



Safe drinking water
wherever you travel

LIFESAVER[®]
systems

The World's first all in one ultra filtration system



Instant safe drinking water for you & your family

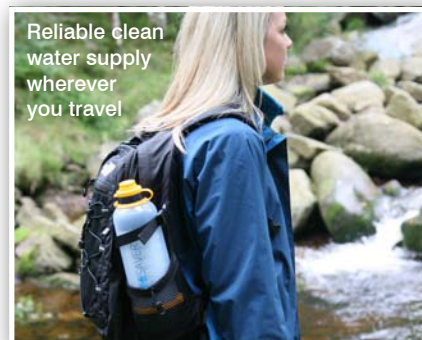
The LIFESAVER bottle and jerrycan use unique, patented technology to protect both individuals and families on their travels, supplying them with clean pathogen-free drinking water. Use LIFESAVER when you are trekking, camping, travelling abroad or anywhere you don't trust the water.

"The smallest bacteria are about 200nm (200 nanometers) in size, the smallest viruses are about 25nm. The holes in LIFESAVER membranes are 15nm so nothing is getting through."

Michael Pritchard, Inventor of LIFESAVER technology

LIFESAVER® systems was founded by Michael Pritchard in 2007. He was inspired to invent the company's first product the LIFESAVER bottle after seeing the tragic waste of life and serious problems caused by the lack of safe drinking water in the wake of the tsunami in December 2004 and then again the following year on August 29, 2005 when Hurricane Katrina hit Louisiana. Michael felt he had to do something. It took a little while (18 months to be exact) and some very frustrating prototypes but eventually he did it and LIFESAVER was born. The LIFESAVER jerrycan followed in 2009.

LIFESAVER systems are a British Company. We Invent, Design & Manufacture all of our products in Great Britain. We serve 3 main markets, Humanitarian, Leisure Travel & Military. Our products ship to all corners of the world. Our customers and users range from canoeists paddling up the Amazon, Haitian families recovering from the ravages of the 2010 earthquake, soldiers scavenging water in the green zone in Afghanistan and kids on gap years abroad. Around the world LIFESAVER systems have helped hundreds of thousands of people produce safe sterile drinking water.



unique features...

Travelling abroad - protect your family

Drinking water while abroad can be hazardous at the best of times. Now you don't have to worry. Just take your LIFESAVER bottle or jerrycan with you. Fill it directly from any available water source to protect you and your family from all waterborne diseases.

Emergency preparedness

"Water water everywhere but not a drop to drink!" Whether it is flooding in the UK, hurricanes in America or contamination in the local water supply, safe sterile drinking water can sometimes be impossible to get hold of. Having LIFESAVER technology means you no longer need to worry. It will process up to 20,000 litres of safe sterile drinking water. Give you and your family the certainty of supply with the LIFESAVER bottle or jerrycan.

Water is weight!

One of the heaviest things to carry around is water. On a hot day you need as much as 10 kilos of the stuff. Carrying LIFESAVER technology means this extra weight is no longer necessary. Use the LIFESAVER bottle or jerrycan to collect water from streams, rock pools, muddy puddles and dirty ditches.

Reduces environmental impact of travelling

Relying on the LIFESAVER bottle and jerrycan for clean drinking water removes the need for plastic bottles, directly reducing your impact on the environment.

LIFESAVER[®]
systems

No chemicals are used, LIFESAVER simply filters c



"The Rolls Royce of water filters."

Winner Best in Test - Bushcraft Magazine



Use the jerrycan for gathering larger amounts of water



Drink directly from the bottle or use to fill other receptacles



Use the jerrycan shower to stay fresh on the go

LIFESAVER UF cartridges

The LIFESAVER bottle is fitted with either a 4000UF or 6000UF replaceable cartridge. The 4000UF has a service rating of up to 4000 litres of water and the 6000UF up to 6000 litres. The cartridge will remove bacteria, viruses, cysts, parasites, fungi and all other microbiological water-borne pathogens from your water (see performance data). The LIFESAVER jerrycan is fitted with either a 10,000UF or 20,000UF replaceable cartridge and has a service rating of up to 10,000 and 20,000 litres of water depending on the filtration capacity you require.

FAILSAFE technology

As the cartridge approaches the end of its life the bottle and the jerrycan require a greater number of pumps to induce water to flow. When both systems require a significant number of pumps to induce water to flow this indicates that they are nearing the end of their life. When no more water can be induced to flow despite continuous pumping, the cartridge has expired and it is time to replace it.

No chemicals

Users of iodine (which is now a banned substance in the EU) and other foul-tasting chemical sanitizers will appreciate that LIFESAVER technology does NOT use any chemicals. It simply filters out all water-borne pathogens creating safe sterile drinking water - instantly.

Any position operation

The LIFESAVER bottle and jerrycan have been designed to work at any angle and in any axis. This means that in effect it will work in any position. Not only are you able to drink from them at any angle, but fill mugs, water bottles, pans and other water storage vessels.

