



Water optimization

for dishwashers





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The first impression counts

Brilliant crockery, gleaming glasses and sparkling cutlery are part of the calling card of every hospitality business. As an absolute must, they are fundamental to good service and make a decisive contribution to guests' sense of well-being. This is why the cleanliness and hygiene of crockery, glasses and cutlery are the top priority in hospitality. In fact, perfect dishwashing results are a basic pre-requisite for success in the hospitality trade.

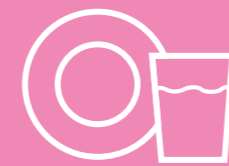
In addition to the dishwasher and detergent used when washing dishes, the water used plays a decisive role. Depending on the properties and condition of the water, it can leave limescale stains and smears on the washed items, which presents a negative overall image to guests.

Customized water optimization

for the best dishwashing results

Thanks to their multi-level filtration, BWT bestclear filter systems offer a high degree of certainty when removing limescale and other drying constituents from the raw water. With BWT bestclear and BWT bestclear EXTRA it will be impossible for these substances to adhere to the dishwasher during the washing process or as stains and smears on the items being washed anymore.

BWT bestclear filter systems mean machine protection and perfect dishwashing results par excellence as well as maximum efficiency. The product range is rounded off by the BWT bestaqua ROC system – a unique compact reverse osmosis technology. Equipped with the membrane module BWT bestaqua Membrane, these systems are highly efficient and produce pure water for dishwasher technology.



No dried-on stains or smears



Brilliant crockery, glass and cutlery, shining without any laborious polishing



Minimizes the use of detergent



Forms appealing bubbles in sparkling wine and beer glasses



The ultimate in restaurants

Today's guest has high demands. They place great weight on quality, service and perfection, including details such as how the table is set. BWT water+more has the right water optimization for restaurateurs who take these demands seriously for perfect dishwashing results, brilliantly shining glasses, sparkling cutlery and appetisingly clean white goods. An ambience guests will appreciate.

Immaculate crockery, brilliant glasses and sparkling cutlery

Users in the restaurant trade are relying more and more on the use of efficient, environmentally friendly and reusable techniques to optimize water for the different applications in the trade. BWT water+more has taken up these market needs and implemented them in a new holistic solution concept called BWT bestaqua ROC. BWT bestaqua ROC is based on the platform of the

BWT Group's soft water and reverse osmosis equipment, which has proven itself in practice 100,000 times. This equipment has been re-engineered especially for the requirements of the restaurant trade and supplemented with intelligent accessories to create a system offering extensive customer benefits for every single restaurant application.

System range

- » for every type of commercial dishwasher

Optimized water in continuous operations

- » for excellent dishwashing results

Protects against stains on crockery, glass and cutlery

- » removes smear-producing elements from the water

Less work

- » no manual reworking or polishing

Saves detergent

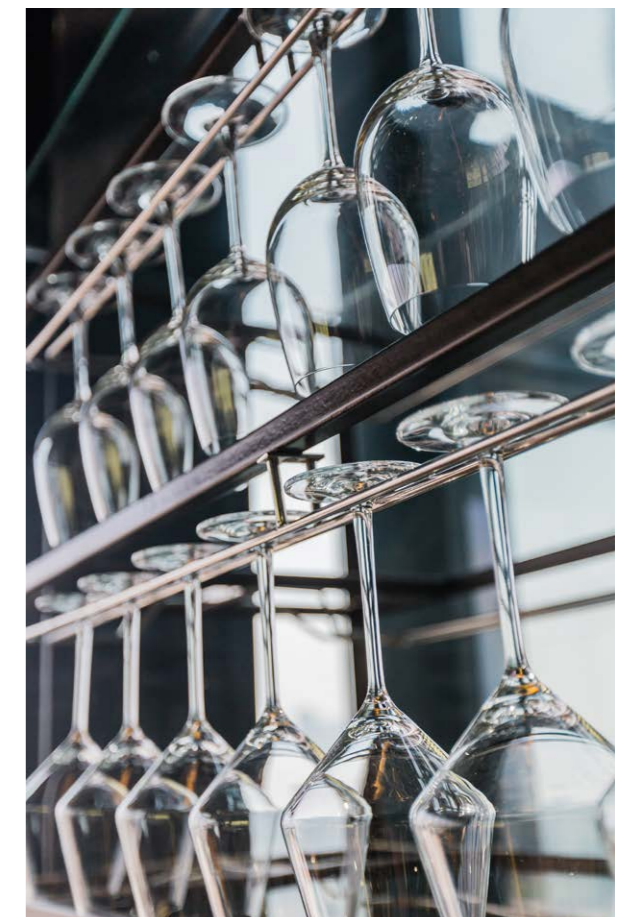
- » better water quality increases the cleaning performance of the chemicals even at the lowest dosages

Protects the dishwasher

- » no limescale deposits in the machine
- » no formation of lime soap
- » no pitting on the heating rods

Longer maintenance intervals and improved lifetime

- » minimal operating costs
- » low maintenance and wear systems with simultaneously higher yield



Just a few steps to the right

water optimization

The most efficient water optimization can be chosen from the entire BWT water+more product range for every local water quality level, every quantity of water needed, every water demand and every space.

