Thank you for choosing the Katadyn Exstream Personal Water Purification System

Following the U.S. EPA microbiological water purification tests protocols, the Exstream system's long lasting, replaceable VincStat microfilter purification cartridge killed or removed:
- 99.999% of Cryptosporidium bacteria such as Kelchella leptocerca
- 99.9% of bacteria in water including Vorticella type 1 and Type 1
- 99.9% of entamoeba parasites such as Giardia
- Bacterial spores and viruses

Important Notes
1. Remove the cap and fill bottle with water. Be sure to fill bottle to the brim. This will ensure maximum water flow through the system.
2. Insert the filter into the bottle cap. Secure the filter cap tightly.
3. Use only fresh water. Do not use distilled water.
4. When not in use, store the filter in a cool, dry place.

Product Set-Up (Before First Use)

1. Remove insulation from bottle cap.
2. IMPORTANT: Push filter into the bottle cap. Fill bottle with tap water, insert bottle cap on bottle and tighten. Tighten securely with both hands until 1/2 of bottle of water has been run through the system. Remove filter cap.

Preconditioning the System
(When New or After Extended Storage)

1. Fill the bottle with tap water to the fill line (Figure 4). Remember, the cleaner the water, the better the results. Add 1 bottle of water to the filter cartridge/cap. Fill bottle with tap water and shake. Secure bottle cap tightly with both hands. Then bottle is filled with water. Repeat until 1 bottle of water has been run through the system. With the cap on, store in a cool, dry place. Do not freeze.

Normal Operation (After Preconditioning)

1. Fill the bottle with water to the fill line (Figure 4). Remember, the cleaner the water, the better the results. Add 1 bottle of water to the filter cartridge/cap. Fill bottle with tap water and shake. Secure bottle cap tightly with both hands. Then bottle is filled with water. Repeat until 1 bottle of water has been run through the system. With the cap on, store in a cool, dry place. Do not freeze.
2. Open bottle cap. Secure bottle in a fast, cool, dry place. Then bottle is filled with water. Repeat until 1 bottle of water has been run through the system. With the cap on, store in a cool, dry place. Do not freeze.
3. Hold the bottle upright when drinking. Do not use unfiltered water.
Cartridge Installation
The ViruShield microbial purification cartridge is for use with the Extream or Extream XR personal portable water purification system as a microbiological water purifier. Each replaceable ViruShield microbial purification cartridge will treat up to 22 gallons (100 liters) of water.

Cleaning the Cyst Filter
When water flow becomes restricted, use the following steps to change the Cyst Filter:
1. Remove the Cartridge/Bottle Cap from the bottle.
2. Remove the Cyst Filter from the bottom of the ViruShield cartridge and the filter from the bottom of the Cyst Filter.
3. Gently twist and pull the Cyst filter onto the ViruShield cartridge (see Figure 1).
4. Gently twist and pull the filter onto the Cyst Filter.
5. Put Cartridge/Bottle Cap back on bottle.

Cleaning the ViruShield Microbial Purification Cartridge
After 22 gallons (100 liters) use the following steps to change the ViruShield cartridge:
1. Remove the Cartridge/Bottle Cap from the bottle.
2. Remove the ViruShield microbial purification cartridge with the eye filter and prefilter from the cap. Dismantle cartridge components in most manufacturers.
3. Flush Prefilter [see step 2 of product set up on page 7].
4. Assemble the Cartridge (see step 3 of product set up on page 7).
5. Follow the Preconditioning procedure on Page 3.

Storage & Disposal
Storage: Store purification components in cool, dry place or in a refrigerator [not in the freezer section]. Store empty bottle (without ViruShield cartridge, Cyst Filter or Prefilter installed) with the cap on. Disposal: Used cartridges or filters. Do not reuse spent cartridges or filters. Place in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS

Herbs in Human & Domestic Animals

CAUTION

This cartridge contains infused herbs. Persons with allergy/alergies to the herbs and pregnant women should consult their doctor before using this device because small amounts of herbs may remain in the treated water.

