

KATADYN SURVIVOR 06 - The world's smallest desalinator

PRODUCT CHARACTERISTICS

Technology: Reverse osmosis
 Salt Rejection: 98.4% on average (96% minimum).
 The desalination degree depends on factors such as water temperature and salinity.
 Temperature: Operation: 2°C to 45°C / 36°F to 113°F
 Storage: -4°C to 35°C / 22°F to 95°F
 Short term: -20°C to 40°C / -4°F to 104°F
 Flow: 0.89 l/h +/- 15%
 Weight: 1.13 kg
 Dimensions: 12.7 x 20.3 x 6.4 cm
 Guarantee: 1 year
 Material: Stainless steel, plastics. Membrane approved by the US FDA (Food and Drug Administration)
 Authority
 Article No.: 8013419



FACTS

- Hand-operated desalinator for 1 - 6 people.
- Optimum pump frequency: 40 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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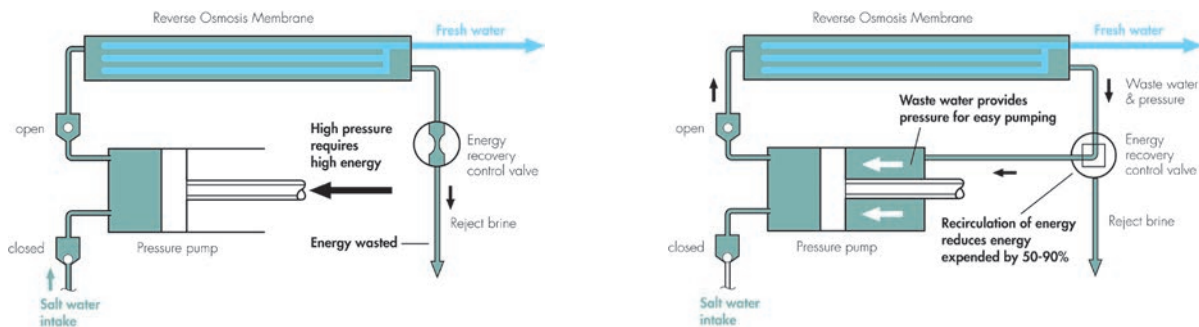
REVERSE OSMOSIS

To remove dissolved salts from seawater with reverse osmosis, part of the salt water is filtered through a semipermeable membrane. Only 10% of the water passes through the membrane. The remaining 90% flow 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 extremely high pressures must be generated - normally 55 bar.

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

KATADYN'S PATENTED ENERGY RECOVERY SYSTEM

The Katadyn Energy Recovery system takes advantage of stored energy in the high pressure reject water that is typically wasted. The pressurized reject water is recirculated to the back side of the piston to aid the next stroke. This energy is kept in the system, resulting in less work to achieve fresh water.



APPROVALS

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

USA

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

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

CANADA

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 products

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