

ZEN

**THE NEW STATE OF THE ART
IN MARINE WATERMAKERS**



ZEN Benefits

Quiet, small, light, efficient, and inexpensive.

Zen, an evocative term for minimalism, meditation, simplicity, purity...

Zen watermakers make minimal use of commercial components. Pipes, valves and fittings are inside the machine. The result is an extraordinary compactness and a unique aesthetics at an affordable cost.

However, under the feathers of Zen pulse a lot of technology. A state-of-the-art energy recovery system makes it possible to achieve extraordinary efficiency, minimum electricity consumption and the ability to power the unit directly from the batteries.

The brand new Zen watermakers are therefore light, silent, reliable, automatic and efficient and can be installed both horizontally and vertically.

They are controlled remotely through a small control panel that allows activation of all the functions, including the final flushing.

The range available are 30, 50 and 100 lit /per hour covering the needs of all boats.
Zen, the new state of the art in marine watermakers.



DIRECT SERVICE BATTERIES POWER SUPPLY

Thanks to this high efficiency, Schenker watermakers can be powered even directly from service batteries, without the need for a generator.



ECO-SUSTAINABILITY

Thanks to the low electric consumption the CO2 emissions necessary for making water are lower than 85%. ZEN watermaker allows to produce water and consider the environment.



AUTOMATIC PRESSURE REGULATION

Working simplicity. Thanks to the automatic pressure regulation there are no valves to regulate or operations to carry out. All at the flick of a switch.



QUIET RUNNING AND VIBRATION FREE

ZEN watermakers don't make use of high pressure pumps. The result is a very quiet running and vibration free.



CORROSION FREE MATERIALS

The parts of the watermaker in contact with sea water are mainly made with carbon fibre or acetylic resin. The watermaker is totally corrosion free then. Lifetime.



NO WEARING COMPONENTS

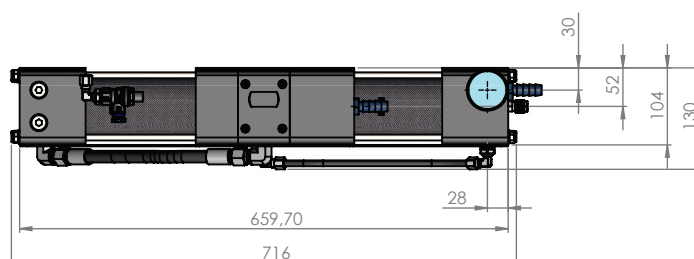
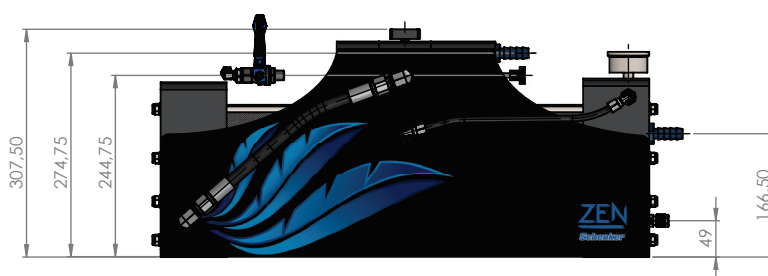
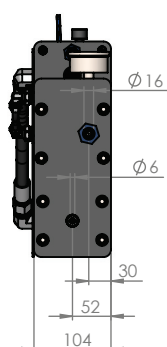
The internal seals of the ZEN systems, are made with special frictions bands produced with nanotechnology. This material exhibits a very low friction coefficient, and an incredible resistance to abrasion, up to 15 times greater than carbon steel!

Model_ZEN 30

- Rated capacity: 30 lit/h - Gal/h 7.9
- Power supply: 12 / 24 VDC
- Consumption: 110 watt
- Weight: 19 Kg
- Membranes: n°1 2,5" x 21"



