**ENGLISH**

The LifeStraw Universal adapter kit incorporates advanced water filter technology which removes bacteria, protozoa, heavy metals, 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 99.9999% of bacteria (e.g. coli) and 99.99% of protozoa (Giardia, Cryptosporidium, etc.).

**Stage 2:** Replaceable activated carbon capsule improves taste and reduces bad odor, chlorine and organic chemical residues. Lifetime: 1.1 liters (15 gallons)

**Troubleshooting**

**Problem:** I can’t seem to draw water from the straw, it is 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 suction until there is some water flowing and then do the backwash procedure.

Another reason for clogging may be that larger particles in the untreated water are stuck in the pores, blocking the filter. To do a more thorough cleaning of the filter, disassemble 1.5% saline (commonly known as a container filled with 1.5 liters water. Make sure to remove the carbon capsule from the filter. Then place the filter in the tap 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: disassemble 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 tap 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 mouthpiece. If you are on an airplane or an elevated location, make sure to open and close the top part of the bottle to release the trapped pressure and avoid leakage due to pressure change.

**Daily use**

1. Choose the screw cap size that fits your bottle.
2. Choose which mouthpiece to use.
3. Place the filter into the screw cap.
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.**

Contact us to stop the production of clean drinking water. 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 unblock the filter and help remove any trapped particles.

**Step 1:** Rinse any untreated 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 term 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 mold. After long-term storage, repeat the first time use procedure before reusing.

**Replacing the carbon capsule**

The carbon capsule should be replaced after 1.1 liters (15 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 water tap. Then, insert it by pushing it into the carbon chamber until it works properly.

**Compatibility**

The LifeStraw Universal adapter 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 7.5.”

**MINIMUM**

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 chemotherapy, 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 75°C. This product must not be used by children under the age of 5 without the supervision of an adult.

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