

The unique AQUAmax® building block system: Individual expansion instead of expensive new investment.

AQUAmax® BLUE UV disinfection

The AQUAmax® BLUE UV disinfection functions in accordance with the example of natural sunlight and deactivates pathogenic micro-organisms in seconds – completely without health or environment hazardous chemical substances such as chlorine, chlorine dioxide or hypochlorite or expensive membrane technology. Even bacteria resistant to chlorine are killed off reliably and securely using the AQUAmax® BLUE.

The result: process water in bathing water quality with small investment, low operating costs and minimum maintenance expenditure.

Using the AQUAmax® building block system you have the future firmly under control. Expand your plant simply in accordance with your individual requirements or the latest legal regulations – finished!

UVS® (Undervoltage signalling) Voltage failure detection system

With this, older AQUAmax® plants are capable of being retrofitted – with the newest AQUAmax® generation it has been standard for some considerable time: the voltage failure detection system UVS®.

N The PLUS-Paket: nitrogen removal

Using the PLUS Paket the AQUAmax® fulfils the criteria for the degradation of nitrogen ($N_{tot} < 25 \text{ mg/l}$) and meets the highest demands.

P Secure phosphate removal

With this, phosphates which result in wastewater from faeces and cleaning materials are removed with safety.

Remote plan surveillance

Using the remote surveillance function, regardless of where you are at any time, you are kept informed of variations, malfunctions and problems with your plant per SMS.

Always at the latest state of the art: Updates

Per software or per hardware update each AQUAmax® can always be readjusted to individual requirements or to new legal regulations.

Prize winning...

1999 of the German Federal State of Mecklenburg-Vorpommern, Environmental Prize Austria 2001, Founder Champions 2002, OWL Innovation Prize 2003, "Potential Innovation 2004" of the Financial Times Germany, Finalist Entrepreneur of the Year 2004, 2005 and 2006, Finalist "Grand Prize of Small and Medium-sized Businesses" 2005, 2007, Innovation Quality Mark "TOP 100" 2006

AQUAmax®
Waste Water Treatment Systems
Effective. Innovative. Sustainable.



AQUAmax®
SBR WASTEWATER TREATMENT PLANT SYSTEMS

AQUAmax® wastewater treatment systems. A brandmark of ATB Umwelttechnologie GmbH.

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Your AQUAmax® specialist partner:



THE ORIGINAL
More than 45.000 AQUAmax®
wastewater treatment plants
installed worldwide!

The fully biological wastewater treatment plant system, recipient of many awards, for 1 to 400 inhabitants respectively 0,15 to 60 m³/day:

AQUAmax® BASIC & CLASSIC externally for houses for up to 50 PE / 7,5 m³/day. For new construction and retrofitting.

AQUAmax® PROFESSIONAL for the catering trade, hotels and commercial objects as well as residential areas and small villages – for up to 400 PE / 60 m³/day.

AQUAmax® BLUE UV disinfection makes reusable process water from our complete wastewater.

We would be happy to send detailed information on request.

**Extremely reliable and proven thousands of times:
AQUAmax® – the effective, innovative and future-assured SBR wastewater treatment plant system for 1 to 400 PE!**



AQUAmax® BASIC und AQUAmax® CLASSIC
externally for houses
of 1 to 50 PE / 0,15 to 7,5 m³/day

Completely regardless of what type of pit you have, whether for new construction or retrofit: the AQUAmax® is the optimum solution for every area of application. In three cycles daily, each of eight hours duration, the AQUAmax® treats the inflowing wastewater far better than most commercially available plants and with this achieves a treatment performance of up to 99 %. The best thing about it:

through the update and building block system the plant can, at all times, be matched to new legal requirements without expensive new investment.

AQUAmax® PROFESSIONAL G
for smaller catering, hotel and commercial operations for 4 to 50 PE / 0,6 to 7,5 m³/day

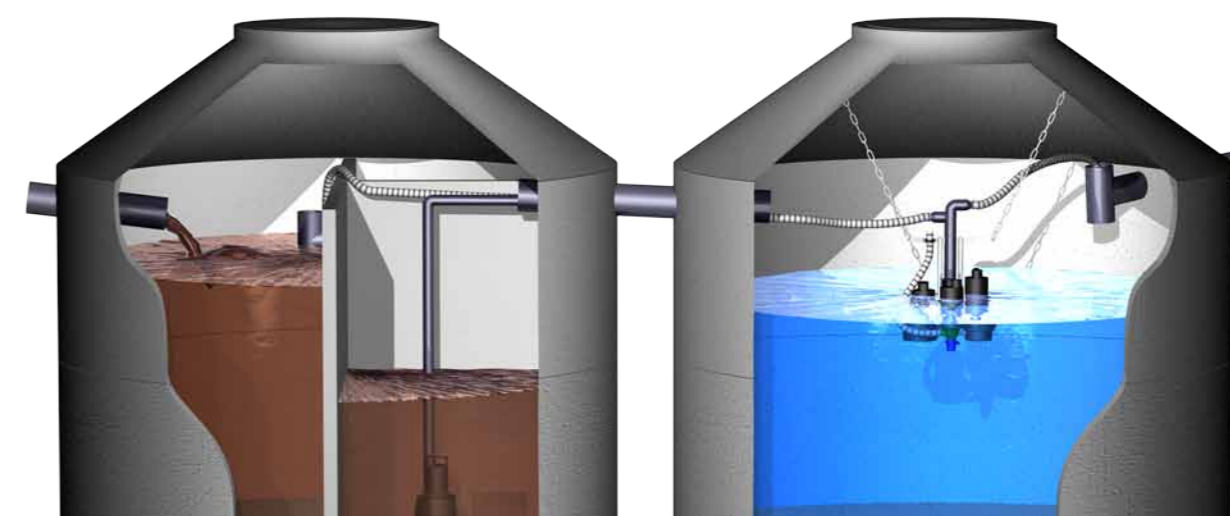
The AQUAmax® PROFESSIONAL G models have been specially designed for the highly loaded water from hotels, catering facilities and food processing operations on a small scale. With the exception of one pump, which is located in the primary settling stage, the complete technical part of the AQUAmax® PROFESSIONAL is installed on a long-life frame specially developed for this plant. Expensive adjustment as well as installation and maintenance tasks under water thus belong to the past; even the

retrofitting of old facilities is possible without excavation. And: through the update and building block system the plant can be matched, at all times and without expensive new investment, to new legal requirements.

AQUAmax® PROFESSIONAL XL
for residential areas, smaller villages as well as hotel and commercial operations up to 400 PE / 60 m³/day

The AQUAmax® PROFESSIONAL XL has been conceived especially for small residential areas and villages as well as for catering, hotel and commercial operations on a larger scale – both for direct as well as indirect dischargers. Through individual, modular structured AQUAPRO® surface aerators which, with different plant sizes, are employed in various numbers – together with an individually matched pump technology, both the nitrification as well as the denitrification are optimised and a com-

plete thorough mixing in the tank is guaranteed.



- Application examples
- The 4-phase treatment principle

