

## SEA RECOVERY AQUA MATIC 450-1 DESALINATOR 71 LT/H

Reference: AQUA MATIC 450-1 GPD



### SEA RECOVERY AQUA MATIC 450-1 DESALINATOR 71LT/H

The desalinator SEA RECOVERY AQUA MATIC 450-1 is a reverse osmosis plant in compact or modular configuration with flow rate 71Lt/h.

With just one touch, the Aqua Matic 450-1 will produce water, allowing boaters more time to relax and enjoy the cruise. The desalinator is equipped with an automatic pressure regulation and fresh water drainage system. The desalinator with a capacity of 71Lt/h Sea Recovery the Aqua Matic 450-1 is able to perform self maintenance functions without the need for an operator. The automatic pressure regulation system automatically balances pressure levels according to any condition, allowing boaters to avoid the time-consuming work of manual pressure regulation.

The reverse osmosis with a flow rate of 71Lt/h Aqua Matic 450 is compatible with NMEA 2000, giving boaters the ability to monitor and communicate with the reverse osmosis through any NMEA compatible display.

The NMEA 2000 protocol, also known by the abbreviations NMEA2k or N2K, allows to define a standard for serial, plug and play and bidirectional communication between marine devices that use the same protocol such as temperature sensors, wind direction and intensity detectors, but also motors, chart plotters, displays and so on.

Functions and controls are available everywhere in the NMEA 2000 network, and can be quickly configured with a single touch of the menu. The navigators can also start and stop the osmosis from the remote display. The easy-to-use touch screen displays explanatory images of all operating conditions.

The desalinator with 71Lt/h Aqua Matic 450-1 is supplied with a color LCD touch screen that simplifies osmosis monitoring and operation, reminds and alerts the boat of any maintenance needs and if the performance or water quality falls below a certain level to ensure that the reverse osmosis system continues to operate optimally. The automatic rinsing system and LCD monitoring system optimize the performance of the trimmer and membrane because the osmosis system rinses every 7 days, whether the desalinator is producing water or in standby mode.

The desalinator with a capacity of 71Lt/h Sea Recovery can be supplied in a compact or modular configuration according to the customer's needs, allowing the use of the reverse osmosis even on boats or extremely narrow premises.

#### TECHNICAL CHARACTERISTICS DESALINATOR SEA RECOVERY AQUA MATIC 450-1 71Lt/h

**Vessel Number:** 1

**Water Production:** 71lt/h

**Daily Production:** 1703lt/g

Performance: +-15% at 820 PSI / 57 BAR, 77°F / 25°C and 35,000 PPM TDS

**Filter Type:** Sea Strainer with a cleanable Monel Mesh Screen filter, Charcoal Filter Assembly, Commercial Prefilter, and Oil Water Separator

**Pressure Adjustment Control Type:** Automatic

**Salinity Range:** Designed for seawater use up to 50,000 PPM TDS

**Length:** 710 mm

**Width:** 457 mm

**Height:** 421 mm

**Weight:** 68 kg

If you are looking for another desalinator similar to Sea Recovery then we suggest you to browse our entire catalog dedicated to [nautical desalinators](#).

Images and technical data are not binding.

## Technical Sheet

Length (mm)	710
Width (mm)	457
Height (mm)	421
Dry weight (Kg)	68
Production for hour at 25°C (Lt/h)	71
Daily production at 25°C (Lt/day)	1703