EASY AND OPTIMAL.



Determine the local water quality

- » Easy with the drip test
- » Measures total hardness
- » Measures temporary hardness

BWT besthead flex filter head – for all BWT water+more filter cartridges

- » Safely stopped bypass setting with easy-view displays
- » Refined new connection technology for great flexibility when installing filters
- » EASY Vent flushing valve for easy and reliable purging
- » DVGW-tested check valve on the inlet and outlet
- » Safe filter changes with no water leakage



Easy solution at your fingertips

BWT Best Water Professional App

With the app for smartphones or tablets, choosing the right filter system for the relevant application is child's play.

The smart product advisor

All water has its own mineral composition, depending on where it comes out of the tap. Sometimes it's too hard or too soft and often contains unwanted chlorine compounds or off-flavours.

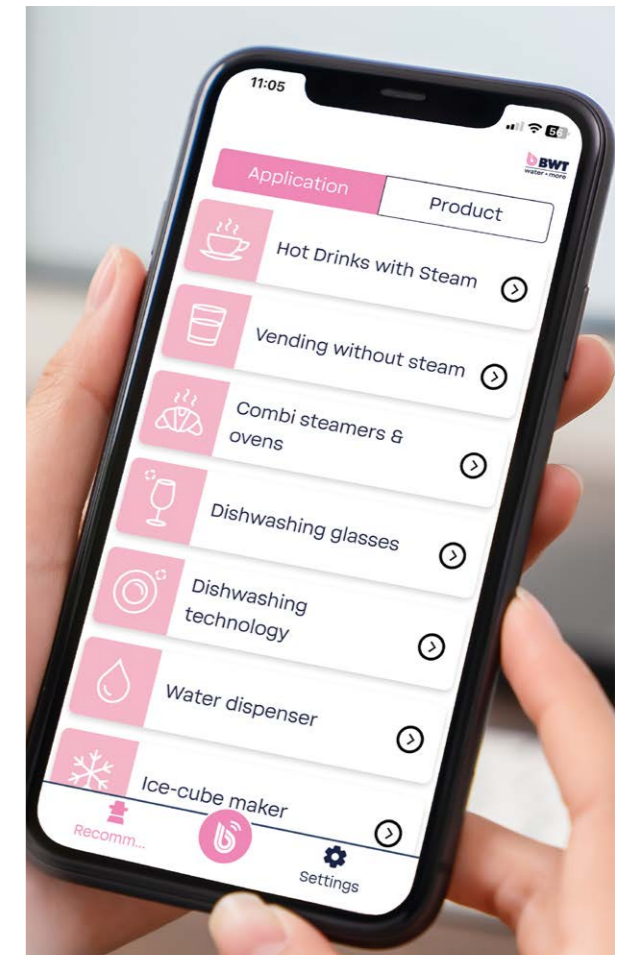
The good news: With the BWT Best Water Professional App for your smartphone or tablet, you'll be able to find the right product quickly and easily.

Users won't need to worry about the water at the point of use anymore because the systems from BWT water+more will perfectly optimize all raw water for every application. At the same time, they protect the machine from deposits and corrosion.

With the BWT Best Water Professional App, you'll be able to keep an eye on which of our BWT water+more products is the right one, anywhere, any time.

One app for the right requirement – meaning the local water quality, the water quantity needed and the specific customer application – as easy, quick, secure and convenient as possible:

- » Enter the local water hardness, application and consumption and you'll be shown the right filters at the ideal size and replacement date.
- » Practical notes and information about water optimization supplement the range.
- » Direct contact with your BWT water+more contact persons.



Scan here for the
BWT Best Water Professional App

BWT bestaqua ROC System

A winning finish

Guests have high demands. Restaurateurs can only fully meet these demands in a perfect ambience. And however terse it may sound, guest satisfaction has much more to do with the perfection of the "basics", such as dishwashing. BWT bestaqua ROC System is one of the best appliances for water optimization to make everything on the table look perfect.

Its pure water prevents the formation of stains and smears. For constantly immaculate crockery, brilliant glasses and sparkling cutlery, as well as the satisfied and shining eyes of the guests. And besides, it also saves on detergent and in polishing glasses and cutlery.

