

## SCHENKER SMART 80 BASIC - WATERMAKER 80LT/H



Reference:

### SCHENKER SMART 80 BASIC WATERMAKER 80 LT/H

SCHENKER SMART 80 BASIC Watermaker monoblock with power consumption of 240W capable of a maximum flow rate of 80ltH equipped with 2 osmotic membrane.

Thanks to the very low power consumption, the Watermaker SCHENKER SMART 80 BASIC can be powered directly from the batteries. It is possible to install the desalinator even in the absence of a generator 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 Schenker allows you to make water and truly respect the environment.

The use of SCHENKER SMART 80 BASIC Watermaker is extremely simple, as no adjustment is required. In fact, all systems are equipped with automatic pressure regulation. No direct access to the desalinator is required. All functions are performed remotely via the remote panel. SCHENKER SMART 80 BASIC do not use high-pressure pumps. The result is an extremely quiet operation and a total absence of vibrations.

The parts of the desalinator that come into contact with seawater are mostly made of carbon fiber or acetal resin. The desalinator SCHENKER SMART 80 BASIC is therefore totally corrosion-free. For life.

In the 2.0 systems, all components potentially subject to wear, 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 up to 15 times higher than steel.

SCHENKER SMART 80 BASIC systems, as an alternative to the high-pressure pumps of conventional systems, 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 desalinator is only 4 Watth/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.

#### Contents of the SCHENKER SMART 80 BASIC kit:

- Desalinator with Energy Recovery System
- Feed pump with sea water filter
- Activated 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

### TECHNICAL CHARACTERISTICS SCHENKER SMART 80 BASIC

Smart 80 BASIC

Power: 380 W  
Power supply: 12 / 24 VDC or 230 VAC  
Flow rate: 80 Lt/h  
Membranes: n.2 2.5" x 40"  
Control panel: Basic  
Length: 1182 mm  
Width: 300 mm  
Height: 292 mm  
Weight: 35 Kg

Looking for a marine watermaker similar to the SCHENKER SMART 60 BASIC but with different features? [CLICK HERE](#) to explore our full range.

### Technical Sheet

Power (W)	380
Maximum temperature +600 °C	
Length (mm)	1182
Width (mm)	300
Height (mm)	292
Feed Type	12 / 24 VDC or 230 VAC
Daily production at 25°C (Lt/day)	
Membranes	n.2 2.5" x 40"
Remote panel	Basic
Weight (Kg)	