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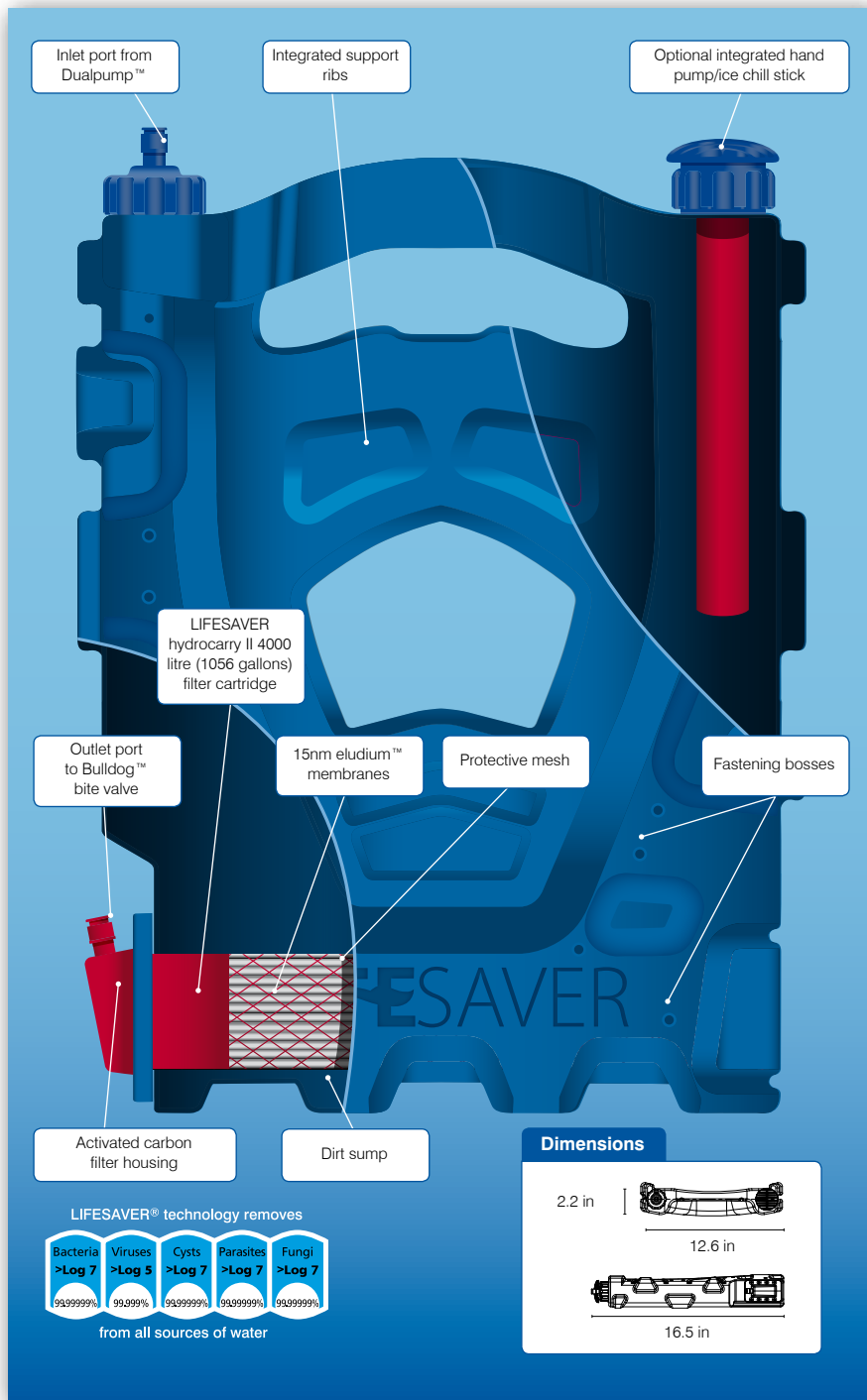
The World's first
integrated ultra
filtration
hydration
pack

LIFESAVER[®]
hydrocarry

technical data

LIFESAVER®

hydrocarry



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 hydrocarry II

2.5L/min@0.25 Bar¹

LIFESAVER hydrocarry II

UF service rating

4000 Litres (1056 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 hydrocarry II inc. cartridge

Approx. 725 grams (25.6 oz)

Hydrocarry II Storage capacity

3.2L (108.2 US oz)

Load displacement

Volumetric displacement

3.85L (130.1 US oz)

Effective volumetric displacement

2.65 (89.6 US oz)

Materials of construction

Unobtainium 2.94%bv

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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