



OSMOSEA NEW12 150C NAUTICAL WATERMAKER 150 LT/H

Reference:

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Watermaker Osмосea New12-150C Nautical is a one-piece reverse osmosis plant equipped with 1 carbon 4040 vessel, 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 Osмосea New12-150C 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.

Versatility is one of the key features of the Osmea New12 150C. Due to its high production capacity, it is suitable for a wide range of applications, including luxury yachts, commercial boats, and sports activity boats. It can easily provide fresh water for cooking, showers, washing and other daily needs.

Reliability and durability are key features of the Osmea New12 150C. Constructed of high-quality, corrosion-resistant materials, it is designed to withstand demanding marine conditions, ensuring long life and consistent performance over time. It requires minimal maintenance and offers reliable operation even in adverse marine conditions.

The watermaker is sold complete with:

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

Production: 150 lt/h
Daily Production: 3600 lt/day
Vessel Number: 2
Vessel Type: 4021 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: 796 mm
Width: 317 mm
Height: 408 mm
Net weight: 65 kg

Looking for a watermaker 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	24 VDC or 230 VAC
Production for hour at 25°C (Lt/h)	
Daily production at 25°C (Lt/day)	
Membranes	n.2 4" x 21"
Remote panel	Digital touch screen

Product type

Watermaker

Weight (Kg)