



**Clean water  
from professionals.**





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- WAL weiß wie reines Wasser geht -

# OUR COMPANY.

We offer you expert solutions for your water treatment needs, tailored to your individual requirements – for commercial and industrial applications.

**F**or more than 30 years now, we have stood for quality and expertise in the field of water treatment. Our motto: Clean water from professionals for professionals. This means you always get clean results – guaranteed. Our services include the development, planning, manufacture, distribution, maintenance and servicing of high-quality drinking and industrial water treatment systems for commercial and industrial users.

## YOU CAN RELY ON OUR EXPERTISE IN:

- Boiler feed water treatment plants
- Reverse osmosis systems
- Filter systems
- Water softening systems
- Decarbonisation systems
- Deferrization systems
- Safety and monitoring technology
- Dosing technology
- Pressure boosting systems
- Control technology
- Microprocessor controls
- Special systems for OEM

AQUARENT® U



on  
/ /  
off



Ack

# WATER TREATMENT.

Not all water is the same. Water hardness and salt content play an important role.

For most people, clean drinking water is something that is simply taken for granted. It is only when, for example, a burst pipe causes the tap to be turned off that we realise that clean drinking water is essential, particularly in industry, the hotel sector and the catering trade. Although drinking water is, as its name suggests, a foodstuff, this does not mean that the high quality of this water is sufficient for use in technical equipment. And not all drink-

ing water is the same: in Germany alone, the degree of hardness, which is a measure of the 'lime' dissolved in the water, can range from a few degrees of German hardness (hardness range I) to more than 40 degrees of German hardness (hardness range III), and the amount of salts and minerals dissolved in the water can range from a few milligrams per litre to several grams per litre.

UOx1000

13:47:55  
30.08.12



**Füllstand**

99 %

Letzte Produktionsdaten

29.08.12 20:59

Leitfähigkeit

8,4  $\mu$ S/cm

Ausbeute

82 %

Pumpendruck

9,3 bar

Leistung

1005 l/h

**Status: Bereitschaft**  
**1.0 Übersicht**

**ESC**



**WAL**

**MVR**

# WHAT DO I NEED?

Softening, desalination or even a concept solution? We will find the right solution for your needs!

**W**hat water quality is required when and for which device? In order to make this question answerable even for non-water specialists, standards have been defined in close cooperation with renowned partners from many fields, which specify the appropriate water treatment technology for a wide range of applications. Examples of areas of application are:

- Carwash/washing system technology
- Cooling water treatment
- Cooling lubricant preparation
- Rinsing technology in catering and communal catering
- Supplement in evaporator technology
- Technical building equipment
- Deionised water for a wide range of technical processes



# GASTRONOMY.

We value quality – your guests will appreciate that.

**A**s a long-standing member of the Working Group on Commercial Dishwashing, we have extensive expertise in the field of commercial dishwashing technology. The AK GGS was founded in October 2013 and is composed of leading representatives from various branches of industry.  
<http://www.akggs.de/>

**O**ur products ensure that you always have clean, pure and clear drinking water. Systems have been developed and adapted specifically for the catering and hotel industries to meet requirements such as space availability in kitchens. By the way: we always comply with norms and standards to guarantee you a fully functional, high-quality and safe system.



# INDUSTRY.

**Focus on your business, we'll take care of your water.**

**T**echnical applications in many industries often require specialised starting products. This frequently means that special requirements are placed on the water used. In many processes, water quality influences the quality of the end product or has a significant impact on the process result. With the expertise of our technicians and engineers, individual solutions for water treatment can be designed,

planned, built, installed and operated in almost all technical processes. In most cases, units from our extensive product portfolio are combined to form individual systems in order to achieve optimum results.



# HOSPITALS.

Quality assurance begins with water.

**C**ompliance with quality standards is essential for the operation of clinics and care facilities. The demands on staff and equipment are constantly increasing. Many technical devices used in clinics require water. Many of these devices depend on treated water of consistently good quality in order to deliver a flawless end result. Our components and systems are used, among other things, for the treatment

of drinking water for sterilisers, washing machines, dishwashers and equipment, as well as ventilation and air conditioning systems. Many institutions already rely on components from our company and on the expertise of our service staff in the office and in the field.

BAUHOF  
GEMEINDE ENINGEN  
UNTER ACHALM



# SERVICE.

Preserving value requires good care.

Technical products require maintenance. In addition to the work carried out by the operator, complex technical devices and systems must be regularly inspected and checked by qualified specialists to ensure long product life cycles. Our service staff in the office and in the field use their wealth of experience to ensure the safe and value-preserving operation of our customers' water treatment systems. It

does not matter whether the component or system comes from W.A.L. or from one of our competitors. The staff in our service department are able to carry out maintenance and repair work on components and systems from all common manufacturers.



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