

! WARNING

BIOLOGICAL HAZARD

There are hazards associated with backcountry travel and the use of water filters. Drinking untreated water may expose you to harmful microorganisms and increase your risk of gastrointestinal illness. Using this filter improperly increases your risk of exposure to harmful microorganisms and increases your risk of gastrointestinal illness. Reduce your chances of becoming sick by following the warnings and instructions in this manual and educating yourself on backcountry water safety.

YOU ARE RESPONSIBLE FOR YOUR OWN SAFETY AND THE SAFETY OF THOSE IN YOUR GROUP. PLEASE USE GOOD JUDGMENT.

Never use the Meta Bottle + Microfilter to filter seawater or chemically contaminated water, such as water from mining tailing ponds or near large agricultural operations. The Meta Bottle + Microfilter does not make drinkable water from these sources and does not remove all viruses, chemicals and radioactive materials, or particles smaller than 0.2 microns.

Keep the Microfilter and other potentially contaminated parts away from filtered water to prevent cross contamination.

READ, UNDERSTAND, AND FOLLOW ALL instructions and warnings in this manual before using this filter. Failure to follow warnings and instructions may result in gastrointestinal illness.

Read and understand this entire manual carefully before assembling or using this water filter.

Keep this manual for future reference. If you do not understand this manual or have any questions, please call Cascade Designs at 1.800.531.9531.

For other concerns or questions, please see our FAQs online at www.platy.com/FAQ, or call Customer Service at 1.800.531.9531

LIMITED WARRANTY/LIMITATIONS OF REMEDIES AND LIABILITY USA and Canada

Limited Warranty. Cascade Designs, Inc. ("Cascade"), to the original owner ("Owner"), under intended use and maintenance, warrants the enclosed product ("Product") to be free from defects in materials and workmanship for the life of the Product. No warranty against defects in materials and workmanship will apply if Product is (i) altered in any way, (ii) used for purposes inconsistent with Product's intended purpose or design, or (iii) improperly maintained. Warranty will furthermore be voided where Owner/user (i) failed to follow Product instructions or warnings or (ii) subjected Product to misuse, abuse, or neglect.

During the warranty period, original Product parts determined by Cascade to be defective in materials or workmanship will be repaired or replaced as Owner's sole remedy. Cascade reserves the right to replace any discontinued product with a new product of comparable value and function. A returned product deemed irreparable becomes the property of Cascade and will not be returned.

EXCLUDING THE LIMITED WARRANTY PROVIDED ABOVE, CASCADE, ITS AFFILIATES AND THEIR SUPPLIERS, TO THE MAXIMUM EXTENT PERMITTED BY LAW, MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, AND DISCLAIM ALL WARRANTIES, DUTIES AND CONDITIONS, WHETHER EXPRESSED, IMPLIED OR STATUTORY, WITH RESPECT TO THE PRODUCT, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, AGAINST LATENT DEFECTS, FITNESS FOR A PARTICULAR PURPOSE, OR CORRESPONDENCE TO DESCRIPTION.

Warranty Service. To obtain service under this warranty, the warranty-eligible Product must be presented to a Cascade authorized dealer. In the United States and Canada, warranty service may also be obtained by calling 1.800.531.9531 (M - F, 8:00 a.m. - 4:30 p.m., PDT). Owner is responsible for all costs associated with returning Product to Cascade for service. Where at its sole discretion Cascade deems Product eligible for warranty repair or replacement, Cascade will pay the shipping and handling associated with returning repaired or replaced Product to Owner. In instances where Cascade deems a returned product ineligible for warranty service, Cascade will, if possible, repair product for a reasonable charge that includes return shipping and handling. For warranty return service details, please go to www.platypushydration.com.

