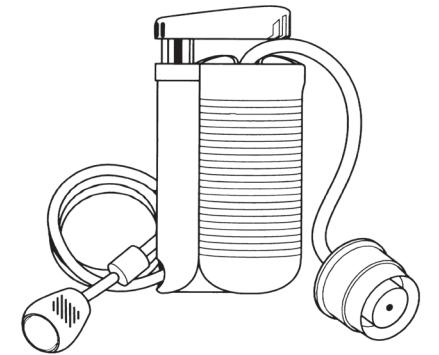




Katadyn Hiker / Hiker Pro Water Microfilter  
 Katadyn Hiker / Hiker Pro Replacement Cartridge



## 1 INTENDED USE OF THE Katadyn Hiker / Hiker Pro

Congratulations on your purchase of the Katadyn Hiker / Hiker Pro. When used properly in accordance with the instructions provided in this manual, this product is designed to reduce the levels of bacteria and protozoan cysts commonly found in fresh water sources to make it safer for drinking. It meets the U.S. Environmental Protection Agency's microbiological water purifier standards for reduction of bacteria (99.999% *Klebsiella terrigena*) and protozoan cysts (99.9% *Giardia* and *Cryptosporidium*). It is ideal for hiking, camping, or traveling in areas where treated water is unavailable.

Water dehydrations as used in this manual  
 Fresh water = Untreated water (Lakes, Rivers, Streams, etc.)  
 Filtered fresh water = Potable drinking water  
 Treated water = Treated tap water or chemically disinfected water, or boiled disinfected water

## 6 LONG TERM STORAGE (AFTER YOUR TRIP IS OVER)

Disinfect your microfilter before storage to prevent microbiological growth within the pump.

- 1) Fill a liter container with tap water and add 2 tablets of Micropur (if not available use 2 tablespoons of ordinary household bleach).
- 2) Place prefilter into solution.
- 3) Pump entire amount of solution through unit (into sink or container).
- 4) Remove prefilter from the solution and continue pumping another 5 to 10 strokes to remove remaining water from the pump body and hoses.
- 5) Remove cartridge and allow to dry.
- 6) Wrap hoses around body and store in carry bag.

Note: When removing unit from long term storage, flush the system with one liter of water to remove any stale tasting water.

## KATADYN GROUP

Log on to our website to learn more about our full line of products including Katadyn, Optimus Stoves and AlpineAire Foods.

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 4830 Azelia Ave North #300 | Minneapolis, MN 55429 | USA  
 Tel 800-755-6701  
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## 10 MANUAL SUPPLEMENT HIKER PRO

The Hiker Pro includes additional features for improved performance. Use this instruction supplement for updated information on product set up and usage options.

**Removable Filter Protector**  
 The Filter Protector is a cleanable screen that covers the Hiker Pro cartridge. The Hiker Pro does not require frequent cleaning, however using the Filter Protector will extend the life of your cartridge. It may be used continually or when source water contains suspended particulate or dirt.

## 12 PRODUCT REGISTRATION & SPECIFICATIONS

Please take a moment to register your new Katadyn product by completing the short product registration form online at [www.katadyn.com](http://www.katadyn.com). The information you provide will enable us to better serve you with products developed to meet your needs and interests.

Please register your Katadyn product online at [www.katadyn.com](http://www.katadyn.com) (**under Service section**) and you will be automatically entered into a drawing to win a free Katadyn Group product. We will keep you informed of new products from Katadyn, Optimus and our dehydrated food brands (see our website for more details).

## 13 PRODUCT SPECIFICATIONS

Flow Rate:	Up to 1L of water per minute
Filter Capacity:	Hiker: Up to 750 l, depending on water quality Hiker Pro: Up to 1150 l, depending on water quality
Weight:	310 g / 11 oz
Dimensions:	7.6 x 16.5 x 6.1 cm / 2.9 x 6.4 x 2.4 in

## 10 MANUAL SUPPLEMENT HIKER PRO

**Cleaning Filter Protector**  
 If your Hiker Pro becomes difficult to pump, clean the Filter Protector. To clean, carefully remove the netting and Filter Protector from cartridge. Place filter protector on flat surface and clean with damp sponge or fabric. Rinse with water and reinsert. It is also recommended to clean the filter cartridge by holding it by the top and "swishing" it in water. This will remove most particles that may have collected on the filter surface.