Functional elements



PUMP FOR CONSTANT PRESSURE

- » Consistently high efficiency regardless of the main pressure
- » Long membrane service life

FINE SENSOR TECHNOLOGY

- » Flow rate and pressure
- » Conductivity measurement in outlet water (permeate)
- » Temperature
- » All relevant operating parameters monitored

SILICONE PADS AND FOLDING HINGE

- » Solid base stand
- » Simple membrane module replacement

HIGH-QUALITY HOUSING IN ALUMINIUM

- » Hygienic surface
- » Easy to clean
- » Sound-insulated

MEMBRANE MODULE BWT BESTAQUA MEMBRANE

- » Ultra-efficient
- » Continuously high permeate yield of approx. 50 %
- » Simple membrane replacement – no tools required

SETTING AND CONTROL

- » Control of all the relevant operating parameters
- » Bluetooth interface

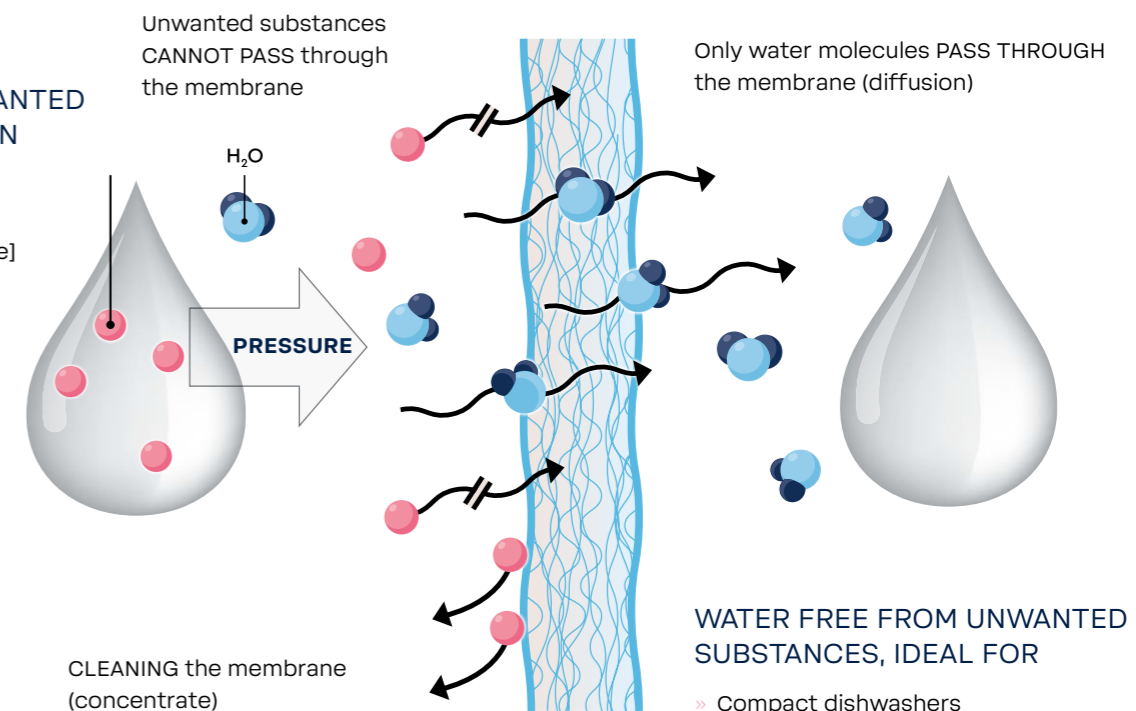
How reverse osmosis works

RAW WATER

TYPICAL UNWANTED SUBSTANCES IN RAW WATER

- Limescale [calcium carbonate]
- Gypsum [calcium sulphate]
- Particles
- Calcium
- Magnesium
- Sodium
- Potassium
- Sulphate
- Carbonate
- Chloride
- Off-flavours
- Chlorine
- etc.

HIGH-PERFORMANCE MEMBRANE



Solutions & technologies

CONSTITUENTS OF RAW WATER

NEUTRAL PARTICLES

- Off-Flavours
- Chlorine

ANIONS

- Sulphate
- Carbonate
- Chloride

CATIONS

- Calcium
- Magnesium
- Sodium
- Potassium

SOLIDS

- Limescale [calcium carbonate]
- Gypsum [calcium sulphate]
- Particles

FULL DESALINATION



CATION EXCHANGE



DECARBONIZATION



Efficient limescale protection for dishwashers in hospitality



BWT bestaqua ROC
The Purist



BWT bestclear EXTRA
The Desalinator



BWT bestclear
The Clarifier



BWT bestsoft
The Softener

Innovative reverse osmosis technology:

for high water demand and tough use in hospitality kitchens and bakeries. High performance and suitable for all raw or drinking water.

Salt content after filtration

very low

Water filter with full desalination technology:

for more average water demand in hospitality and constantly clean cooking areas for combined steamers and ovens.

Salt content after filtration

very low

Water filter with partial desalination technology:

for more average water demand; prevents limescale formation and for quick cleaning of dishwashers.

Salt content after filtration

medium

Innovative water softening technology:

ideal for directly supplying compact restaurant dishwashers for white crockery.

Salt content after filtration

high



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