

User Manual

WATER BOTTLE FILTER ADAPTER

EN - FR - DE - CN

LifeStraw[®] 
Universal | by VESTERGAARD

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ENGLISH

The LifeStraw Universal adapter kit incorporates award-winning filter technology which removes bacteria, protozoa, bad odor, taste and some chemicals without requiring batteries or pumping.

With LifeStraw Universal, you can easily turn your favorite bottle into a powerful water filter.

LifeStraw Universal uses an effective 2-stage filtration process:

Stage 1: Replaceable hollow fiber membrane filter removes 99.999999 % of bacteria (E. coli, etc.) and 99.999 % of protozoa (Giardia, Cryptosporidium, etc.).
Lifetime: 4,000 liters (1,000 gallons)

Stage 2: Replaceable activated carbon capsule improves taste and reduces bad odor, chlorine and organic chemical matter.
Lifetime: 100 liters (25 gallons)

Product components

See Figure 1

First time use



Prior to the first use of LifeStraw Universal, remove the carbon capsule from the filter. Rinse all parts with clean water. Reassemble and LifeStraw Universal is ready to use.

Daily use

Step 1: Choose the screw cap size that fits your bottle.
Step 2: Choose which mouthpiece to use.
Step 3: Plug the filter into the screw cap.
Step 4: Fill your bottle with water and enjoy safe water by sipping through the mouthpiece.

LifeStraw Universal will no longer filter water when the product has reached the end of its working life.
Inability to sip water through LifeStraw Universal indicates that the hollow fiber membrane filter should be replaced.

Cleaning

Follow this cleaning procedure as often as possible. Minimum once a day during use. This is to unclog the filter and help remove any trapped particles.



Step 1: Discard any unfiltered water in the bottle. Then unscrew the screw cap from the bottle



Step 2: Blow air through the mouthpiece (backwash) into the filter until all the water trapped in the filter is removed.

Proper maintenance and use will ensure the lifetime of the product

Long time storage

Before storing your LifeStraw Universal, make sure to repeat the cleaning procedure to ensure all excess water has been removed. Dry the cap, the lid and the filter. If water is left in a closed bottle, this might produce mould. After long tem storage, repeat the first time use procedure before reuse.

Replacing the carbon capsule



The carbon capsule should be replaced after 100 liters (26.4 gallons)



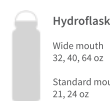
Step 1: With your nails or a coin, grab the groove of the carbon capsule and pull out and discard.



Step 2: Rinse the new carbon capsule under flowing safe tap water. Then, insert it by pushing it into the carbon chamber until it locks properly.

Compatibility

The LifeStraw Universal adaptor kit fits a wide variety of popular water bottle shapes and sizes, and the following have been tested for compatibility. This kit may fit additional bottles with compatible mouth diameters, threading, and a minimum bottle height of over 7.3".



Hydroflask
Wide mouth
32, 40, 64 oz
Standard mouth
21, 24 oz



Klean Kanteen
Classic
27, 40, 64 oz
Wide mouth
27, 40, 64 oz



Camelbak
Podium chill
Eddy
Eddy glass



Nalgene
22 oz ATB Bottle
22 oz OTF / OTF
32 oz Wide Mouth
38 oz Steel Standard
32 oz Steel Backpacker

Troubleshooting

Problem: I can't seem to draw water from the straw, it feels clogged.

This can happen because sometimes air bubbles get trapped inside the filter and prevent the flow of water. Try to do a few quick and strong sips until there is some water flowing and then do the backwash procedure.

Another reason for clogging may be that larger particles in the unfiltered water are stuck in the pores, blocking the filter. To do a more thorough cleaning of the filter, dissolve 1 tsp of 3.5% chlorine (common bleach) into a container filled with 500 ml water. Make sure to remove the carbon capsule from the filter. Then place the filter in the cap and screw it onto the bottle. Shake the mix in the bottle and leave it for a night. Make sure to rinse the bottle and filter thoroughly after this procedure.

Problem: The water I'm drinking with LifeStraw Universal has a foul taste or smell

To solve this problem, use the cleaning procedure. If this doesn't resolve the issue, use a more thorough

cleaning procedure: dissolve 2.5 ml of bleach into the bottle filled with water. Make sure to remove the carbon capsule from the filter. Then place the filter in the cap and screw the top part to the bottle. Shake the mix in the bottle and leave it for a night. Make sure to rinse the bottle and filter thoroughly after this procedure.

Problem: There is some water coming out of the mouthpiece

Sometimes changes in the air pressure will cause water to be expelled from the bottle through the filter. If you are on an airplane or an elevated terrain, make sure to open and close the top part of the bottle to release the trapped pressure and avoid leakage due to pressure change.

Disclaimer

Vestergaard S.A. and its affiliated entities and related companies shall be neither liable for any damages arising out of or as a result of the use of LifeStraw for any purpose other than for which it is clearly intended, nor for any malfunction resulting from the failure of the user of LifeStraw to strictly abide by the usage and safety information contained in this manual.

Stated microbiological and longevity performance of LifeStraw is conducted under standard laboratory test conditions; more information regarding test results and conditions can be found on www.lifestraw.com.

The effectiveness of LifeStraw may be limited by environmental or hygienic conditions that could contribute to the recontamination of water after it has passed through the product's internal filter. These conditions include but are not limited to:

1. Use of the LifeStraw with dirty and bacteria-contaminated hands
2. Placement of LifeStraw in a mouth contaminated with bacteria
3. Use of the LifeStraw in a dense coliform environment
4. Failure to maintain a sterile mouthpiece on the LifeStraw
5. Sharing of LifeStraw between two individuals
6. Use in or exposure to extreme heat or freezing temperatures

Read these usage and safety instructions carefully before using LifeStraw Universal. LifeStraw Universal is a personal water filtration tool and should only be used for filtering water.

The quality of the filtered water is not guaranteed if the product is submitted to conditions other than those encountered during its normal use. To prevent breakage, do not drop or hit LifeStraw Universal against a hard object. Do not drop the product in polluted water as this might contaminate the mouthpiece.

Your use of LifeStraw Universal implies that you accept and agree to these terms, conditions, and disclaimer.

WARNING

Drinking untreated water or improper use of LifeStraw Universal may expose you to harmful microorganisms and increase your risk of gastrointestinal illness. Reduce your risk of becoming sick by following these safety instructions and by educating yourself on drinking water safety.

Never use LifeStraw Universal with water that may be contaminated with chemicals, heavy metals, brackish or sea water

DO NOT DROP or place pressure on this product in any manner. The intentional or unintentional impact of this product on a solid surface may damage the filtration mechanism within the LifeStraw Universal and render it inefficient and unusable. Do not use this product to drink water at a higher temperature than 60°C. This product must not be used by children under the age of 5 without the supervision of an adult.

TRADEMARK INFORMATION: All trademarks, trade names, mentioned or illustrated are the property of their respective owners. Reference to, or illustration of any commercial products that LifeStraw Universal is compatible with is solely to inform you about compatibility of our product. LifeStraw is not affiliated with, recommended, or endorsed by these respective manufacturers.

