



SCHENKER ZEN 30 - NAUTICAL WATERMAKER WITH FLOW RATE 30 LT/H

Product price:

4.662,00 € tax excluded

Product description:

SCHENKER ZEN 30 NAUTICAL DESALINATOR WITH CAPACITY 30 LT/H

Schenker ZEN 30 desalinator is a quiet, small, lightweight, efficient and convenient nautical desalinator. 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 ZEN 30 marine desalinator 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 very low power consumption, the Schenker ZEN 30 watermaker can be powered directly from the batteries. The desalinator can also be installed without a generator set.

Thanks to the 80% lower power consumption and the lack of a generator set, the CO₂ emissions required to produce water are reduced by more than 85%. Only Schenker allows you to make water and truly respect the environment.

The use of the Schenker ZEN 30 marine desalinator 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.

The Schenker ZEN 30 watermaker does not use high-pressure pumps. The result is extremely quiet operation and a total absence of vibrations.

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 desalinator is 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 minimized, thanks to the patented solution that eliminates the need for pilot valves.

SCHENKER ZEN 30 TECHNICAL SPECIFICATIONS

Power: 110 W

Power supply: 12 / 24 VDC

Flow rate: 30 Lt/h

Membranes: n.1 2.5" x 21"

Length: 715.9 mm

Width: 130 mm

Height: 299. 5 mm

Weight: 19 Kg

The Schenker ZEN 30 Nautical Desalinator Kit contains:

- Desalinator with Energy Recovery System
- Feed pump with sea water filter
- Activated carbon filter with solenoid valve
- Mains filter sea intake
- Filter key
- Non return valve
- Fresh water pipe (5 meters)
- Remote panel
- Installation kit (assortment of screws and fittings)
- Instruction manual

Standard features:

- Automatic pressure regulation
- High pressure lockout

Remote control functions:

- Remote start/stop
- Desalter flow
- Timed operation

Discover all our nautical watermakers by clicking [here](#)



Pictures and technical data of SCHENKER ZEN 30 - NAUTICAL WATERSEALER WITH 30 LT/H FLOW RATE are not binding.

Product features:

Power (W): 110

Length (mm): 715.9

Width (mm): 130

Height (mm): 299.5

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

Product type: Watermaker

Weight (Kg): 19