

## SCHENKER WATERMAKER MODULAR 150 DIGITAL



Reference:

### SCHENKER MODULAR 150 DIGITAL WATERMAKER 150LT/H

SCHENKER MODULAR 150 DIGITAL is a watermaker equipped with a 4" x 40" membrane thanks to which it is able to deliver 150 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 watermaker also in the absence of the generating set.

Because of the 80% lower power consumption and the lack of a generator, the CO2 emissions required for water production are reduced by more than 85%. Only the SCHENKER MODULAR 150 DIGITAL allows you to make water and truly respect the environment.

Operation of the SCHENKER MODULAR 150 DIGITAL is extremely simple, as no adjustment is required. In fact, all systems are equipped with automatic pressure regulation. No direct access to the watermaker is required. All functions are performed remotely via the remote panel.

The SCHENKER MODULAR 150 DIGITAL does not use high-pressure pumps. The result is an extremely quiet operation and a total absence of vibrations.

The parts of the watermaker that are in contact with the sea water are mostly carbon fiber or acetal resin. The SCHENKER MODULAR 150 DIGITAL is therefore totally corrosion-free. In the 2.0 systems, all components that are potentially subject to wear, such as o-rings and conventional hydraulic seals, have been eliminated. The sealing and sliding elements are made of innovative pads manufactured using nano-technologies. These materials exhibit up to 15 times the abrasion resistance of steel.

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

#### Contents of the SCHENKER MODULAR 150 DIGITAL kit:

- Watermaker 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 hose (5 meters)
- Remote panel
- Installation kit (assortment of screws and fittings)
- Instruction manual

**Standard functions:**

- Automatic pressure regulation
- High pressure lockout
- Low pressure lockout
- Lockout for non-cycling
- Minimum voltage lockout

**Remote control functions:**

- Remote start/stop
- Timer
- Automatic flush
- Intensive flush
- Periodic flush
- Automatic start-up
- Hour meter
- Assisted maintenance

TECHNICAL FEATURES SCHENKER MODULAR 150 DIGITAL

Power: 600 W  
Power supply: 24 / 48 VDC o 230 VAC  
Flow rate: 150 Lt/h  
Membranes: n.1 4" x 40"  
Control panel: Digital  
Length: 1235 mm  
Width: 315 mm  
Height: 410 mm  
Weight: 69 Kg

Are you looking for a watermaker with different technical characteristics? [Here](#) you can find the full range of watermakers from SCHENKER or other specialized brands

Pictures and technical data are not binding

## Technical Sheet

Power (W)	600
Length (mm)	1235
Width (mm)	315
Height (mm)	410
Feed Type	24 / 48 VDC o 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
Weight (Kg)	69