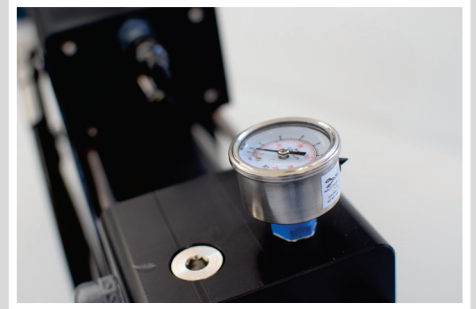
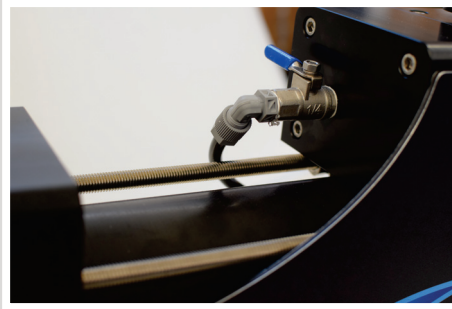
Drawings



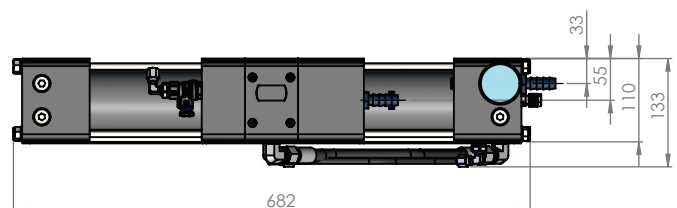
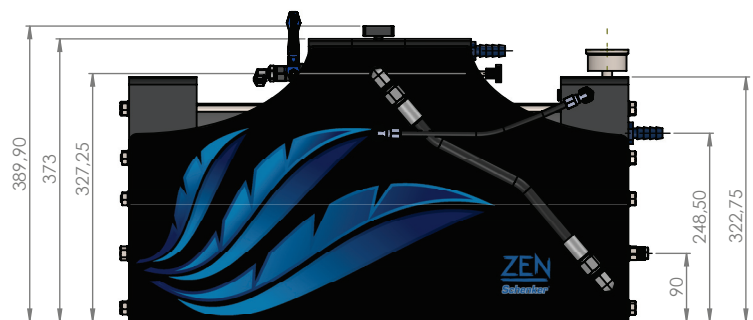
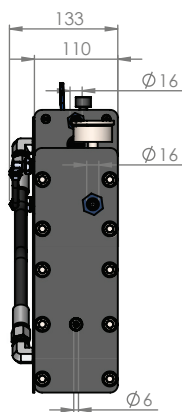
ZEN⁵⁰

Model _ZEN 50

- Rated capacity: 50 lit/h - Gal/h 13.2
- Power supply: 12 / 24 VDC
- Consumption: 240 watt
- Weight: 22 Kg
- Membranes: n°2 2,5" x 21"



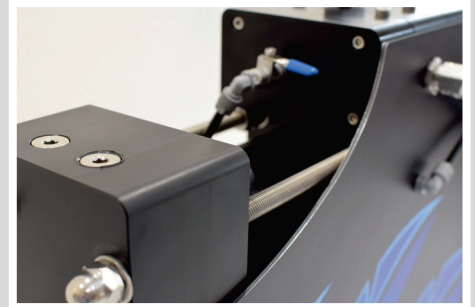
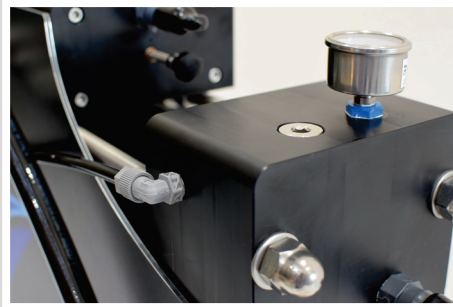
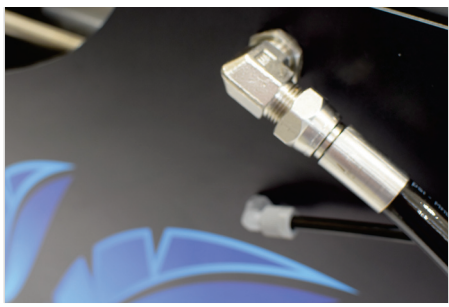
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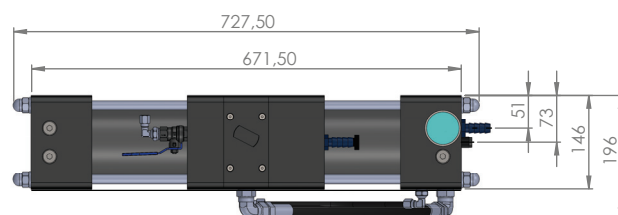
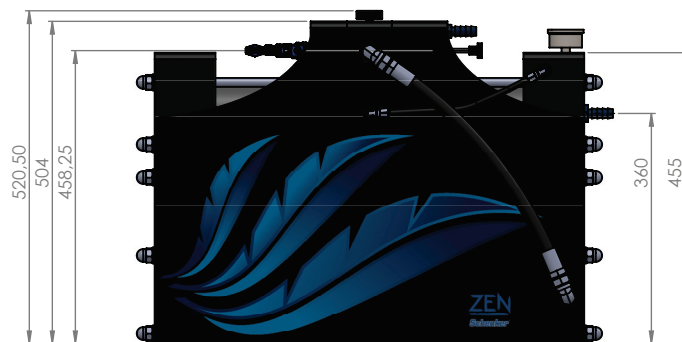
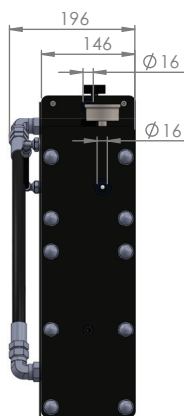