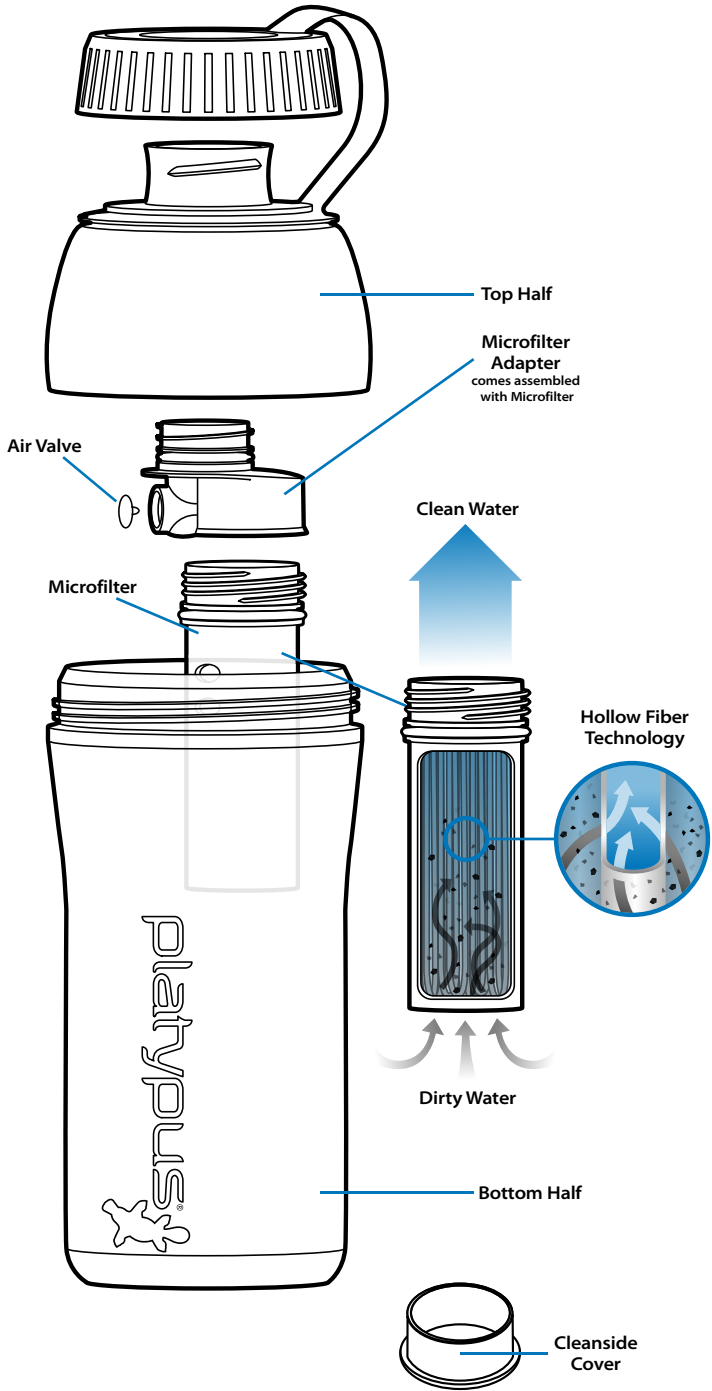
Limitation of Remedies. Should a court of competent jurisdiction find the limited warranty set forth above breached, Cascade's only obligation will be to, at its option, either repair or replace Product. Should the aforementioned remedy fail of its essential purpose, Cascade will, in exchange for return of Product, refund to Owner Product's original purchase price.

THE FOREGOING REMEDY IS THE SOLE AND EXCLUSIVE REMEDY OF THE PURCHASER AGAINST CASCADE, ITS AFFILIATES AND THEIR SUPPLIERS, REGARDLESS OF LEGAL THEORY.

