



## SCHENKER MODULAR 100 BASIC - WATERMAKER 100LT/H

Reference:

### SCHENKER MODULAR 100 BASIC - WATERMAKER 100LT/H

SCHENKER MODULAR 100 BASIC is a watermaker equipped with two membranes of 2.5" x 21" thanks to which it is able to deliver 100 l/h of osmosis water.

Thanks to the very low power consumption watermaker can be powered directly from batteries. It is possible to install the SCHENKER MODULAR 100 BASIC even without a generator set.

The use of the SCHENKER MODULAR 100 BASIC watermaker is extremely simple, as no adjustment is required. All systems are equipped with automatic pressure regulation. No direct access to the desalinator is required. All functions are carried out remotely via the remote panel.

The SCHENKER MODULAR 100 BASIC watermaker do not use high-pressure pumps. The result is extremely quiet operation and a total absence of vibrations.

The parts of the desalinator that come into contact with seawater are mostly carbon fiber or acetal resin. The SCHENKER MODULAR 100 BASIC is therefore totally corrosion-free. For life.

In the 2.0 systems, all potentially wear-prone components such as o-rings and conventional hydraulic seals have been eliminated. The sealing and sliding elements are made with innovative pads made with nano-technologies. These materials exhibit an abrasion resistance as much as 15 times greater than steel.

Schenker systems, as an alternative to the high-pressure pumps of conventional systems, use the new patented ERS device, which amplifies the pressure provided by low-pressure pumps, allowing a very high energy efficiency. The typical power consumption of a SCHENKER MODULAR 100 BASIC is only 4 Wath/liter.

The ERS is designed specifically for marine applications and is made of materials that are completely impervious to saltwater. Moving parts are kept to a minimum, thanks to the patented solution that eliminates the need for pilot valves.

SCHENKER MODULAR 100 BASIC kit contents:

- Desalinator with Energy Recovery System
- Feed pump with sea water filter
- Active carbon filter with solenoid valve
- Mains filter with sea water intake
- Filter key
- Non return valve
- Fresh water production pipe (5 meters)
- Remote panel
- Installation kit (assortment of screws and fittings)
- Instruction manual

Standard functions:

- Automatic pressure regulation
- High pressure lockout

Remote control functions:

- Remote start/stop
- Desalter flow
- Timed operation

**TECHNICAL FEATURES SCHENKER MODULAR 100 BASIC**

Power: 400 W  
Power supply: 12 / 24 / 48 VDC o 230 VAC  
Flow rate: 100 Lt/h  
Membranes: n.2 4" x 21"  
Control panel: Basic  
Length: 770 mm  
Width: 378 mm  
Height: 410 mm  
Weight: 58 Kg

Looking for a marine watermaker similar to the SCHENKER MODULAR 100 BASIC but with different features? [CLICK HERE](#) to explore our full range.

**Technical Sheet**

Power (W)	400
Length (mm)	770
Width (mm)	378
Height (mm)	410
Feed Type	
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	Basic
Weight (Kg)	