



OSMOSEA NEW12 100 NAUTICAL WATERMAKER 100 LT/H

Reference:

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The Osmosea New12-100 Nautical watermaker is a one-piece reverse osmosis plant equipped with 2 carbon 4021 vessels, capable of supplying up to 100 lt/h of fresh water through the reverse osmosis process.

The Osmosea watermaker New12 nautical semipermeable membrane used in the reverse osmosis process separates the salt and impurities in the seawater from the freshwater, allowing the freshwater to be collected on the opposite side of the membrane.

The Osmosea watermaker New12-100 nautical watermaker is specially designed for boats, offering constant production of fresh water thanks to its automatic control system, which regulates pressure and pump speed.

Equipped with state-of-the-art technology, the l'Osmosea New12-100 uses a reverse osmosis process to remove salt and other impurities from seawater, producing high-quality fresh water. This process is done through a series of specialized filters and membranes that separate salt and unwanted substances from the water, ensuring a clean and safe result.

The Nautical watermaker is sold complete with:

- Osmosea® Pressure Intensifier
- Stainless Steel Feed Pump with Brushless Motor
- Pre-filter
- Post-filter;
- Flushing System
- Carbon Filter for Flushing
- Touchscreen Remote Panel
- Digital System Control Unit
- Brushless Motor Control Unit
- Installation Kit (Hoses, fittings, hose clamps)
- Maintenance Kit (No.1 spare filter set, filter wrench, Products for washing and winterization)
- Non-Return Valve
- NMEA 2000 Compatibility

The Osmosea New12-100 watermaker's control system constantly monitors the quality of the water produced, ensuring that it is of high quality and potable. The Osmosea New12-100 watermaker is also compact and easy to install, suitable for any vessel, large or small, and requires little in the way of maintenance.

REMOTE PANEL FUNCTIONS

- Start/Stop
- Start with Soft Start
- Automatic Stop with timer or with programmable liter counter

- Inlet Pressure Readout
- Differential pressure reading
- Readout lt/h produced
- Salinity reading
- Hour counter
- Immediate osmotic membrane flushing
- Osmotic membrane flushing Periodic
- Automatic Pressure Regulation
- Salinity Monitoring and Control System

TECHNICAL CHARACTERISTICS OSMOSEA NEW12 100 Nautical:

Production: 100 lt/h
Daily Production: 2400 lt/day
Vessel Number: 2
Vessel Type: 4021 in Carbon
Membranes: high efficiency
Salt expelled: 99.4%
Pressure regulation: Automatic
Salinity monitoring: Automatic Electronic
Maximum use salinity: 50000 ppm
Power supply voltage: 12Vdc / 24Vdc / 230Vac
Installed power Vdc: 420 W
Installed power Vac: 750 W
Frame: stainless steel
Length: 796 mm
Width: 317 mm
Height: 408 mm
Net weight: 58 kg

Looking for a Nautical Osmosea watermaker New12 with different features? [HERE](#) you can find the area dedicated to watermakers from OSMOSEA or other specialized brands.

Non-binding images and technical data.

Technical Sheet

Length (mm)	796
Width (mm)	317
Height (mm)	408
Feed Type	12 / 24 VDC or 230 VAC
Production for hour at 25°C (Lt/h)	100
Daily production at 25°C (Lt/day)	2400
Membranes	n.2 4" x 21"
Remote panel	Digital touch screen
Product type	Watermaker
Weight (Kg)	