

KATADYN SURVIVOR 06* - The world's smallest desalinator

PRODUCT CHARACTERISTICS

Technology: Reverse osmosis
 Desalination: 98.4% on average (95.3% minimum. The desalination degree effect depends on different influence factors such as pressure, throughput and the quality of water)
 Flow: 0.89 l/h
 Weight: 1.13 kg
 Dimensions: 12.7 x 20.32 x 6.35 cm
 Guarantee: 1 year
 Material: Pump: Stainless steel, plastics.
 Membrane approved by the US FDA (Food and Drug Administration)
 Article No.: 8013418

* Earlier PUR Survivor



FACTS

- Hand-operated desalinator for 1-6 people
- Optimum pump frequency: 30 pumps per minute
- Approved by the U.S. Coast Guard and used by army troops worldwide
- Prescribed equipment for "Around-Alone" sailing regatta

PRODUCT CHARACTERISTICS > BENEFITS

- The world's smallest desalinator > find space for it anywhere
- Provides 0.89 litres of water per hour > ensures survival in an emergency
- High energy efficiency > pumping does not require much effort
- Can be operated manually > not dependent on electricity
- Durable design > extremely reliable and long life
- Weighs only 1.13kg > ideal wherever minimum weight is an issue

SHORT PROFILE

The world's smallest desalinator. Emergency tool for inflatable life-rafts and overboard bags. For 1 to 6 people. Also suitable for sea kayaking.

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REVERSE OSMOSIS

In reverse osmosis, part of the salt water is filtered through a semi-permeable membrane. Only 10% of the water passes through the filter membrane. The remaining 90% flows past the membrane and at the same time cleans the membrane (self-cleaning effect). The small size of the membrane pores ensures extremely pure drinking water, but makes extremely high pressure necessary - normally 55 bar.

Reverse osmosis is used - in this form or similar forms - worldwide to obtain drinking water, e.g. in the semi-conductor industry and in medicine.

UNIQUE ENERGY RECOVERY SYSTEM

High pressure means high implementation of energy. Unlike other desalinators, the pressure used on rejected water is not lost in the Survivor models. This pressure is returned to the pump via a junction in the outlet and generates a large proportion of the pressure for the next push of the pump. This means that the new pressure does not have to be created for each push of the pump. Result: much easier pumping (or less energy consumption when using our electric models and the possibility of using low-energy 12V motors).

APPROVALS

Approved desalinator as defined in the 1983 conditions of the Safety of Life at Sea Convention (SOLAS).

United States Coast Guard (USCG) license no. 160.058/7/0

Federal Aviation Administration (FAA): fulfills Federal Aviation Requirement (FAR) Section 135, 121

Transport Canada Coast Guard: T.C. 208-004-001.

Aviation: in compliance with Air Navigation Order (ANO) and Series 11, No. 8 Schedule 111, 1(b)

Katadyn reserves the right to modify product characteristics.