Active ingredient:
Herb*......................60%

Other ingredients:.............40%

(*) Herb was selected for its antimicrobial properties and its effectiveness in water treatment.

This device is intended for short term, limited or emergency use only and is not intended for long-term use.

Limited Warranty

Your Katadyn Extream Portable Water Purifier is warranted for one (1) year from the date of purchase against defects in materials and workmanship. Should your Katadyn Extream Portable Water Purifier prove defective within one year of the date of purchase, return it to the Katadyn dealer from whom it was purchased. If you do not receive a satisfactory resolution, contact Katadyn Customer Relations at 1-800-775-8701 for service assistance. Katadyn, at its discretion, will replace or repair the damaged item. Please retain proof of date of purchase. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Katadyn Extream Portable Water Purification System
Katadyn Extream XR Portable Water Purification System
Katadyn ViruStat Replacement Cartridge (Model # 8011558)

Screen Katadyn Products, Inc.
9391 5th Ave. N.
Minneapolis, MN 55432 USA
1-800-775-8701
sales@katadyn.com / www.katadyn.com
VIRUSTAT® Microbial Water Purification Cartridge

EXSTREAM XR
PERSONAL WATER PURIFIER

This personal water purification system has been proven to make water microbiologically safe for drinking.

WATER PURIFIER

- Easy to use. Purifies water without pumps, hoses or separate containers
- Advanced ViruStat® technology kills 99.9999% of waterborne bacteria and 99.99% of waterborne viruses
- Removes 99.9% of waterborne protozoa such as Giardia
- Delivers 120 refills (26 gallons or 100 liters) per replacement cartridge

Keep Out of Reach of Children.

CAUTION

See Diluter's Manual for First Aid and Additional Precautionary Statements.
products are the lightest water systems available. They are designed for solo use or when ultra-lightweight is a primary concern. An excellent choice for travel, day hikes, paddling or biking.

KATADYN of Switzerland has been producing high quality portable water systems since 1928. Our history has been one of innovation and durability. Katadyn products are used by military, health organizations, and outdoor adventurers worldwide. No other water system provides higher quality or longer-lasting performance.

EXSTREAM XR
PERSONAL WATER PURIFIER

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

The Exstream portable water purification system is a microbiological water purifier and is not intended for use with brackish or salt water. Only for short term or limited emergency use and not recommended for long-term or routine community-water supply applications. For use directions see Exstream Personal Water Purification System Owner’s Manual.

1 Bite Valve - hands-free opening with leak-proof closure
2 VirusStat® - VirusStat microbial water purification cartridge kills waterborne bacteria and viruses
3 Cyst Filter - removes pathogenic cysts such as Giardia and other contaminants larger than 1 micron in size
4 Carbon Prefilter - removes sediment, eliminates odors and improves taste
Carry Loop - easily attaches to packs, boats, etc.

TECHNICAL INFORMATION:
Technology: VirusStat Technology plus filtration and carbon prefiltration
Bottle Capacity: 34 fl. oz (1 liter) or 830 ml (nongaseous liquid)
Cartridge Capacity: Up to 25 gallons (93 L), depending on water quality
Weight: 7 oz (200 g)
Size: 11" x 3" (28 cm x 8 cm)

Each VirusStat Microbial Water Purification Cartridge consists of a dedicated resin cell, one Microcyst Cyst Filter and the Carbon Prefilter.

STORAGE & DISPOSAL:
Storage: Store in a cool, dry place (not in a refrigerator or in the freezer section). Disposal: Used cartridges: Do not reuse spent cartridges, place item in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS:
Health Hazards to Humans & Domestic Animals:
CAUTION: This cartridge contains iodine resin. Persons with iodine allergies or thyroid problems and pregnant women should consult their doctor before using this device because small amounts of iodine may remain in the treated water.

