

25 YEARS  
ATB



## AQUAMAX® BASIC/CLASSIC

ATB Wastewater treatment plants  
New installations | retrofitting 1–75 PE

# Overview of the AQUAMAX® series

AQUAMAX®	BASIC 1-16	CLASSIC Z 1-16	CLASSIC Z 17-50	CLASSIC ZB 1-75
Connected load	1-16 PE	1-16 PE	17-50 PE	1-75 PE
Pressure-ventilated				✓
Partition wall installation	✓			
Chain installation		✓	✓	✓
Concrete tank	✓	✓	✓	✓
Plastic tank	✓	✓		
Plastic frame	✓	✓		
Stainless steel frame			✓	✓
Extensible through modular system	✓	✓	✓	✓
4-language control ATBcontrol® 3	✓	✓	✓	✓

## Up to 99% cleaning performance in just 8 hours

In multi-chamber tanks or multi-tank systems, whether new build or retrofit, up to 50 PE in accordance with EN 12566:

The AQUAMAX® is the ideal small wastewater treatment plant for every application – effective, innovative and future-proof.

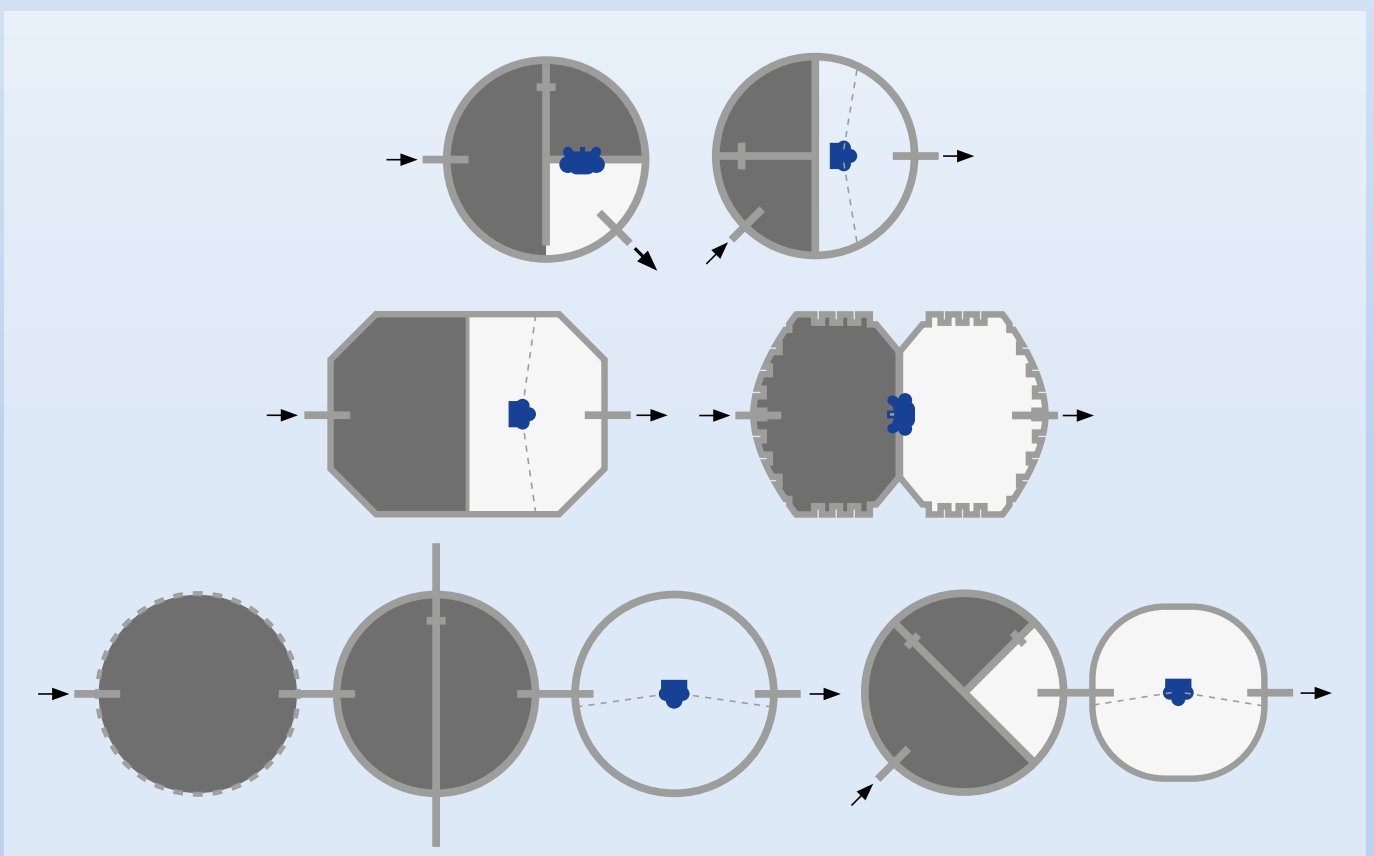
AQUAMAX® systems have proven itself thousands of times over the past few years and have convinced with their reliability and flexibility.