The Hiker Pro includes quick-connect fittings for both input and output hoses. The fittings make hose handling quick and easy. The output hose quick-connects may also be used to connect directly to the drink hose (1/4" diameter only) of a hydration pack or bladder allowing quick filling without opening your pack.

Input Hose Set up Instructions (required)  
 Connect the black hydration quick-connect insert to the end of input hose (opposite end of prefilter). Connect input hose insert to quick release body at base of pump housing.

Output Hose Quick-Connect Set Up Instructions (optional):  
 Option #1:  
 This configuration is ideal for easy removal and storage of output hose to avoid cross contamination. Output hose may easily be stored inside the re-sealable bag provided.

## 11 LIMITED WARRANTY (CONTINUED)

**E) How to get service**  
 To receive coverage under this warranty, please return your Katadyn Hiker / Hiker Pro to the retailer where you purchased the product for repair, replacement or refund. If you are not completely satisfied with the service you receive from your retailer, or if you have any questions regarding this warranty, please contact Katadyn Customer Service by telephone, email or in writing at:

**Katadyn North America, Inc.**  
 Customer Service  
 4830 Azelia Ave North  
 Minneapolis, MN 55429 | USA  
 Tel 800-755-6701  
[outdoor@katadyn.com](mailto:outdoor@katadyn.com)

**F) How state law applies**  
 This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

## 10 MANUAL SUPPLEMENT HIKER PRO (CONTINUED)

Option #2:  
 This configuration is ideal for pumping filtered water directly into hydration packs (such as Camelbak). Note: Ensure quick-connect fittings are correct size for your hydration pack drink hose (1/4" inside diameter) before proceeding to Step 1.

1) Cut hydration pack drink hose at desired length (approximately 4 inches from end of drinkhose). See Figure 4-1.

2) Connect the white quick-connect body (A) to long section of drink hose that attaches to hydration bladder

3) Connect first white quick-connect insert (B) to short section of drink hose that attaches to bite valve.

4) Connect second white quick-connect insert (C) to end of water filter output hose.

5) To fill bladder, connect white insert (C) on output hose to white body (A) on drink hose. Reconnect bite valve. See Figure 4-1 and Figure 4-2.

## 11 LIMITED WARRANTY

2 YEAR LIMITED WARRANTY on Katadyn Hiker / Hiker Pro

**A) What is covered**  
 Your Katadyn Hiker / Hiker Pro is warranted to be free from defects in materials and workmanship.

**B) How long warranty coverage lasts**  
 This warranty lasts two years from the date of purchase of your Katadyn Hiker / Hiker Pro.

**C) What Katadyn will do**  
 In the event of a defect in material or workmanship within the two-year warranty period, Katadyn will either repair, replace or refund the purchase price of your Katadyn Hiker / Hiker Pro, at Katadyn's sole discretion.

**D) What is not covered**  
 This warranty does not cover any damage caused by product misuse, abuse or failure to follow instructions provided herein for proper use, maintenance, cleaning or storage. This warranty also does not cover, and expressly excludes coverage for, any incidental or consequential damages arising out of the purchase, use or performance of the product. Some state laws do not allow exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

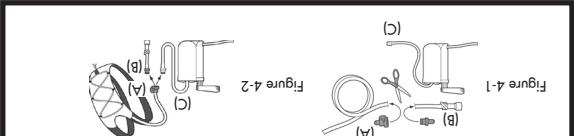


Figure 4-1

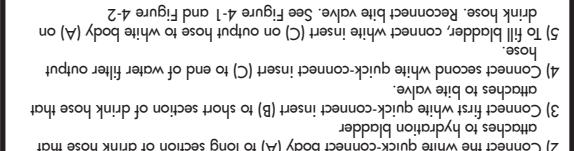


Figure 4-2

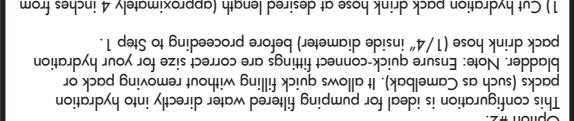


Figure 3-1

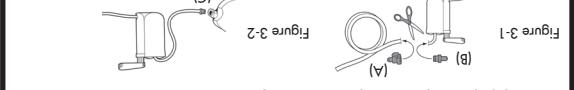


Figure 3-2

## 2 WARNINGS

Using the Katadyn Hiker / Hiker Pro improperly or drinking untreated water can result in exposure to harmful microorganisms and an increased risk of diseases. Reduce your risk of becoming sick by following the warnings and instructions in this manual and by educating yourself on backcountry/travel illness prevention. YOU ARE RESPONSIBLE FOR YOUR OWN SAFETY AND THOSE IN YOUR GROUP. PLEASE USE GOOD JUDGEMENT.