Model _ZEN 100

- Rated capacity: 100 lit/h - Gal/h 26.4
- Power supply: 12 / 24 VDC or AC
- Consumption: 400 watt
- Weight: 54 Kg
- Membranes: n°2 4" x 21"

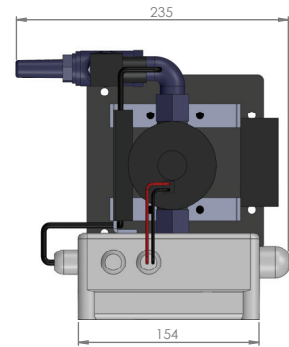
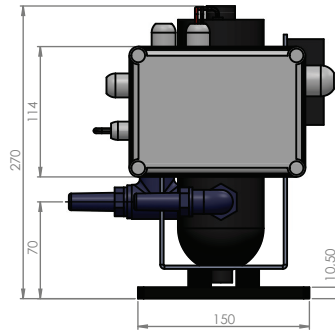
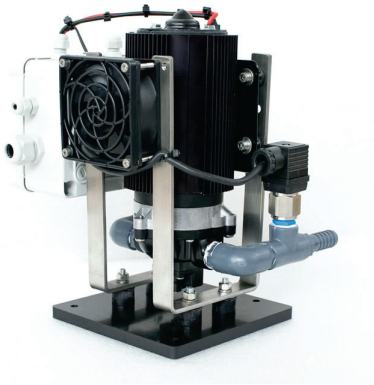


Drawings

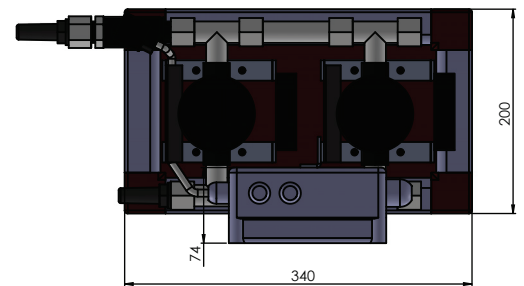
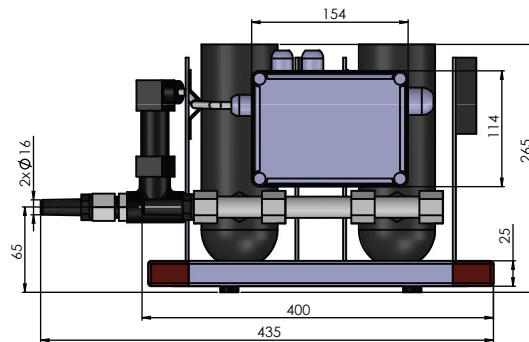
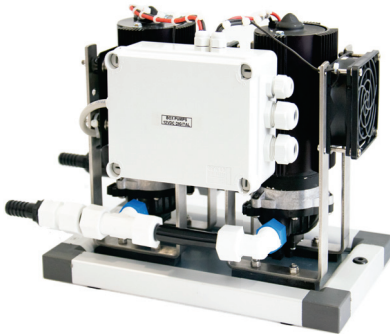