## New construction and retrofitting made easy! – Application examples

Simple installation. A fully biological small wastewater treatment plant with the AQUAMAX® system in no time at all.



### New installations

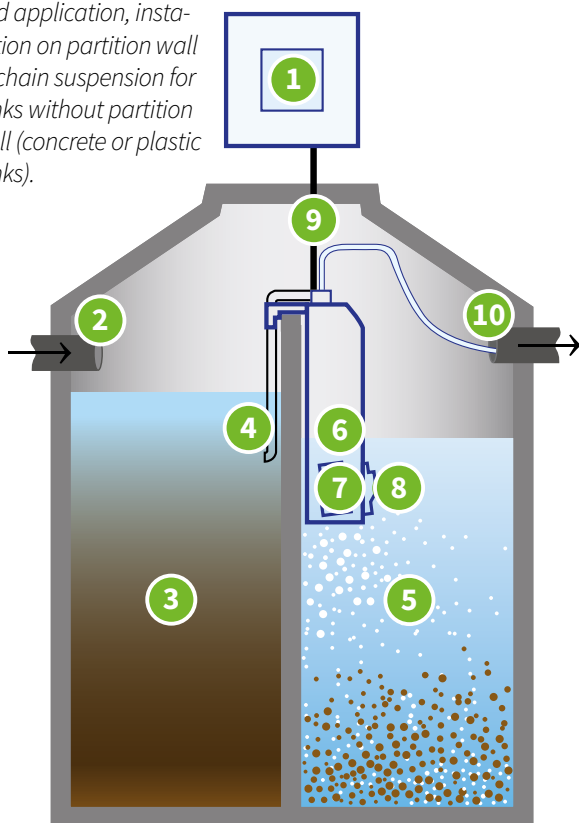
The technology can be used as a complete system with stable, durable concrete or as a particularly light-weight system with high-quality plastic tanks.

### Retrofitting

The technology is suitable for retrofitting in an old multi-chamber tank as well as in plastic tanks.

# How our AQUAMAX<sup>®</sup> systems work

Schematic diagram; depending on the plant and application, installation on partition wall or chain suspension for tanks without partition wall (concrete or plastic tanks).



## 1 Automatic control

## 2 Inflow

Untreated wastewater flows into the plant.

## 3 Pre-treatment

Here the wastewater is mechanically pre-treated and particles settle down.

## 4 Feeding unit

## 5 SBR treatment chamber

Here the biological treatment process takes place using activated sludge.

## 6 Support frame

## 7 Submersible pump

## 8 Submersible aerator

## 9 Control connection cable

## 10 Outlet

Purified wastewater flows out of the system.

## Modular system PLUS<sup>+</sup>

Thanks to the optional additional equipment, the system can be adapted to new legal requirements at any time and without expensive new investment and is therefore always up to date:



UV-hygienization



Safe phosphate removal



IOT monitoring

# Our AQUAMAX®-Technology

## Excellent effluent values – clearly below the requirements!



**AQUAMAX® BASIC**  
1-16



**AQUAMAX® CLASSIC Z**  
1-16

**AQUAMAX® CLASSIC ZB**  
1-16

WITH  
PRESSURE  
AERATION!



**AQUAMAX® CLASSIC Z**  
17-50

**AQUAMAX® CLASSIC ZB**  
1-75

WITH  
PRESSURE  
AERATION!

### AQUAMAX® – Best selling SBR-plant up to 75 PE!

♣ **Future-proof**

Always up to date thanks to the AQUAMAX® modular system.

♣ **Low maintenance/spare parts costs**

Easy to maintain and build with high quality components.

♣ **Excellent drain values**

Falls below the required discharge values clearly!

♣ **Certified**

General building authority approval and TÜV-tested safety.

More than  
**115.000**  
plants in  
operation  
worldwide!



**ATB WATER GmbH**

Südstraße 2  
D-32457 Porta Westfalica  
Phone: +49 5731 30230-0  
Fax: +49 5731 30230-30  
E-mail: [info@atbwater.com](mailto:info@atbwater.com)  
Website: [www.atbwater.com](http://www.atbwater.com)