Improper use of the Katadyn Hiker / Hiker Pro or use of a damaged or contaminated filter cartridge expose you to harmful microorganisms and increase your risk of contracting a gastrointestinal illness. Read this entire manual before assembling or using the Katadyn Hiker / Hiker Pro and follow all instructions carefully. If you have any questions, contact Katadyn North America at 1-800-755-6701 or email us at outdoor@katadyn.com or visit our website at www.katadyn.com

- The Katadyn Hiker / Hiker Pro does not remove viruses.
- Never use the Katadyn Hiker / Hiker Pro to filter seawater or brackish water or chemically contaminated water, such as water from mine tailing ponds or near large agricultural operations. The Katadyn Hiker / Hiker Pro does not make drinkable water from these sources and does not remove chemicals and radioactive materials or particles smaller than 0.2 microns.
- If the Katadyn Hiker / Hiker Pro has been dropped into a fresh water source, follow instructions for long term storage to completely disinfect filter before use. If the Katadyn Hiker / Hiker Pro is damaged or contaminated, do not use.
- Do not use in freezing conditions (a frozen filter cartridge could lead to microorganism bypass, resulting in illness)
- Do not filter any substance or liquid other than fresh water through your Katadyn Hiker / Hiker Pro or the filter cartridge may become damaged or contaminated.

## 2 WARNINGS (CONTINUED)

- Always seek the best fresh water source available.
- Always handle the Katadyn Hiker / Hiker Pro carefully.
- On extended trips, bring along a replacement cartridge.
- READ, UNDERSTAND AND FOLLOW ALL instructions and warnings in this manual before using the Katadyn Hiker / Hiker Pro. Failure to follow all warnings and instructions may result in exposure to harmful microorganisms and illness.

## 3 IMPORTANT SAFETY MESSAGE

Read before using Katadyn Hiker / Hiker Pro

When you travel abroad, camp or backpack, you run the risk of illness ranging from the inconvenience and discomfort of diarrhea to more serious illnesses caused by protozoan cysts (i.e., Giardia, Cryptosporidium), viruses and bacteria.

The microorganisms that cause these diseases are often found in the food and water you consume.

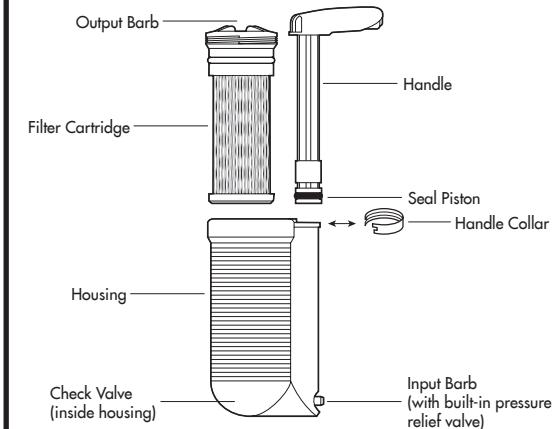
Lakes, rivers, streams and the local water supply may also be contaminated.

To minimize the risk of contracting these illnesses, we suggest that you consult with your physician, state health department or travel clinic 4-6 weeks before you depart.