Limitation of Liability. Cascade's, its affiliates' and their suppliers' maximum liability is limited to incidental damages not to exceed the original purchase price of the Product. CASCADE, ITS AFFILIATES AND THEIR SUPPLIERS HEREBY DISCLAIM AND EXCLUDE ANY LIABILITY FOR ANY CONSEQUENTIAL OR OTHER DAMAGES RESULTING FROM ANY REASON WHATSOEVER. THIS EXCLUSION AND LIMITATION APPLIES TO ALL LEGAL THEORIES UNDER WHICH DAMAGES MAY BE SOUGHT, AND WILL APPLY EVEN IF ANY REMEDY FAILS OF ITS ESSENTIAL PURPOSE.

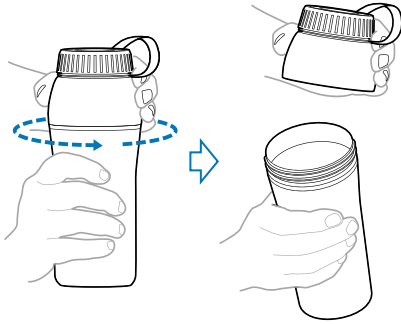
This limited warranty gives Owner specific legal rights; Owner may have additional rights, which may vary state to state. Always completely follow safety, use, operation, and maintenance instructions for this or any other Cascade product. European Union customer statutory rights are not affected.

Cascade Designs, Inc. 4000 First Avenue South, Seattle, WA 98134 USA 1-800-531-9531 or 206-505-9500	Cascade Designs, Ltd. Dwyer Road, Middleton, County Cork, Ireland (+353) 21-4621400
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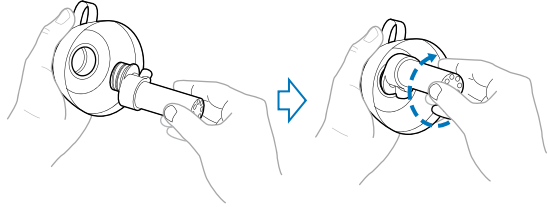


1 INSTALLING MICROFILTER CARTRIDGE

1. Disassemble Meta Bottle top and bottom halves by twisting the hard top counterclockwise while holding the flexible bottom securely.
2. Once the bottle halves are disassembled, turn the hard top upside down, exposing its underside.



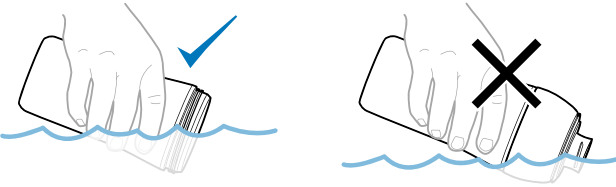
3. Clear any debris from the threaded and sealing surfaces using a clean cloth or clean water.
4. Insert the top, threaded part of the Microfilter into the threaded underside of the drink spout, turning the Microfilter clockwise until the unit cannot be threaded any further.



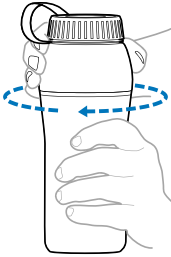
2 FILTER WATER

When filtering water, take care to avoid cross-contaminating the drink spout with dirty or unfiltered water. If Microfilter is removed from the bottle, the bottle must be disinfected before use without the Microfilter. See instructions on Long Term Storage and Disinfection.

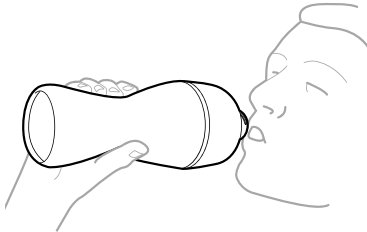
1. Disassemble the lower, flexible half of the bottle from the top half.
 2. With the lower half of the bottle, scoop water out of the water source.
- NOTE: Always filter water from the cleanest source possible to extend the life of the Microfilter.



3. While holding the water-filled lower half of the bottle upright, reassemble the bottle by threading the top half (with the Microfilter installed) onto the lower half until it stops. Ensure the halves are securely joined for a complete seal.



4. To filter water, open the top cap and drink from the drink spout. Squeeze the flexible lower portion of the bottle to increase water flow rate.



Alternatively, filtered water can be squeezed into other bottles or containers.

