

LifeStraw Product Information

Presentation

LifeStraw Products

- They are Instant Microbiological Water Purifiers.
- An innovative safe drinking water solution, developed with developing countries (Nigeria) in mind.
- LifeStraw is committed to redefining the safe drinking water space through technology innovation, product quality, design.
- LifeStraw is made by Vestergaard and distributed in Nigeria by EnvironFocus Limited – A Sustainability consulting firm.
- Vestergaard is a family owned global health company dedicated to improving the health of vulnerable people, most of whom live in developing countries.

Partners

- Partners include The Carter Centre, Malaria No More, Roll Back Malaria, United Nations Foundation and World Vision.
- Our clients: Government, States, NGOs/ PVOs, Community groups and Local Corporates (B2B).

Approvals

- Independently tested by WHO Meets highest performance category (3 stars – comprehensive protection)
- Exceeds US EPA drinking water standards
- All LifeStraw products have a certificate of quality
- Product registered under Standards Organizations of Nigeria

Results

- Prevents waterborne disease such as diarrhea, typhoid, cholera, worms, and cryptosporidiosis.
 - Removes 99.9999 % of bacteria (E. coli, etc.)
 - Removes 99.99 % of protozoan cysts (Giardia, Cryptosporidium, etc.)
 - Removes 99.999 % of viruses (Rotavirus, Hepatitis A)

Attributes

- Affordable, durable, easy to install, use and maintain.
- Will provide you, your school, business, family, church and community with instant access to safe clean drinking water.
- Abilities to use water from any source – river, lake, well, stream, tap etc.
- Varied sizes available.
- Contains no chemicals (and is BPA free), uses no iodine or iodinated resin, no batteries, and has no moving parts

Product Information

LifeStraw Community



LifeStraw Community

- It is an instant microbial high-volume point-of-use water purifier with built-in safe storage that provides safe drinking water for community, educational and institutional settings
 - Advanced hollow fibre membrane ultrafiltration with 0.02-micron pore size also removes viruses
 - Removes 99.9999 % of bacteria (E. coli, etc.)
 - Removes 99.99 % of protozoa (Giardia, Cryptosporidium, etc.)
 - Removes 99.999 % of viruses (Rotavirus, Hepatitis A)
 - Filters 70,000 -100,000 liters*
 - Filtration rate 12L/hour* Serves about 75-100 people per day

LifeStraw Family 2.0



LifeStraw Family 2.0

- LifeStraw Family good for homes with people size of 5- 10.
- Advanced hollow fibre membrane ultrafiltration with 0.02-micron pore size
- Removes 99.9999 % of bacteria (E. coli, etc.)
- Removes 99.99 % of protozoa (Giardia, Cryptosporidium, etc.)
- Removes 99.999 % of viruses (Rotavirus, Hepatitis A)
- Externally lab-tested
- Easy to operate
- No repeat intervention
- Does not require electrical power or batteries
- Does not require running water or piped water supply

LifeStraw Family 2.0

- Easy-to-clean pre-filter and purification cartridge
 - Estimated lifetime filtration capacity of 24,000-30,000 liters,* enough to supply a family of five with clean drinking water for three to five years
 - Designed for durability in difficult and hard-to-reach settings
 - Five liter dirty water tank and five liter safe storage tank yields a total capacity of 10 liters
 - Long-lasting, easy operation, requiring minimal training
 - Scalable to underserved communities
- *based on a turbidity level of 4-5 NTU, under laboratory conditions

LifeStraw Go - One Stage Filtration



LifeStraw Go- One Stage Filtration

- The award-winning LifeStraw water filter has now been incorporated into a sports bottle to give users access to safe drinking water even when there is no water source nearby. Simply use the bottle to scoop water from any pond, stream or river, and you will have a supply of fresh, clean drinking water. Take the LifeStraw Go with you when you go to areas with poor water quality. This can be good for school children or adults to take to work.
 - Hollow Fiber membrane filters up to 264 gallons (1,000 litres) of water down to 0.2 microns
 - Removes 99.9999% of waterborne bacteria and 99.9% of waterborne protozoan parasites
 - Durable, leak-proof bottle (650 ml) made of BPA-free Tritan. Mouthpiece made of Food Grade Silicone
 - Filter and mouthpiece detach for easy cleaning

LifeStraw Go- Two Stage Filtration

- Exactly as the one stage filtration above but has an additional benefit of an activated carbon capsule reducing chemicals (such as chlorine), organic compounds (including pesticides and herbicides), odor and bad taste.
- The carbon capsule has a lifetime of 26 gallons (100 litres) before change is required
- Good for areas that use municipal water where chlorine is the disinfectant used for water treatment
- Good for areas close to farmlands where pesticides and herbicides etc. can seep into the water bodies.

LifeStraw Personal



LifeStraw Personal

- The LifeStraw personal water filter, a “Best Invention of the Year” (Time magazine) winner, enables users to drink water safely from most contaminated water sources.
- LifeStraw is ideal for emergency preparedness, as well as for campers, fishermen, farmers and hikers who may be drinking from rivers or lakes and are unsure of the water safety.
- lightweight and compact, it is also great for travelers who do not want to rely on the quality of local water.