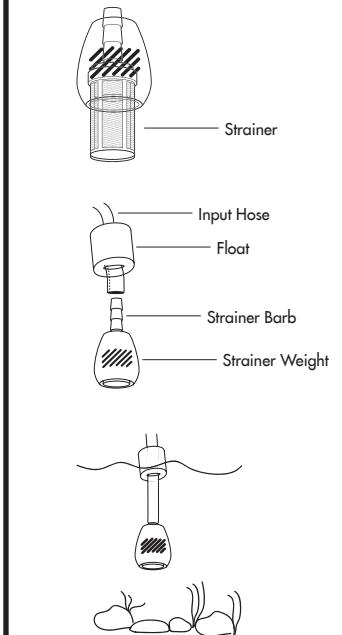
And while you are traveling, make sure that prepared food is thoroughly cooked according to its specified instructions. Select non-cooked foods (fruits, nuts, etc.) that have intact shells or skins, and always sanitize your hands properly before peeling the food. Wash your hands with soap and warm water thoroughly and often (and use hand sanitizer), especially before you eat or prepare food. Also, in groups encourage everyone to wash their hands frequently. Microorganisms can spread to communal gear from one group member not sanitizing their hands properly. Do not share personal items (i.e. lip balm, eating utensils, toothbrushes, water bottles or bite-valves on hydration bladders). Make sure all food is properly prepared and thoroughly cooked. Filter all drinking water with your Katadyn Hiker / Hiker Pro, including water used for brushing teeth, washing your face, etc. according to the instructions in this manual.

If there is any risk of viruses in the water, use an EPA-registered disinfectant such as Katadyn Micropur Tablets in combination with the Katadyn Hiker / Hiker Pro (Note: Follow all instructions for proper use of Micropur and wait the appropriate treatment time) or boil your water (must bring to a rolling boil for approx. 1 minute) (Note: The Katadyn Hiker / Hiker Pro does not remove viruses).

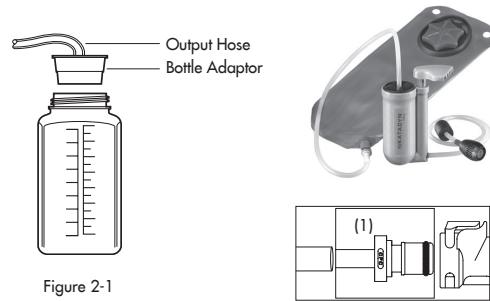
## 4 KEY COMPONENTS



## 4 KEY COMPONENTS (CONTINUED)



## 4 KEY COMPONENTS (CONTINUED)



**Prefilter**  
The modular prefilter (Figure 1-2) is effective in still and running water. It consists of two components: a strainer and a weight. Note: Apply a small amount of silicone lubricant to the strainer barb to ease assembly. The prefilter is important because it prevents large particles (larger than 130 microns) from entering the water system. See Field Performance Tips for helpful hints.

**EasyFill™ Bottle Adaptor**  
The EasyFill™ Bottle Adaptor (Figure 2-1) conveniently attaches directly to different sized water containers.

**Hydration Bladder Compatible**  
Your Katadyn Hiker / Hiker Pro includes a connector (1) that allows the output hose to attach to the quick-connect fitting built-in to many hydration bladders such as Camelbak, Hydrapak, etc. This convenient feature allows easy filling of hydration bladders. See illustration (Figure 2-2) for installation.

## 5 PRODUCT SET UP

The Hiker / Hiker Pro requires minimal set up. For best results, try out the Hiker / Hiker Pro before first field use to familiarize yourself with its operation.

### A) Connect Hoses

Remove the plastic caps from the input and output barbs; retain for storage. Connect input hose (hose with prefilter) to input barb at base of pump housing. Connect output hose to output barb on top of cartridge. Connect the EasyFill™ Bottle Adaptor to the end of the output hose. (Figures 1-1, 1-2, 2-1) For use with hydration bladder, connect hydration connector to the end of the output hose. (Figure 2-2)

### B) Flush System

**Important:** Before first use, flush system by pumping approximately 1 liter of water through the unit to remove harmless carbon dust. Slightly discolored water is normal when flushing. See following section on Normal Operation on how to filter water.

## 6 NORMAL OPERATION

- Place input hose in fresh water source. Adjust the float to keep prefilter off the bottom and away from sediment.
- Insert the EasyFill™ Bottle Adaptor into a clean water container or connect hydration connector to bladder\*. (Figure 2-1, 2-2)
- Make sure the hoses are not kinked. Begin pumping the handle in a slow, steady manner. Approximately 48 strokes per minute equals 1 liter of water.
- After filling water container with filtered water, remove bottle adaptor/hydration connector from container/bladder and prefilter from water source. Continue pumping to remove remaining water from pump body.

\*Note: Before each use, flush and discard a small amount (5-10 strokes) of water to remove stale taste.