5. When water level inside bottle is low, or no more water can be filtered, repeat steps 1 through 4.

WARNING

Never allow Microfilter to freeze or drop because these will permanently damage the internal fibers of the Microfilter. If the Microfilter has been exposed to freezing temperatures or dropped, test the Microfilter for damage (see System Integrity Test). Use of a damaged Microfilter can expose you to harmful microorganisms and increase your risk of gastrointestinal illness.



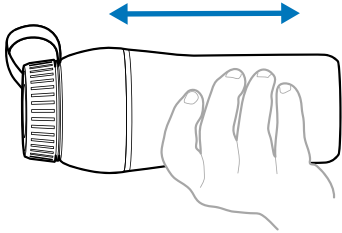
WARNING

If Microfilter is removed from the bottle, the bottle must be disinfected before use without the Microfilter. Not disinfecting the bottle can expose you to harmful microorganism and increase your risk of gastrointestinal illness. See instructions on Long Term Storage and Disinfection.

3 FLOW RATE RECOVERY

If you find that you're consistently not getting the typically fast flow rate of the Microfilter, follow this quick and easy Flow Rate Recovery procedure. This procedure, along with the Long Term Storage and Disinfection procedure, will also help increase the usable life of the Microfilter.

1. With the Microfilter installed, remove and fill the lower flexible half with cleanest available water.
2. Close and secure bottle completely.
3. Turn the bottle on its side.
4. Shake the bottle rapidly, end to end, for 5 seconds.
 - This dislodges fine particulates stuck in the Microfilter, helping restore flow rate.
5. Dispose of the shaken water.
6. Resume filtering water.



WARNING

Handle Microfilter carefully because a damaged filter cannot prevent exposure to harmful microorganisms. Test filter for damage if dropped (see System Integrity Test). If filter is damaged, discontinue use and replace cartridge. Use of a damaged Microfilter can expose you to harmful microorganisms and increase your risk of gastrointestinal illness.

4 LONG TERM STORAGE AND DISINFECTION

To optimize long-term storage of the Microfilter, follow the below steps over a sink with the Microfilter installed. Disinfecting the Microfilter thoroughly before long-term storage helps prevent the growth of mold, mildew and bacteria.

1. Unscrew lower, flexible half of the bottle assembly.
2. Add 0.5 liters (500ml) of water to the lower half of bottle, then mix in one drop of household bleach (without fragrance or dyes).

NOTE: Handle bleach carefully because it can stain or discolor clothing.
3. Reassemble bottle halves and ensure a snug fit.
4. Open the lid and filter the bleach water mixture into a sink by squeezing the lower, flexible half of the bottle.
5. When unable to filter any more of the bleach water mixture, turn the bottle upright, remove the lower half of bottle, and empty any remaining bleach water mixture into the sink.



6. Rinse all parts off with clean water, then air or towel dry.

- Water bottle parts, excluding the Microfilter, are dishwasher safe.

NOTE: it is not necessary for the inside of the Microfilter to dry completely, as the bleach in the solution will prevent the growth of harmful microorganisms and biofilm. However, a dry filter helps protect against damage from drops or freezing.

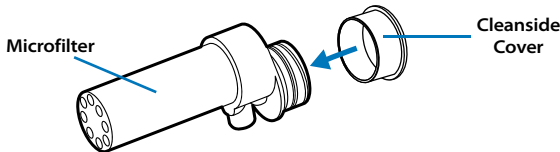


To dry the Microfilter completely after disinfection:

- Remove Microfilter from drink spout and air dry at room temperature for at least 1 week.



- To avoid cross-contamination or damage to the internal fibers of the Microfilter, install Cleanside Cover over the threaded end of the Microfilter.



WARNING

Never use a dishwasher or microwave to disinfect the Microfilter, as the high heat will damage or melt Microfilter components. Use of a damaged Microfilter can expose you to harmful microorganisms and increase your risk of gastrointestinal illness.