



SCHENKER MODULAR 100 TOUCH - WATERMAKER 100LT/H

Reference:

SCHENKER MODULAR 100 TOUCH WATERMAKER 100LT/H

SCHENKER MODULAR 100 TOUCH 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.

Compactness and wide range of capacities allow to satisfy all needs. The indicated flow rates are nominal and therefore may vary by $\pm 20\%$ depending on the actual operating conditions.

Electrical consumption is up to 80% lower than traditional systems. For example, to produce 100 liters/hour of fresh water only 400 W are needed. The normal recharge of the engine is therefore largely sufficient to replenish the energy consumed, without the need for a generator.

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

The use of the SCHENKER MODULAR 100 TOUCH 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.

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 TOUCH is only 4 Watt/liter.

SCHENKER MODULAR 100 TOUCH 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 TOUCH

Consumption: 400 W
Power supply: 12 / 24 / 48 VDC o 230 VAC
Capacity: 100 Lt/h - 26 Gal/h
Membranes: n.2 4" x 21"
Remote panel: TOUCH
Length: 770 mm
Width: 378 mm
Height: 410 mm
Weight: 58 Kg

Looking for a marine watermaker similar to the SCHENKER MODULAR 100 TOUCH 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 | Digital touch screen |
| Weight (Kg) | |