

# OSMOSEA NEW12 150 NAUTICAL WATERMAKER 150 LT/H



**Product price:**

**10.700,00 € tax excluded**

## **Product description:**

WATERMAKER OSMOSEA NEW12 NAUTICAL 150 LT/H

Watermaker Osmosea New12-150 nautical is a one-piece reverse osmosis plant equipped with 1 carbon 4040 vessels, capable of supplying up to 150 lt/h of fresh water through the reverse osmosis process.

The watermaker's 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 New12-150 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 Osmosea New12-150 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.

Osmosea New12-150 is a powerful nautical watermaker designed to provide an abundance of fresh water while sailing. With a capacity of 150 liters per hour, this Nautical watermaker can meet the drinking water needs of large crews or boats that require a large amount of fresh water.

The watermaker Nautical 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

Its compact design allows easy installation on board, optimizing the use of available space on the boat. In addition, it is equipped with an intuitive control panel that allows quick and easy management of desalination operations.

The Osmosea New12-150 watermaker's control system constantly monitors the quality of the water produced, ensuring that it is of high quality and potable. The Osmosea New12-150 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 150 NAUTICAL:

Production: 150 lt/h

Daily Production: 3600 lt/day

Vessel Number: 1

Vessel Type: 4040 in Carbon

Membranes: high efficiency

Expelled Salt: 99.4%

Pressure regulation: Automatic

Salinity monitoring: Automatic Electronic

Maximum use salinity: 50000 ppm





Power supply voltage: 24Vdc / 230Vac

Installed power Vdc: 600 W

Installed power Vac: 750 W

Frame: stainless steel

Length: 1245 mm

Width: 290 mm

Height: 425 mm

Net weight: 60 kg

Looking for a watermaker Nautical 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.

**Product features:**

Length (mm): 1245

Width (mm): 290

Height (mm): 425

Feed Type: 24 VDC or 230 VAC

Production for hour at 25°C (Lt/h): 150

Daily production at 25°C (Lt/day): 3600

Membranes: n.1 4" x 40"

Remote panel: Digital touch screen

Product type: Watermaker

Weight (Kg): 60

