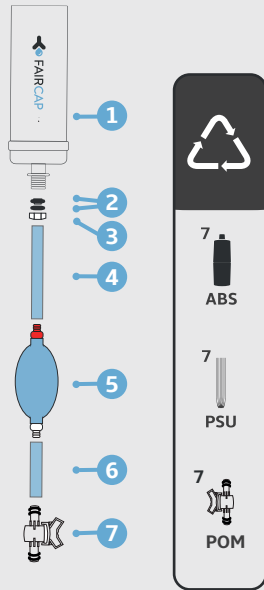
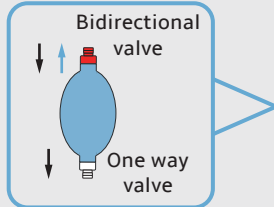


- 1 Faircap Filter
- 2 Silicone Gaskets
- 3 Plastic Nut
- 4 Silicone Hose
- 5 Silicone Pump
- 6 Silicone Hose
- 7 Valve



Faircap has designed a small, robust, easy-to-use, high-flow and low-cost water purification device that can be screwed on or adapted to existing water containers such as drums, buckets or tanks of water.

With a membrane with a pore size of either 0.1µm or 0,01µm the Faircap Family can eliminate turbidity, bacteria, protozoa, cysts and even viruses that cause gastrointestinal diseases without the use of chemicals or external energy. This kit is designed to be light enough so that it can be easily transported to the affected area and installed locally.

The Faircap Family works with the pressure of gravity and a small hand pump. Due to its intuitive design using a pump and a limited number of parts, the Faircap Family filter can be installed and used by following simple graphic instructions.

7. SPECIFICATIONS

PRODUCT	FAIRCAP FAMILY BACTERIA FILTER	FAIRCAP FAMILY VIRUS FILTER
Size	25cm x 18cm x 4.5cm	25cm x 18cm x 4.5cm
Weight	Net weight 250 gr	Net weight 250 gr
Material	Polysulfone Microfiltration	Polysulfone Ultrafiltration
Pore Size	0.1 micron	0.01 micron
Membrane Area	0.5m2	0.5m2
Sediments	YES	YES
Cysts	YES	YES
Bacteria	YES	YES
Virus	NO	YES
Organic Chemicals	NO	NO
Flow Rate	From 20-30L per hour by gravity	From 6-10L per hour by gravity
Useful Life	Approximately 10,000 liters or 2 years depending on the water source and daily use	Approximately 5,000 liters or 1 year depending on the water source and daily use

If you want to store filtered water for several hours in a container, make sure that the storage container has been previously washed with soap and water to avoid recontamination of the filtered water. Adding a few drops of chlorine or a chlorine tablet is recommended to keep the water safe to drink for several hours.

Do not use the filter in water sources that contain dissolved chemicals or salt water. Faircap does not remove chemicals or salt.

Do not use the filter if it is damaged or broken. A broken filter does not remove harmful pathogens.

FAIRCAP FAMILY WATER FILTER KIT

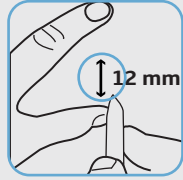


CLEAN DRINKING WATER FILTER

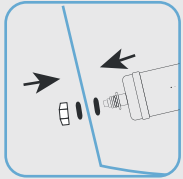
1. HOW TO INSTALL THE FILTER



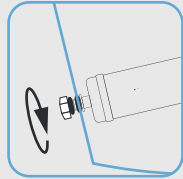
1°. Draw a 12mm circle on the sidewall of the bucket, about 40mm from the bottom.



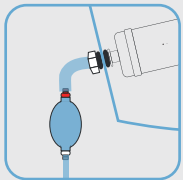
2°. Cut a hole around the 12 mm circle.



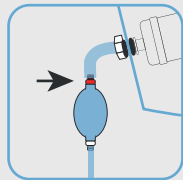
3°. Put a silicone ring on the thread of the filter. Insert the filter connector into the hole. Place the other silicone ring.



4°. Screw the nut in the thread of the filter.



5°. Make sure the filter is correctly connected to the bucket to avoid leakages. Connect the silicone hose and the silicone pump.



6°. Make sure the red connector of the silicone pump is connected to the silicone hose coming from the filter.

2. USES



Emergencies



Camping

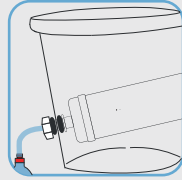


Urban Areas

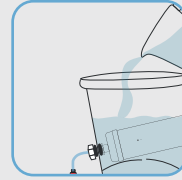


Rural Areas

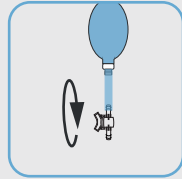
3. HOW TO USE



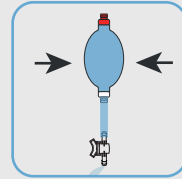
1°. Ensure the container is clean. You can clean it with soap or a few drops of chlorine.



2°. Fill the container with the cleanest source of water you can find.



3°. Open the outlet valve.

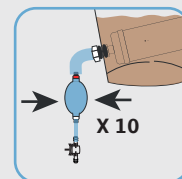
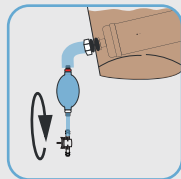


4°. Squeeze the pump a few times to activate the water flow.



Scan the QR to watch the tutorial!

4. CLEANING



Every day after use it is recommended to clean the filter. Just close the outlet valve and squeeze the silicone pump 10 times. This will backwash the membranes of the filter. Once a month it is recommended to wash the filter with chlorinated water to keep the filter always disinfected.

5. BENEFITS

Family Sized

It can filter up to 30L/h. Ideal to meet the drinking water needs of a family of 5 members for an estimated period of a year.

Easy to use

It can be installed in any bucket. Just pour water into a bucket and filter the water using gravity.

Last point of contact

On-demand filtration helps to ensure that clean water does not get contaminated again after filtration. You may also store clean water into a second container if needed and add a few drops of chlorine to keep water clean.

Effective

Filters 99.99% of bacteria as well as larger pathogens and sediment. Can filter 99% of viruses with a 0.01 micron membrane.

6. CERTIFICATION

Faircap
Est. No.
97158-ESP-1
97158-UK-1



Registered with the US Environmental Protection Agency as a pesticide device establishment.



SUPPORTED BY



Humanitarian innovation fund

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