality)

PUR Field Guarantee logo

Manufactured by PUR®, a division of Recovery Engineering, Inc.

7200 - 75th Avenue North, Brooklyn Park, MN 55428

Made in USA 1-800-787-5463

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Bottom Panel:

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Part # 7-179

Series A

Explorer Replacement Cartridge

UPC code: 7 23987 15014 7

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Recovery Engineering, Inc.

Explorer-Advance Formula: Other Labeling Material (Brochure)

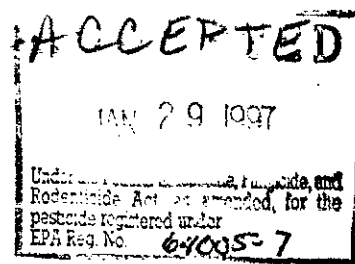
January 17, 1997

Pre-release B:1/17/97

Filepath: Explorer/rev4/instdraft.doc

**Head: PUR EXPLORER
Microbiological Water Purifier**

Sub: DIRECTIONS FOR USE OF YOUR PUR EXPLORER



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

When backpacking or camping, the Explorer purifier produces microbiologically safe water by eliminating protozoa (such as giardia cysts), bacteria and viruses.

READ BEFORE USE.

The first time you use your new Explorer purifier:

1. Remove the two plastic caps from the hose fittings at the base of the Explorer. Retain for storage. Attach the two hoses to the Explorer. The intake hose is thicker and has a round prefilter at the end. The output hose is thinner. If using the StopTop, remove the canteen clip from the output hose.
2. Fill the StopTop Cartridge with carbon: Unscrew the top counterclockwise. Open the carbon pack by cutting off a corner. Pour the all carbon into the StopTop base. Screw the top onto the base. Attach to free end of output hose. Note: Pack all the carbon for greatest removal of unpleasant taste.
3. Place the inlet hose into the water source. Adjust the hose float to keep the prefilter off the bottom.
4. Begin pumping water through the unit to flush the StopTop of black carbon dust (this dust is harmless). Pump until the water runs clear from the StopTop (approximately 1 liter).

For normal operation:

(see illustration)

1. Place the inlet hose into the water source. Adjust the hose float to keep the prefilter off the bottom and below the surface.
2. Place the StopTop over a water bottle or other collecting container. Be careful not to let it become dirty or come in contact with unpurified water.

3. To begin pumping, turn the handle clockwise until it stops and the small plastic tabs in the handle shaft are aligned with the slots. Pump the handle up and down to produce purified water. The first few pumps will prime the Explorer. Pump at a comfortable rate (40-45 strokes per minute will produce 1 liter of water, 70-75 strokes per minute will produce 1.5 liters). If you pump faster, water will squirt from the handle. As the cartridge clogs from normal use, you must slow pumping for normal performance. Do not depress the button on the handle while purifying water. Repeat pumping action to purify the amount of water you need.

NOTE: When first using the Explorer or after storage, discard the first liter of water to remove any stale taste.

4. When you are finished using the purifier, remove the inlet hose from the water source and drain. Pump the unit until air comes out of the StopTop. Align the tabs with the slots, push the handle down and turn it counterclockwise 1/4 turn to lock the plunger in place. Shake excess water from hoses and wipe purifier dry. Wrap hoses around the body of the purifier for storage. If you are storing the purifier for a long period of time, remove the hoses and replace the plastic caps over the hose barbs.

NOTE: Keep the ends of the inlet and outlet hoses separate to prevent contamination of the outlet hose. Protect the output hose by placing the end or the StopTop in a small plastic bag and securing with a rubber band.

Sub: How to handle extreme 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:

Disconnect the StopTop from the output hose. Pump water into a temporary container at a rate of 15 strokes/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 15 strokes/minute. Let water stand for 20 minutes before consumption.

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

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Sub: CLEANING THE PUR EXPLORER:

Each Explorer cartridge will purify up to 100 gallons of water. Purifying highly silty or turbid water will clog the cartridge quickly, resulting in shortened cartridge life. Cleaning the cartridge frequently may help extend its life. When water is expelled through the opening in the handle, or if the purifier becomes difficult to pump, the cartridge is clogged with sediment and it's time to clean the unit. Note: Pumping with excessive force may damage the system.

Note: When the inside surface of the cartridge has become frayed or the cross-netting becomes visible, it is time to replace the cartridge. Continued use of a damaged cartridge could result in contamination of the water you process.

1. To engage the self-cleaning mechanism, align the tabs on the handle plunger with the slots. Push the handle down and turn counterclockwise - turn until the large tabs line up with the large slots. Make sure the opening in the top of the handle is facing away from you.
2. Depress the button on the handle and firmly pull the handle up until the cleaning shaft is fully extended. (Depressing the button allows the water and the sediment to flow out of the opening in the handle.)
3. Holding the button in, pump the cleaning shaft up and down 4 or 5 times. The water and sediment will be expelled through the handle. Note: Any water coming through the output hose is microbiologically safe.
4. When the water runs clear from the handle, push the cleaning shaft down until the large tabs line up with the large slots. Push down and turn the handle clockwise to press the tabs back into the slots.

NOTE: If water is expelled through the handle even after you have just cleaned the filter and slowed the pumping rate, it is time to replace the purification cartridge.