Active Ingredient:
Iodine* .......................................................... 46%

Other Ingredients: .......................................................... 54%

Total: ................................................................ 100%

*Bound to Polyvinyl Dimethylamine Quaternary Ammonium Exchange resin

CONTENTS:
- 1 Exstream XR Sports Bottle
- 1 VirusStat Microbial Water Purification Cartridge
- 1 Cyst Filter
- 1 Owner’s Manual

Distributed by:
Katadyn Products, Inc.
9850 S. 53rd Ave., Ste. 200
Minneapolis, MN 55444
1-800-735-6701
www.katadyn.com

EPA Reg. No. 39464-12
EPA Est. 39464-CHE-1

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VIRUSTAT Microbial Water Purification Cartridge

EXSTREAM
PERSONAL WATER PURIFIER

This personal water purification system has been proven to make water microbiologically safe for drinking.

WATER PURIFIER

• Easy to use. Purifies water without pumps, hoses or separate containers
• Advanced VirStat technology kills 99.9999% of waterborne bacteria and 99.99% of waterborne viruses
• Removes 99.9% of waterborne protozoa such as Giardia
• Delivers 160 refills (26 gallons or 100 liters) per replacement cartridge

Keep Out of Reach of Children

CAUTION
See Owner's Manual for full list of precautions and instructions for use.
products are the lightest water systems available. They are designed for solo use or when ultra-lightweight is a primary concern. An excellent choice for travel, day hikes, paddling or biking.

EXSTREAM
PERSONAL WATER PURIFIER

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

The Exstream portable water purification system as a microbiological water purifier is not intended for use with brackish or salt water. Only for short-term or limited emergency use and not recommended for long-term or routine community water supply application. For Use Directions see Exstream Personal Water Purification System Owner's Manual.

1. Bite Valve - hands-free opening with leak-proof closure
2. ViruStat® - ViruStat microbial waters purification cartridge kills waterborne bacteria and viruses
3. Cyst Filter - removes pathogenic cysts such as Giardia and Cryptosporidium and other contaminants larger than 1 micrometer in size
4. Carbo Prefilter - removes sediment, eliminates odors and improves taste

Carry Loop - easily attaches to packs, boots, etc.

TECHNICAL INFORMATION:
Technology: ViruStat Technology plus filtration and carbon purification
Bottle Capacity: 26 fl. oz (21 fl. oz or 620 ml of other cartridge displacement)
Cartridge Capacity: Up to 24 gallons (900 L, depending on water quality)
Weight: Approximately 7.4 oz (210 g)
Size: 11" x 3" (28 cm x 8 cm)

Each ViruStat Microbial Water Purification Cartridge consists of the Indented Resin Cell, a Ozone-Monopore Cyst Filter and the Carbo Prefilter

STORAGE & DISPOSAL
Storage: Store in cool, dry place or in a refrigerator (not in the freezer section). Disposal: Used cartridges: Do not raise spent cartridges, place in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

CAUTION: This cartridge contains iodine resin. Persons with iodine allergies or thyroid problems and pregnant women should consult their doctor before using this device because small amounts of iodine may remain in the treated water.

Active Ingredient:
Iodine - 46%
Other Ingredients: Water - 54%
Total - 100%

Bound to polystyrene divinyl benzene quaternary ammonium exchange resin

CONTENTS:
- Exstream Sports Bottle
- 3 Exstream Microbial Water Purification Cartridges
- Carry Loop
- 1 Exstream Personal Water Purification System Manual

Distributed by:
Kotadyn Products, Inc.
9850 S 4th Ave. N.
Minneapolis, MN 55442
1 (800) 755-6701
www.kotadyn.com

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EPA Est. 39444-CH-001
Exstream and ViruStat are trademarks of Kotadyn Products, Inc.
EXSTREAM®
PERSONAL WATER PURIFIER
REPLACEMENT CARTRIDGE

For use in Katadyn Exstream and Exstream XII Personal Water Bottle Purifiers.

INSTRUCTIONS FOR USE

1. Remove the Exstream filter bottle from the product in customer use.

2. Place the new filter cartridge into the filter housing.

3. Replace the filter housing cover.

VIRUSTAT®
Microbial Water Purification Cartridge
Replacement Cartridge
Ersatzfilterkartusche
Cartouche de rechange
Filtropatrone
Reserve filter
Vatertanne

Keep Out Of Reach Of Children

PRECAUTIONARY STATEMENTS

Hazard to Humans & Domestic Animals.

