

SCHENKER SMART 100 TOUCH - WATERMAKER 100LT/H



Reference:

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SCHENKER SMART 100 TOUCH is a watermaker equipped with a membrane of 4" x 40" thanks to which it can deliver 100 l / h of osmosis water.

Thanks to the very low power consumption SCHENKER SMART 100 TOUCH can be powered directly from batteries. It is possible to install the watermaker even in the absence of a generator set. Thanks to the 80% lower power consumption and the lack of a generator, the CO2 emissions required for water production are reduced by over 85%.

The use of Schenker watermaker is extremely simple, as no adjustment is required. In fact, all systems are equipped with automatic pressure regulation. Therefore, no direct access to the watermaker is necessary. All functions are carried out remotely via the remote panel.

The SCHENKER SMART 100 TOUCH 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 come into contact with seawater are mostly carbon fiber or acetal resin. The SCHENKER SMART is therefore totally corrosion-free.

The sealing and sliding elements of the SCHENKER SMART 100 TOUCH are made of innovative skids manufactured using nano-technology. These materials have an abrasion resistance that is up to 15 times higher than that of steel.

SCHENKER SMART 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. Schenker's typical power consumption 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.

Kit Contents:

- Watermaker with Energy Recovery System
- Feed pump with seawater filter
- Activated carbon filter with solenoid valve
- Mains filter sea intake
- Filter key
- Non-return valve
- Fresh water production pipe (5 meters)
- Electronic control unit
- Remote panel
- Extension cable (10 meters) remote panel
- Installation kit (assortment of screws and fittings)

- Instruction manual

Remote control functions:

- Start/Stop
- Timer
- Automatic flushing
- Intensive flushing
- Periodic flushing
- Automatic start-up
- Hour meter
- Assisted maintenance

TECHNICAL FEATURES SCHENKER SMART 100 TOUCH

Power: 400 W
Power supply: 12 / 24 / 48 VDC o 230 VAC
Flow rate: 100 Lt/h
Membranes: n.1 4" x 40"
Control panel: TOUCH
Length: 1233 mm
Width: 365 mm
Height: 282 mm
Weight: 48 Kg

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

Technical Sheet

| | |
|------------------------------------|----------------------|
| Power (W) | 400 |
| Length (mm) | 1233 |
| Width (mm) | 365 |
| Height (mm) | |
| Feed Type | |
| Production for hour at 25°C (Lt/h) | 100 |
| Daily production at 25°C (Lt/day) | 2400 |
| Membranes | n.1 4" x 40" |
| Remote panel | Digital touch screen |
| Weight (Kg) | 48 |