NOTE: If the unit becomes hard to pump during use or cleaning, apply a thin layer of silicone grease (provided with unit) to the pump shaft and cleaning shaft.

Sub: STORAGE:

Clean and protect your Explorer purifier by pumping a mild chlorine solution through it before storage.

1. Add 2 teaspoons ordinary household bleach to 1 quart water.
2. Put the inlet hose into the solution and pump solution through purifier for approximately 25 strokes. Pump the purifier until air comes out of the StopTop.
3. Coil hoses around the body and secure with a rubber band. If you store the purifier in a carrying case, leave unzipped to allow excess moisture to evaporate.
4. When using the purifier after storage, run a liter of water through it to flush the purifier and StopTop.

Sub: DISPOSAL:

Securely wrap the used cartridge in newspaper and discard with trash.

Sub: MORE INFORMATION ABOUT YOUR PUR MICROBIOLOGICAL WATER PURIFIER:

The Explorer's patented Tritex system combines two distinct technologies:

- A microfilter removes microorganisms (such as giardia cysts) larger than one micron.
- Iodinated resin then kills smaller bacteria such as Klebsiella terrigena and viruses such as Poliovirus 1 and Rotavirus.

The result is microbiologically safe drinking water.

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

This purifier does not desalinate water.

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 reach of children.

Sub: A NOTE TO MICROBIOLOGICAL 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 effluent water. Radioimmunoassay will not accurately identify the performance of this purifier in deactivating viruses.

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Sub: IMPORTANT! TIPS FOR IMPROVING THE PERFORMANCE OF YOUR PURIFIER

1. Purify the clearest water available. The cleaner the water, the longer your cartridge will last. Water that is "scummy" or green with algae may quickly and permanently clog the purification cartridge. If water is brown or full of sediment, draw water in advance and let it stand to allow sediment to settle.
2. Pump at an even rate of 40-45 strokes per minute for 1 liter, or 70-75 strokes per minute for 1.5 liters. The more you've used your cartridge, the slower you need to pump. Also, water output will decrease the more you use your cartridge. It may decrease to less than - liter/minute after extensive use. At this point, it is time to replace the purification cartridge.
3. Follow the "Directions for Use" found in this instruction sheet.

Sub: LIMITED WARRANTY:

The cartridge capacity, safety level, water output and durability aspects of your PUR Microbiological Water Purifier are warranted for one (1) year from the date of purchase.

Should your PUR Microbiological Water Purifier fail to meet the cartridge capacity, safety level, water output or durability claims made by PUR within one year from the date of purchase, ship the cartridge prepaid, with your cash register receipt or other proof of the purchase date to: PUR, a division of Recovery Engineering, Inc., 7200 - 75th Avenue North, Brooklyn Park, MN 55428. We will send you a replacement without charge.

In addition, your PUR Microbiological Water Purifier is warranted for one (1) year from the date of purchase against all defects in materials and workmanship. Should your PUR Microbiological Water Purifier prove defective within one year from the date of purchase, 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 or other proof of the purchase date to: PUR, a division of Recovery Engineering, Inc., 7200 - 75th Avenue North, Brooklyn Park, MN 55428. At our discretion, we will repair the purifier or send you a replacement without charge. Please package your PUR Microbiological Water Purifier carefully to avoid damage in transit.

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These warranties cover the use of the product only in compliance with the enclosed use instructions and the tips described above. Any failure to meet cartridge capacity or water output which is caused by extreme water conditions is not covered by this warranty. Extreme water conditions include, but are not limited to, water with high sediment silt, algae blooms and scum. These warranties give you specific legal rights, and you may have other legal rights which vary from state to state. Neither PUR nor Recovery Engineering, Inc. shall have any liability for incidental or consequential damages, damages arising out of misuse of the product or the use of any unauthorized attachment. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The duration of any implied warranties is hereby limited to one (1) year from the date of purchase of the warranted product. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Printed in USA

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7200 - 75th Avenue North, Brooklyn Park, MN 55428

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Sub: REPLACING YOUR EXPLORER PURIFICATION CARTRIDGE:

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

The major working part of your PUR Explorer is the Tritex purification cartridge, which combines iodinated resin with microfiltration to eliminate microorganisms.

It is time to replace the purification cartridge if your Explorer remains difficult to pump and water is expelled through the handle even after cleaning.

1. Grasp the base of the Explorer firmly and unscrew by twisting clockwise.
2. Engage the cleaning mechanism and pull the plunger up until fully extended. (See step 1 of the cleaning instructions).
3. Push the plunger back in quickly. The cartridge should pop out. If the cartridge does not pop out, place the bottom of the purifier and cartridge in a glass or sink of purified water. Keep the base in water and pull the plunger up and push it back down quickly.
4. Pull the cartridge out of the body tube. Dispose of cartridge by wrapping in newspaper and discarding with trash.
5. Pull handle mechanism up and out of body.

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6. Remove the new cartridge from the plastic bag. Ensure the two o-rings are in place at the base of the cartridge. Lubricate the bottom base seal with the silicone lubricant provided.
7. Insert the new cartridge and push into body tube until it snaps into place and the black base seal is seated against the bottom of the housing. Screw base onto body to complete installation.
8. Insert the handle mechanism.
9. Discard the first liter of water you make to remove any stale taste.

Replacement cartridges are available from the store where you purchased your PUR Explorer. Or, call PUR at 1-800-787-5463 for store nearest you.