CAUTION: This cartridge contains no active ingredients. Personnels with food allergies or special dietary needs should consult their doctor before using this device to prevent any reactions to the raw water.
Thank you for choosing the Katadyn Extream Personal Water Purification System

Following the U.S. FDA microbiological water purifier test protocols, the Extream system's long-lasting, replaceable Wotstat individual purification cartridges killed or removed:
- 99.999% of enteric bacteria
- 99.999% of waterborne viruses including Poliovirus type 1 and Type 3 Rotavirus
- 99.9% of waterborne protozoa such as Giardia
- Bad tastes and odors

Important Notes

1. To be purged, water must pass through the Wotstat cartridges. The flow rate is slower than an ordinary sports water bottle to ensure complete purification.
2. Never stand inside water bottles are recommended. See "Preconditioning the System" section.
3. Square and flat, using continuous pressure. Do not pump. You will notice a 2-3 second pause after every pump. Be using a long straw, before water flows.
4. Always hold bottle upright when drinking. Water will not pass through the cartridge if bottle is upside down or at an angle.

Product Set-Up (Before First Use)

1. Rinse inside of bottle
2. IMPORTANT! Push Prefilter
   - Attach Carbon Prefilter to bottle cap. Fill bottle with tap water. Insert bottle cap on bottle and tighten. Firmly squeeze bottle with both hands until 1/2 bottle of water has been run through the system. Remove bottle cap.
3. IMPORTANT! Rinse Water Storage Bin
4. IMPORTANT! Rinse Water Storage Bin

Preconditioning the System
(When New or After Extended Storage)

1. Prime: Fill the bottle with water to the fill line. Rinse and discard. Insert cartridge/bottle cap into bottle. Screw bottle firmly with both hands to start water flow. Repeat until water bottle has been run through the system. While priming, keep bottle at full pressure. Flow rate will improve once the system is fully primed.
2. Pour: Fill bottle with water to the fill line. Insert cartridge/bottle cap into bottle. Turn bottle cap clockwise until tight. Allow to sit for two hours prior to use.

Normal Operation (After Preconditioning)

1. Fill the bottle with water to the fill line. Insert cartridge/bottle cap into bottle. Screw bottle cap clockwise until tight.
2. Open the valve. Note: The valve has two positions. Push the valve out to open. Push it in to close (Figure 3). Do not remain in the open position.
3. Hold the bottle upright when drinking. Squeeze and sip using continuous pressure.
Cartridge Installation

The ViruStat microbial purification cartridge is to be used with the Katadyn Exstream XR personal portable water purification system or a microbiological water purifier. Each replaceable ViruStat microbial purification cartridge will treat up to 26 gallons (100 liters) of water.

Cleaning the Cyst Filter
- Remove the Cartridge/Filter Cap from the bottle.
- Carefully rotate and pull the Cyst Filter out of the VIRUstat cartridge (see figure 1).
- Gently rinse and push the new Cyst Filter onto the VIRUstat cartridge (see figure 1).
- Gently rotate and push the efilter onto the Cyst Filter.
- Put Cartridge/Filter Cap back on bottle.

Cleaning the VIRUstat Cartridge
- After 26 gallons (100 liters) use the following steps to change the VIRUstat cartridge:
  a. Remove the Cartridge/Filter Cap from the bottle.
  b. Remove the VIRUstat microbial purification cartridge with the cyst filter and prettier from the cap.
  c. Discard cartridge components in trash receptacle.
  d. Flush Prettier (see step 2 of product setup on page 4).
  e. Assemble the Cartridge (see step 3 of product setup on page 4)
- Follow the Preconditioning procedure on page 3.