Feed pumps

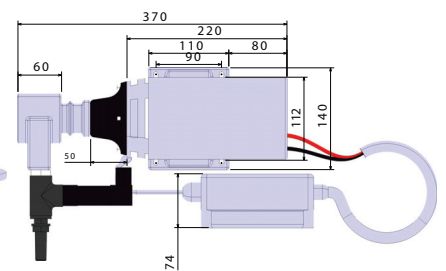
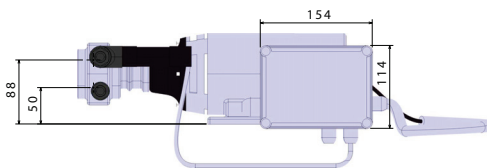
ZEN 30



ZEN 50



ZEN 100



Features and kit composition

KIT COMPOSITION

- Watermaker with Energy Recovery System
- Feed pump
- 5 micron filter
- Active carbon filter with solenoid valve
- Sea water strainer
- Filter housing wrench
- Check valve
- Production hose (5 mt)
- Remote contro panel
- Installation hardware
- Instruction manual

ZEN REMOTE PANEL



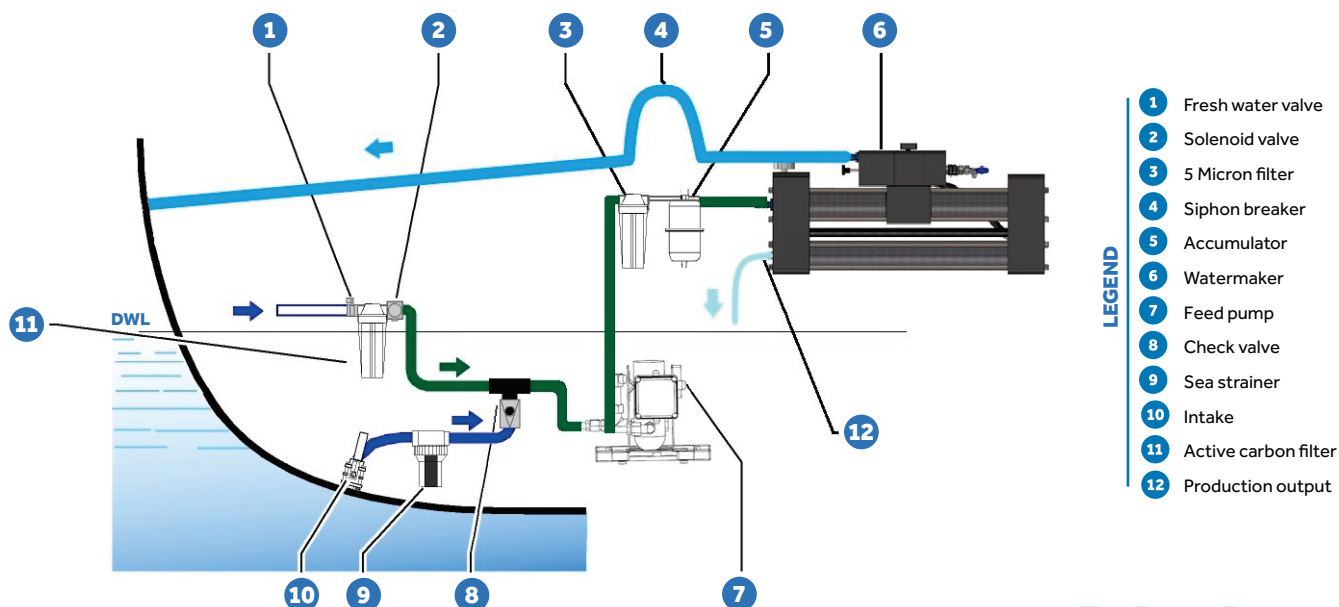
Remote control features:

- Start/stop
- Back flush
- Timer

Remote control dimension

- 100 x 66 mm

Hydraulic connections





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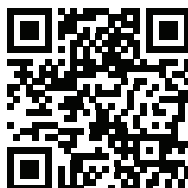
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