Filtration on demand

Filters water on demand rather than on collection, resulting in rapid scavenging of water in the field. With LIFESAVER technology there is no time wasted filtering water at the point of collection or waiting for chemicals to work. Simply Scoop and Go™. Just give it a few pumps and that's it, as soon as you open the bottle teat or turn the tap of the jerrycan, clean drinking water begins to flow.

Activated carbon filter

The bottle and the jerrycan also come with an optional activated carbon filter. This is made of high specification activated carbon block which reduces a broad spectrum of chemical residues including pesticides, endocrine disrupting compounds, medical residues and heavy metals such as lead and copper. It also eliminates bad tastes and odours from contaminants such as chlorine and sulphur.

Pre-filter disc / scavenging sponge

LIFESAVER bottle is supplied with a pre-filter disc. This protects the membranes from objects such as gravel, sand, sticks and mud, prolonging the life of the LIFESAVER cartridge. Your pre-filter disc

may also be used as a sponge. Use it to soak up water from those hard to reach areas like cracks in rocks or shallow puddles.

Chew-proof teat

LIFESAVER bottle is fitted with a chew-proof non-tasting replaceable teat. Although it is chew-proof it will after time begin to wear. Unlike many other systems LIFESAVER bottle has been designed so that it's teat can easily be changed.

Instructicons™

LIFESAVER systems have developed instructicons™. These unique icons have been designed to be universally understood. Instructicons use no words or numbers, just simple, easy to understand icons.



out all water-borne pathogens, creating safe sterile drinking water - instantly!

Performance and technical data

Minimum operating temperature

>0 °C (32 °F)

Maximum operating temperature

50 °C (122 °F)

Minimum storage temperature

-10 °C* (14 °F)

Maximum storage temperature

60 °C (140 °F)

Initial flow rate of

LIFESAVER bottle

2.5L/min@0.25 Bar¹

Bottle UF cartridge service rating

4000 litres (1056 US gallons)

6000 litres (1585 US gallons)

Initial flow rate of

LIFESAVER jerrycan

2L/min@0.5 Bar¹

Jerrycan UF cartridge service rating

10000 litres (2650 US gallons)

20000 litres (5300 US gallons)

MWCO

200KDa – on dextrans

Bacteria retention

>99.999995 % (log 7.5)²

Virus retention

>99.999 % (log 5)³

Chemical reduction

Activated carbon reduces chemical residues, inc; pesticides, endocrine disrupting compounds, medical residues and heavy metals

LIFESAVER systems

US compliance

EPA - US National Primary Drinking Water Regulations under the Safe Drinking Water Act 93-523

LIFESAVER systems

UK compliance

Water Supply (Water Quality) Regulations 2000

LIFESAVER systems

EU compliance

European Drinking Water Directive Council Directive 98/83/EC

LIFESAVER systems

WHO compliance

Guidelines for Drinking-water Quality First Addendum 3rd Edition

Membrane approvals/compliances

CE, EPA, NSF, WHO, WRAS, DVGW, KIWA, KTW, LSHTM

Dry weight of bottle inc. cartridge

635 grams approx (approx. 22 oz)

Dry weight of jerrycan Inc. Cartridge

3900 grams (approx. 137 oz)

Bottle storage capacity

750ml (1.6 US pints, 25.3 US oz)

Jerrycan storage capacity

18.5L (39.09 US pints, 625.44 US oz)

Warranty

2 Year international limited

1 Flow rates and capacity depend on the quality of the feed water

2 Tested by London School of Hygiene & Tropical Medicine using *Escherichia coli* NCTC 10418 in accordance with the Protocol for Microbiological Water Purifiers in accordance with US Environmental Protection Agency (EPA) guidelines.

3 Tested by London School of Hygiene & Tropical Medicine using Poliovirus Type 1 (Sabin vaccine strain) in accordance with the Protocol for Microbiological Water Purifiers in accordance with US Environmental Protection Agency (EPA) guidelines.

* After first use the product should be protected against freezing

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LIFESAVER® technology removes



from all sources of water

"LIFESAVER Technology' was tested using micro organisms in far greater numbers than could ever be found in natural water sources. This is the worse-case scenario approach recommended by the EPA (Environmental Protection Agency) and their guidelines have been used to draw up our own protocols for testing of all Microbiological Water Purifiers. As well as using modified tap water for our tests we use samples taken from a pond or stream as our challenge test water to simulate 'real-life' situations as per EPA guidelines."

Under the conditions of testing in our laboratory as shown in this report, our results show that 'LIFESAVER Technology' removed all bacteria and viruses from a contaminated water source in excess of legal requirements and as such, complies with all British, US and European Drinking Water Regulations for Microbiological Reduction.

London School of Hygiene & Tropical Medicine



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systems

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Clothing for these photos was supplied by Coes. www.coes.co.uk