



www.aquacare.de 

Systems for Aqua Culture,
Aquaristik, Labs, and
for Water Treatment

AquaCare GmbH & Co. KG

Am Wiesenbusch 11

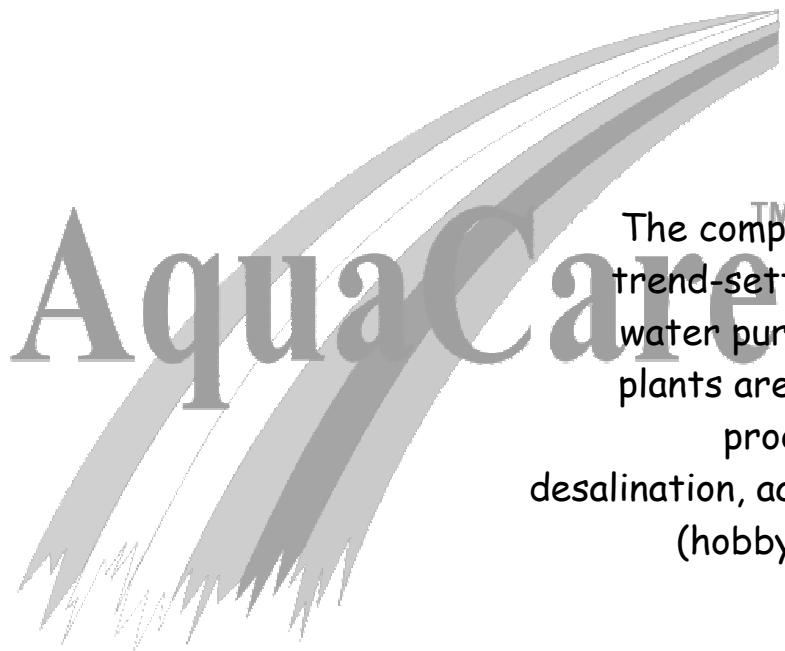
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AquaCare® GmbH & Co.KG is situated in Gladbeck, a small city in the heart of the Ruhrgebiet. The company was established in the year 1995 by the biologists Beate R. Sellner and Burkhard Ramsch.



The company is involved in innovative and trend-setting technologies in the field of water purification. The planned and build plants are distributed for drinking water production, brackish and sea water desalination, aqua culture systems, aquaristics (hobby and show size aquaria) and for laboratories.

Water Treatment via Membrane Technique

In the scope of **drinking water production**

AquaCare® builds reverse osmosis units (R.O.) that produces pure water starting with 90 litres per day.

High pressure units for **industrial purposes** are

produced up to some 100 m³/h. In the field of **desalination** AquaCare® offers R.O. trains with a capacity of 7 to 1500 tons per day. Of course the complete after sales service is available. Especially in the area of the Arabian states the maintaining is made by the subsidiary company "AquaCare-Egypt".

For pre-filtration of a reverse osmosis unit or for filtering flushing water of sand filters AquaCare constructs micro and ultra-filtration units in nearly every size.

In the scope of **pure water** AquaCare constructs units that are designed depending on feed water quality, wished water flow and desired water quality from some litres per day to about 40 m³/h. Used techniques are reverse osmosis, ultra and micro filtration, adsorption, high efficient ion exchange, UV radiation and disinfecting.

Filter technique for Aquariums and Aqua Culture

The activities of AquaCare® in the field of **aqua culture** and **aquaristics** implies consulting, planning and constructing of biological and physical water treatment plants for breeding and keeping of aquatic organisms in fresh and sea water.

Supervision of the installed units or **scientific inquests** of biological or physical systems is another field of AquaCare® activity.



The used components for big units are build on the customers demands - for small units different sizes of standard units are available. AquaCare® produces floatation units (skimmers) with the suspended flow technology. These units stand the test against many other systems and are

characterized by an excellent gas enrichment and a fantastic floatation efficiency.

For fresh water uses AquaCare® builds dissolved floatation units for effective elimination of particles and organic substances.



A Step into future with Scientific Research



Scientific assistance and consultation complete the conception of AquaCare®. Most of the projects deal with the approach behavior and the long term stability of the installed plants. Other subjects are possibilities for saving energy and resources. Contract researches are available, too.

Together with research facilities in universities and industry AquaCare® works in the fields algae production, filtration techniques, breeding methods for plankton, corals and coral fishes, aqua culture systems and monitoring systems. The results are assimilated in new products.



Some of our customers:

Afrykarium (largest aquarium in Europe), Wroclaw, PL
Alcatel-Lucent Deutschland AG (server farm), DE
Alfred-Wegener-Institut für Polar- und Meeresforschung (research centre), DE
Allwetterzoo Münster (large aquarium), DE
BfR Bundesinstitut für Risikobewertung (government), DE
British American Tobacco Germany, DE
Budapest Zoo, HU
Chateau Duvivier (hotel), FR
DB Deutsche Bahn AG (German railway), DE
DLR Deutsches Zentrum für Luft- und Raumfahrt (German aerospace centre), DE
Domschatzkammer des Kölner Doms (treasure chamber, Cologne cathedral), DE
e-plus (server farm), DE
Glockenbrot Bäckerei (industrial bakery), DE
GKM Großkraftwerk Mannheim (2 GW power station), DE
Green Pyramid, Susto Zoo, HU
Grohe Deutschland Vertriebs GmbH (fittings production), DE
Hetzner Online AG (server farm), DE
Imax Sony Centre, DE
Level 3 Communications GmbH (server farm), DE
MAN SE (car industry), DE
MVZ Medizinisches Versorgungszentrum Münster (medical centre), DE
Parc Merveilleux (large aquarium), Luxemburg, LU
Polizeischießstand Hamburg (police shooting range), DE
REWE Markt GmbH (discounter), DE
SMA Solar Technologie AG, DE
Stadtbackerei Gatenbröcker (industrial bakery), DE
Sternwarte Feuerstein (observatory), Ebermannstadt, DE
Stulz GmbH Klimatechnik (climate technique), DE
Tierpark Dählhözli (large aquarium), CH
Tropicarium (large aquarium), Budapest, HU
Tropikarium (large aquarium), Helsingborg, SE
Turkua Zoo, Istanbul, TR
Vaillant Deutschland GmbH & Co. KG (fitting production), DE
Warsaw Zoo, PL
Wilo SE (sanitary technique), DE
ZMT Leibniz-Zentrum für Marine Tropenökologie (research centre), DE
Zoo Duisburg, DE