



# SCHENKER ZEN 50 NAUTICAL WATERMAKER WITH FLOW RATE 50 LT/H

**Product price:**

**5.746,00 € tax excluded**

**Product description:**

SCHENKER ZEN 50 NAUTICAL WATERMAKER WITH A CAPACITY OF 50 L/H

The Schenker ZEN 50 is a quiet, compact, lightweight, efficient, and affordable marine watermaker. It can be installed in any position, both horizontally and vertically. The flow rates indicated are nominal and may vary by  $\pm 20\%$  depending on actual operating conditions.

The power consumption of the Schenker ZEN 50 marine watermaker is up to 80% lower compared to traditional systems. For example, to produce 60 liters/hour of fresh water, only 240 W are required. The normal engine recharge is therefore more than sufficient to replenish the energy consumed, without the need for a generator.

Thanks to its extremely low power consumption, the Schenker ZEN 50 marine watermaker can be powered directly from the batteries. Installation is also possible without a generator.

The Schenker ZEN 50 is extremely easy to use, as no manual adjustment is required. All systems are equipped with automatic pressure regulation. Direct access to the watermaker is therefore unnecessary, as all functions are operated remotely via the control panel.

The Schenker ZEN 50 does not use high-pressure pumps. The result is extremely quiet operation and the complete 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 developed using nanotechnology, offering abrasion resistance up to 15 times greater than steel.

Instead of the high-pressure pumps used in traditional systems, Schenker watermakers use the





patented ENERGY RECOVERY SYSTEM ®, which amplifies the pressure supplied by low-pressure pumps, ensuring extremely high energy efficiency. The typical power consumption of a Schenker watermaker is only 4 Watts per liter.

The ERS has been specifically designed for marine applications and is built with materials completely resistant to brackish water. Moving parts are minimized thanks to the patented solution that eliminates the need for pilot valves.

### **TECHNICAL SPECIFICATIONS SCHENKER ZEN 50**

Power: 240 W

Power supply: 12 / 24 VDC

Flow rate: 50 L/h

Membranes: 2 x 2.5" x 21"

Length: 715.9 mm

Width: 133 mm

Height: 390 mm

Weight: 30 kg

#### The Schenker ZEN 50 marine watermaker kit includes:

- Watermaker with Energy Recovery System
- Feed pump with seawater filter
- Activated carbon filter with solenoid valve
- Seawater intake strainer
- Filter wrench
- Non-return valve
- Freshwater production hose (5 meters)
- Remote control panel
- Installation kit (assorted screws and fittings)
- User manual

#### Standard functions:

- Automatic pressure regulation
- High-pressure shutdown

#### Remote control functions:

- Remote start/stop
- Watermaker flushing
- Timed operation

Looking for a marine watermaker similar to the SCHENKER ZEN 50 but with different features?

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**Product features:**

Power (W): 240

Length (mm): 715.9

Width (mm): 130

Height (mm): 390

Feed Type: 12 / 24 VDC

Production for hour at 25°C (Lt/h): 50

Daily production at 25°C (Lt/day): 1200

Membranes: n.2 2.5" x 21"

Remote panel: Digital

Product type: Watermaker

Weight (Kg): 30