Cleaning

- Wash and dry the inside of the Exstream bottle thoroughly before rinsing and regularly during heavy periods of use. If using with salt water and without the ViruStat cartridge, the bottle must be completely disinfected to prevent contamination from previous contact with contaminated water. Fill Exstream bottle and cap pure disinfected water (without the cartridge). Do NOT use to clean the ViruStat cartridge, the cyst filter or the Prettier.
- Before storage, remove excess water from the ViruStat cartridge by disassembling all three components. Blanket screwwater filter, allow the components to thoroughly dry. Wash and dry bottle. Wash well and follow conditioning instructions before using. Do not use the VIRUstat Cartridge when taking the Exstream system out of prolonged storage.
- Do NOT use with carbonated or flavored beverages, as these may damage the VIRUstat microbial purification cartridge.

Storage & Disposal

- Store purification components in cool, dry place or in a refrigerator (not in the freezer section). Store empty bottle (without ViruStat cartridge, Cyst Filter or Prettier installed) with cap on.
- Disposal: Used cartridges or Filters. Do not reuse spent cartridges or filters. Place in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS

Heartburn or Gastric Ulcers

Several people with heartburn or gastric ulcers also experienced symptoms when using the ViruStat microbial purification cartridge. This cartridge contains sodium bicarbonate. Persons with known allergies or epidermal problems and pregnant women should consult their doctor before using this device because small amounts of sodium may remain in the treated water.

Acute ingestion:

- Sodium bicarbonate .................................. 45%
- Other ingredients .................................... 55%
- Total ................................................. 100%

This is a temporary local symptoms or sensory loss only. This device is intended for short-term, limited or emergency use only and is not intended for long-term use.

Limited Warranty

Katadyn Exstream XR Portable Water Purification System

Your Katadyn Exstream Personal Water Purifier is warranted for one (1) year from the date of purchase against defects in materials and workmanship. Should your Katadyn Exstream Personal Water Purifier prove defective within one year from the date of purchase, return it to the Katadyn retailer from whom it was purchased. If you do not receive satisfactory resolution, contact Katadyn Customer Relations at 1-800-755-6701 for service assistance. Katadyn, at its discretion, will replace or repair the damaged item. Please retain purchase receipt as proof of date purchased. This warranty gives you specific legal rights and you may have other legal rights which vary from state to state.

Katadyn Exstream Portable Water Purification System

Contact Katadyn Products, Inc.
9850 31st Ave. N.
Minneapolis, MN 55422 USA
1-800-755-6701
web @ katadyn.com / www.katadyn.com
VIRUSTAT® Microbial Water Purification Cartridge

EXSTREAM XR
PERSONAL WATER PURIFIER

This personal water purification system has been proven to make water microbiologically safe for drinking.

WATER PURIFIER

* Easy to use. Purifies water without pumps, hoses or separate containers
* Advanced ViruStat® technology kills 99.9999% of waterborne bacteria and 99.99% of waterborne viruses
* Removes 99.9% of waterborne protozoa such as Giardia
* Delivers 120 refills (26 gallons or 100 liters) per replacement cartridge

Keep Out of Reach of Children

CAUTION

See Owner's Manual for First Aid and Additional Precautionary Statements.
EXSTREAM XR
PERSONAL WATER PURIFIER

DIRECTIONS FOR USE

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

The Exstream portable water purification system as a micro-biological water purifier is not intended for use with brackish or salt water. Only for short term or limited emergency use and not recommended for long-term or routine community water supply applications. For use: Directions see Exstream Personal Water Purification System Owner’s Manual.

1 Bite Valve - hands-free opening with leak-proof closure
2 ViruStat® - ViruStat microbial water purification cartridge kills waterborne bacteria and viruses
3 Cyst Filter - removes pathogenic cysts such as Giardia and other contaminants larger than 1 micron in size
4 Carbon Prefilter - removes sediments, eliminates odors and improves taste

Carry Loop - easily attaches to packs, boots, etc.

TECHNICAL INFORMATION:
Technology: ViruStat Technology plus filtration and carbon purification
Bottle Capacity: 34 fl. oz. (1 liter) or 930 ml after cartridge displacement
Cartridge Capacity: Up to 20 gallons (75 liters), depending on water quality
Weight: Approximately 7.4 oz. (220 g)
Size: 11" x 3" (28 cm x 8 cm)

Each ViruStat Microbial Water Purification Cartridge consists of the indicated Basic Cartridge or Clear/White Cyst Filter and the Carbon Prefilter.