## 6 NORMAL OPERATION (CONTINUED)

- Store unit in the carry bag. To prevent the possibility of cross contamination, remove the output hose and EasyFill™ Bottle Adaptor and store separately in the re-sealable bag inside the carry bag.

## 7 PERFORMANCE TIPS

The Katadyn Hiker / Hiker Pro are designed to remove bacteria and protozoan cysts such as Giardia and Cryptosporidium. To extend cartridge life, always use the best water source available.

Keep the intake prefilter clean and off the bottom. In heavy sediment conditions, wrap a coffee filter or bandanna around the intake prefilter. Where possible, place fresh water in container and wait for sediment to settle out until water appears clear - then filter from water above the sediment.

**Maintain your Katadyn water system to keep it operating smoothly.**

### 1) If handle is hard to push:

**Lubricate pump handle o-ring.** Silicone lubricant is provided with your new unit. Remove handle collar and handle. (Figure 1-1) Clean excess build-up from black rubber o-ring on bottom of handle. Place a small amount of silicone lubricant all the way around the o-ring. Re-assemble.

**Clogged cartridge.** A clogged cartridge requires replacement. As a temporary solution in the field, remove the cartridge and swish it around in water. See Filter Cartridge Capacity & Replacement for cartridge removal. Take care that fresh water does not contact the cartridge output barb. If flow is not restored, replace cartridge.

## 7 PERFORMANCE TIPS

### 2) If unit pumps easily, but no water flow:

Make sure prefilter is submerged. Make sure that hoses are not blocked or pinched.

**Clean check valve.** Occasionally, sediment may enter pump body and prevent check valve from operating properly. This may cause lack of water draw. The check valve can easily be cleaned to restore maximum water output. Remove the cartridge. Fill the pump housing half way with water, swirl around and discard water. Fill the housing half way with water again and reinstall cartridge. Pump slowly to get water started and resume normal pump rate when flow has begun.

### 3) Prefilter:

Rinse the prefilter in water to remove any particles that may be caught in the strainer. For a more thorough cleaning, remove the prefilter from the input hose and clean with water and a soft brush. Reassemble. Apply a small amount of silicone lubricant to the strainer barb to ease assembly. (Figure 1-2) **For use without the weight.** The prefilter is functional with or without the weight (we recommend using with the weight). To use without the weight, remove the strainer barb from the input hose. Re-assemble without the weight.

### 4) Storage:

Your Katadyn water system comes with a carry bag for storage. To prevent the possibility of cross contamination, remove the output hose and EasyFill™ Bottle Adaptor and store separately in a re-sealable bag inside the carry bag.

## 8 FILTER CARTRIDGE CAPACITY & REPLACEMENT

Cartridge capacity depends on water quality. The Katadyn Hiker / Hiker Pro were tested at 750 / 1150 liters and found effective for removal of bacteria (*Klebsiella terrigena*) and protozoan cysts (*Giardia* and *Cryptosporidium*). For maximum performance, cartridge should be replaced after 750 / 1150 liters or when the unit becomes hard to pump.

Replacement cartridges are available from the dealer where you purchased your Hiker / Hiker Pro.

- Remove output hose from cartridge output barb. Grasp the top of the Hiker / Hiker Pro cartridge and turn counter clockwise. If cartridge removal is not possible by hand, the handle shaft will function as a cartridge removal tool: Remove the handle collar and handle. Locate one of the deep grooves on either side of the handle shaft. Lay the handle across the filter top and insert two of the "fins" on top of the filter into one of the grooves of the handle shaft. Hold the handle shaft in place firmly with the palm of your hand. Using the handle shaft for leverage, apply even pressure and gradually turn the cartridge counter clockwise. Use caution so that handle shaft does not slip and cause damage. Discard used cartridge in trash receptacle.
- Rinse inside of housing by swishing with clear water (non-filtered water is ok). Discard water. Wipe inside of housing and housing threads with soft cloth to remove sediment.
- Remove new cartridge from packaging.
- Insert new cartridge into housing and tighten clockwise. Note - Apply silicone lubricant to cartridge o-ring before re-assembly to ease cartridge removal in the future.
- Re-attach output hose to cartridge output barb. (Figure 1-1)
- Flush cartridge by pumping and discarding the first liter.