



# SCHENKER ZEN 150 NAUTICAL WATERMAKER WITH FLOW RATE 150 LT/H

**Product price:**

**8.470,00 € tax excluded**

## **Product description:**

SCHENKER ZEN 150 WATERMAKER WITH CAPACITY 150 LT/H

Schenker ZEN 150 is a quiet, small, lightweight, efficient and convenient marine watermaker. It can be installed in all positions, horizontally and vertically.

The watermaker capacities shown are nominal and therefore may vary by  $\pm 20\%$  depending on actual operating conditions.

The power consumption of the Schenker ZEN 150 marine watermaker is up to 80% lower than conventional systems. For example, only 400 W is needed to produce 150 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 150 watermaker can be powered directly from the batteries. The watermaker can also be installed without a generator set.

Thanks to the 80% lower power consumption, the CO<sub>2</sub> emissions required to produce water are minimal. With the Schenker ZEN 150 you can keep fresh water flowing and at the same time be environmentally friendly.

The use of the Schenker ZEN 150 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 therefore necessary. All functions are performed remotely via the remote panel. The Schenker ZEN 150 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. This Schenker ZEN 150 product 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 ZEN watermaker 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 kept to a minimum, thanks to the patented solution that eliminates the need for pilot valves.

The Schenker ZEN 150 kit contains:

- Watermaker equipped with Energy Recovery System
- Feed pump with filter
- Activated carbon filter with solenoid valve
- Mains filter
- Filter wrench
- Non-return valve
- Fresh water hose (5 m)
- Remote panel
- Installation kit (fittings and screws)
- Manual

Technical features of the Schenker ZEN 150:

Power: 600 W

Power supply: 24 / 48 VDC o 230 VAC

Flow rate: 150 Lt/h

Membranes: n.2 4" x 21"

Length: 735 mm

Width: 200 mm

Height: 525 mm

Weight: 60 Kg

**Standard features:**

- Automatic pressure regulation
- High pressure lock
- Minimum voltage lock

If you are looking for a product like the Schenker ZEN 150 then you can browse the whole





catalog reserved for nautical dispensers.

Images and technical data are not binding.

**Product features:**

Power (W): 600

Length (mm): 735

Width (mm): 200

Height (mm): 525

Feed Type: 24 / 48 VDC o 230 VAC

Production for hour at 25°C (Lt/h): 150

Daily production at 25°C (Lt/day): 3600

Membranes: n.2 4" x 21"

Product type: Watermaker

Weight (Kg): 60