STORAGE & DISPOSAL

Storage: Store in a cool, dry place or in a refrigerator (see in the freezer section). Disposal: Used cartridges: Do not reuse spent cartridges; place in trash or offer for recycling if available.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: This cartridge contains iodine which can irritate skin. Persons with iodine allergies or thyroid problems and pregnant women should consult their doctor before using this device because small amounts of iodine may remain in the treated water.

Active Ingredients:

Iodine: 99.5% - 100%

Other Ingredients:

99.5% - 100%

Water to polyethylene glycol/casteoryl monoester ammonium exchange resin

CONTENTS:

- 1 Exstream XR Sports Bottle
- 1 ViruStat Microbial Water Purification Cartridge
- 1 Carry Loop
- 1 Owner’s Manual

Distributed by:
Katahdin Products, Inc.
9850 31st Ave. N.
Minneapolis, MN 55422
1 (800) 758-6701
www.katahdin.com

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Prist No. 6781251
VIRUSTAT® Microbial Water Purification Cartridge

EXSTREAM
PERSONAL WATER PURIFIER

This personal water purification system has been proven to make water microbiologically safe for drinking.

WATER PURIFIER

* Easy to use. Purifies water without pumps, hoses or separate containers
* Advanced ViruStat technology kills 99.9999% of waterborne bacteria and 99.99% of waterborne viruses
* Removes 99.9% of waterborne protozoa such as Giardia
* Delivers 160 refills (26 gallons or 100 liters) per replacement cartridge

Keep Out of Reach of Children

CAUTION

See Dealer’s Manual for Use and Additions
Precautionary Statements
products are the lightest water systems available. They are designed for solo use or when ultra-lightweight is a primary concern. An excellent choice for travel, day hikes, paddling or biking.

EXSTREAM PERSONAL WATER PURIFIER

DIRECTIONS FOR USE

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

The Exstream portable water purification system is a microbiological water purifier and is not intended for use with brackish or salt water. Only for short term or limited emergency use and not recommended for long-term or routine community water supply application. For Use Directions see Exstream Personal Water Purification System Owner's Manual.

1. Bite Valve - hands-free opening with leak-proof closure
2. ViruStat® - ViruStat microbial water purification cartridge kills waterborne bacteria and viruses
3. Cyst Filter - removes pathogenic cysts such as Giardia and other contaminants larger than 1 micron in size.
4. Carbon Prefilter - removes sediment, eliminates odors and improves taste

Carry Loop - easily attaches to packs, boats, etc.

TECHNICAL INFORMATION:
Technology: ViruStat Technology plus filtration and carbon pretreatment
Bottle Capacity: 26 fl oz (750 ml)
Cartridge Capacity: 0.50 gallons (1.9 L)
Weight: Approximately 7.4 oz (220 g)
Size: 11" x 5" (28.5 x 8 cm)

Fresh ViruStat Microbial Water Purification Cartridge consists of the Activated Resin Cell, in OneMicron Cyst Filter and the Carbon Prefilter.

STORAGE & DISPOSAL:
Storage: Store in a cool, dry place (not in refrigerator) or in airtight container.
Disposal: Used cartridges do not cause spent cartridges to be disposed of in fresh or other forms of water except when you re-use them.

PRECAUTIONARY STATEMENTS:
Hazards to Humans & Domestic Animals
CAUTION: This cartridge contains iodine. Persons with iodine allergies or thyroid problems and pregnant women should consult their doctor before using this device because small amounts of iodine may remain in the treated water.

Active Ingredient:
Iodine* 46%
Other Ingredients: 54%
Total: 100%

*Bound to polyethylene vinyl acetate, acrylonitrile acrylate exchange resin.

CONTENTS:
1 Exstream Sports Bottle
1 Cyst Filter
1 Prefilter
1 Owner's Manual

Distributed by:
Katzdlyn Products, Inc.
1958 55th Ave. N
Minneapolis, MN 55412
1 (800) 755-6701
www.katzdlyn.com

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