



# ZONS<sup>®</sup> eco

PURE WATER. PURE BENEFITS. PURE FORMS.

## CARING FOR TOMORROW TODAY.

Small wastewater treatment systems have to meet continuously increasing demands. In recent years, a small-scale facility has become more than just an interim solution. Today, it's a viable alternative to the public sewage system. Place your trust in over 30 years of know-how in manufacture, sales and maintenance of purely biological small wastewater treatment systems. Your investment will pay off: the ZONS<sup>®</sup> eco is the perfect combination of outstanding efficiency and exceptionally easy maintenance.

## PERFORMANCE FOR PURITY.

We have not only perfectly fulfilled regulatory requirements – we've far surpassed them: the ZONS<sup>®</sup> eco features denitrification technology as standard equipment. The extremely versatile system can be installed in a wide variety of tanks. Take advantage of the ZONS<sup>®</sup> eco, and benefit from one of the most advanced small wastewater treatment systems on the market. For water purity. Today and tomorrow.

## WHAT IS AN SBR SYSTEM?

SBR stands for "sequential batch reactor". In contrast to the flow-through principle, the system's activation chamber is fed pre-clarified wastewater at intervals. The result is a purification process in four separate phases. The ZONS<sup>®</sup> eco is a purely biological treatment system. Following pre-clarification in the settling tanks, the remaining crude water is transferred to the activation tank. Here, aerobic microorganisms (activated sludge) consume impurities, converting them into biomass. Alternating circulation and aeration create an environment that eliminates both carbon and nitrogen.



PURELY BIOLOGICAL SMALL  
SBR WASTEWATER TREATMENT  
SYSTEMS FOR NEW INSTALLA-  
TION AND RETROFITTING

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YOUR BENEFITS AT A GLANCE.

## COMPACT CONSTRUCTION

- Weight 17 KG
- Dimensions: W 39 cm, H 97 cm, L 25 cm

## ROBUST

- Housing made of plastic
- Stainless steel pumps with plastic covered housings

## LOW MAINTENANCE

- The system is easy to remove
- Suspended pumps
- No equipment installed under water

## PLASTIC VALVES UNDER DIRECT CONTROL

- Rust-free with cast connection coil (IP68)

## EASY INSTALLATION OF THE MACHINE TECHNOLOGY

## COST SAVING

- The operating times of the pumps can be reduced by optimizing the ventilation system
- Automatic vacation mode for energy-efficiency (e.g holidays)
- This results in less current consumption
- Only semi-annual maintenance required thanks to power interruption detector

## LONG-LASTING

- Low level of pump wear
- Warranty 2 years + 1 year on all electrical and machine parts following registration

## FUNCTIONAL AND PRACTICAL

- Simplified operational management of the controller
- Suitable for any functionally sound tank
- Plugs into electrical socket, no risk of faulty wiring
- Trouble-free aeration system
- Dentrification included, even in the standard version

## EXCELLENT DISCHARGE VALUES

- Discharge values significantly lower than the regulatory requirements

## MULTIFUNCTIONAL

- Special solutions for restaurants and dairy product processing facilities



Field merchant stamp

More information at [www.zonseco.com](http://www.zonseco.com)



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