



# SCHENKER WATERMAKER SMART 30 DIGITAL

## **Product description:**

SCHENKER SMART 30 DIGITAL WATERMAKER 30 LT/H

Schenker SMART 30 DIGITAL is a quiet, small, lightweight, efficient and convenient marine watermaker. It can be installed in all positions, horizontally and vertically.

The indicated flow rates are nominal and therefore may vary by  $\pm 20\%$  depending on actual operating conditions.

The power consumption of the Schenker SMART 30 DIGITAL is up to 80% lower than conventional systems. For example, only 240 W are needed to produce 60 liters per hour of fresh water. The normal engine recharging is therefore largely sufficient to replenish the energy consumed, without the need for a generator.

Thanks to the 80% lower power consumption and the lack of a generator, the CO<sub>2</sub> emissions required for water production are reduced by more than 85%. Only Schenker allows you to make water and truly respect the environment.

The use of the Schenker SMART 30 DIGITAL marine watermaker 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 carried out remotely via the remote panel.

The Schenker SMART 30 DIGITAL does not use high-pressure pumps. The result is extremely quiet operation and a total absence of vibrations. The parts of the watermaker that come into contact with seawater are mostly carbon fiber or acetal resin. The Schenker watermaker is therefore totally corrosion-free. For life.

In the 2.0 systems, all components potentially subject to wear such as o-rings and traditional 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 up to 15 times higher than steel.





Schenker plants, as an alternative to the high-pressure pumps of traditional plants, use the new patented ENERGY RECOVERY SYSTEM, which amplifies the pressure provided by low-pressure pumps, allowing a very high energy efficiency. The typical power consumption of a Schenker only 4 Watts/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.

The Schenker SMART 30 Digital Marine Watermaker Kit contains:

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

#### TECHNICAL FEATURES SCHENKER SMART 30 DIGITAL

Power: 110 W

Power supply: 12 / 24 VDC

Flow rate: 30 Lt/h

Membranes: n.1 2.5" x 21"

Control panel: Digital

Length: 715 mm

Width: 265 mm

Height: 249 mm

Weight: 25 Kg

If you're looking for a product like the SCHENKER SMART 30 DIGITAL then you can see the entire catalog reserved for nautical water cleaners.

Images and technical data are not binding.

#### Product features:

Power (W): 110

Length (mm): 715





Width (mm): 265  
Height (mm): 249  
Feed Type: 12 / 24 VDC  
Production for hour at 25°C (Lt/h): 30  
Daily production at 25°C (Lt/day): 720  
Membranes: n.1 2.5" x 21"  
Remote panel: Digital  
Weight (Kg): 25