LifeStraw Personal

- LifeStraw is the most advanced personal water filter available today. LifeStraw surpasses EPA guidelines for E. coli, Giardia, and Cryptosporidium oocysts, rigorous standards for water filtration.
- No pumping, no moving parts, no waiting for gravity to work: just insert the end in a water source and suck. LifeStraw uses the same hollow tube technology as full-size water filters, resized for personal use or for your emergency kit. When you're done drinking, simply blow residual water out and replace the end-caps.

LifeStraw Personal

- Filters up to 264 gallons (1,000 liters) of water
- Removes 99.9999% of waterborne bacteria and 99.9% of waterborne protozoan parasites
- Reduces turbidity, filtering down to 0.2 microns
- Contains no chemicals (and is BPA free), uses no iodine or iodinated resin, no batteries, and has no moving parts
- Very high flow rate with no after taste
- Easy to clean and maintain with no shelf life, can be stored indefinitely

LifeStraw Steel



LifeStraw Steel

- The LifeStraw Steel personal water filter builds upon the ingenuity intrinsic to the original LifeStraw personal water filter with a durable, sleek steel exterior and 2-stage water filtration process.
- In addition to the hollow fibre membrane (filtering out virtually all bacteria and protozoa), the LifeStraw Steel water filter has the additional benefit of an activated carbon capsule reducing chemicals (such as chlorine), organic compounds (including pesticides and herbicides), odor and bad taste.

LifeStraw Mission 5L-12L



LifeStraw Mission 5L-12L

- The LifeStraw Mission gravity powered water purifier Purifies an impressive 18,000 liters of water (4,750 gallons).
- Simply fill the BPA-Free bag, hang, and enjoy clean, purified drinking water. It's Ideal for use in your village homes during personal or family vacations, camping, group hikes, expeditions, army corps
- Available in 5 litre or 12 litre sizes.
- Filters up to 4,750 gallons (18,000 liters) of water to 0.02 microns

LifeStraw Mission 5L-12L

- Advanced hollow fibre membrane ultrafiltration with 0.02-micron pore size also removes viruses
- Removes 99.9999 % of bacteria (E. coli, etc.)
- Removes 99.99 % of protozoa (Giardia, Cryptosporidium, etc.)
- Removes 99.999 % of viruses (Rotavirus, Hepatitis A)
- Requires no power, batteries, or running water supply
- Purifier is easy to clean in the field, thanks to integrate back-flush bulb
- Roll-top dry bag is lightweight, compact and easy to fill

LifeStraw Mission 5L-12L

- Fill-marker windows on bag display water level
- Shoulder strap makes carrying easy, while also enabling the bag to be hung from a tree
- Designed to handle turbid and muddy water
- Easy-to-remove, 80-micron pre-filter inside bag
- Flow-rate of 9-12 liters/hour
- All raw materials are US FDA compliant or equivalent
- WEIGHT: 1.6 lbs.

LifeStraw Family 1.0



LifeStraw Family 1.0

- LifeStraw Family is a large volume water purifier providing up to 4,750 gallons or 18,000 liters of water, enough to supply a family of five with clean drinking water for up to three years. Lightweight and portable, LifeStraw Family is perfect for water filtration while travelling in remote areas. It makes filtering water a breeze at base camps, while vehicle camping or camping with groups.
- Advanced hollow fibre membrane ultrafiltration with 0.02-micron pore size also removes viruses

LifeStraw Family 1.0

- Removes 99.9999 % of bacteria (E. coli, etc.)
- Removes 99.99 % of protozoa (Giardia, Cryptosporidium, etc.)
- Removes 99.999 % of viruses (Rotavirus, Hepatitis A)
- Can be positioned to collect rainwater as a water source
- Filters up to or 4,750 gallons (18,000 liters) of water to 0.02 microns
- Requires no power, batteries, or running water supply
- Flow-rate of 9-12 liters/hour
- Has an easy-to clean pre-filter and purification cartridge

LifeStraw Family 1.0

- All raw materials are US FDA compliant or equivalent
- The feed water bucket (2 liter capacity) is filled with water
- The 80-micron textile pre-filter (inside the feed water bucket) removes coarser particles and is easy to clean
- Water passes through the blue PVC hose and gravity exerts pressure on the filter cartridge to reach a high flow rate
- Ultra-filtration occurs in the hollow fiber membrane cartridge – a pore size 0.02 microns retains bacteria, viruses, parasites and fine dirt particles
- The blue tap is turned to release purified water
- Backwash the membrane by squeezing the red bulb 3 times with both taps closed, then release the dirty water from the red tap

Contact Information

More information on Vestergaard can be viewed at <http://www.vestergaard.com/> and more information about EnvironFocus can be seen at <https://www.environfocus.com/lifestraw-nigeria/>

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