

Our drinking water is of an outstanding quality, yet it is unsuitable directly from the tap for steam generation in combination steamers and ovens, because the minerals otherwise so highly valued lead to undesirable deposits in such applications. The consequence is decreases in the performance of costly machines, right up to machine downtimes.



No cuisine without steam

Modern kitchens can no longer do without steam. With these innovative "steamers", meals can be served in perfect quality and large quantities at an exact time. For this purpose, full functionality of these all-rounders around the clock is essential. However, if the quality of the water with which the combination steamer is operated is unsuitable, then the salts dissolved in the water lead to deposits in boilers, pipe systems and the cooking chamber. Frequent downtimes and additional service operations are the consequence. Water optimisation specifically targeting this issue prevents these problems before they occur. This saves on costs and safeguards turnover – anytime and anywhere.

Steam in the oven

Whether compact shop ovens or complete baking stations – they both need pure steam. With perfect steam, rolls, croissants etc. will be a success, the innovative baking technology will be properly cared for and downtimes avoided. Ovens in the front area retain their clear glass panes and the baking area remains free of unattractive depositions.



For efficient solutions in practical applications

BWT water+more has the largest product range worldwide in water optimisation for steam generation in gastronomy. What is more, we have the expertise to know which technologies bring the respective optimum result on-site. Thus, you can use technologies which efficiently provide the best water depending on the local water quality and required water quantity. We are happy to advise you!

Focus on sustainability

Water optimisation can make an important contribution to the improvement of sustainable operations. The minimisation of service operations through fault-free systems and long service intervals saves CO². BWT water+more takes back all filter cartridge systems after use and ensures they are recycled. Compact machines such as reverse osmosis systems by BWT water+more distinguish themselves through maximum water utilisation and a long service life. In this way, we actively support the aspiration of our partners to save resources wherever possible.

Integrated overall concept – the key to success

As Europe's leading water optimiser, we provide all technologies for all requirements regarding the provision of the best water. Whether basic limescale protection, ion exchange/softening or de-mineralisation/reverse osmosis, whether simple filter cartridges or innovative systems, whether for large or small amounts of water at a location: Our product range and our know-how enable you to install the respective best solution.



Overall concept BWT water+more for combination steamers and ovens



1 Determination of the local water quality

- Simple determination via drip tests
- Measurement of the total hardness (°dTH)
- Measurement of the carbonate hardness (°dKH)

2 Determination of the necessary BWT protection class

- A** Difference dTH – dKH greater than 6
And/or dTH more than 30° German hardness
And/or chloride proportion higher than 50 mg/l
- B** Difference dTH – dKH greater than or equal to 6
- C** Difference dTH – dKH smaller than or equal to 5

°dTH: total hardness
°dKH: carbonate hardness

3 Estimation of the consumer's water requirements

The total water consumption of a machine comprises of:

- Typical water consumption per operation
- Number of operations on average per working day
- Water requirements for cleaning programs

On the basis of this data, the probable water consumption can be estimated, e.g. per month. The actual water consumption can then be measured extremely simply using the BWT Aquameter, thus allowing the next filter exchange to be planned.

4 Selection of the best water optimisation

After determination of the necessary BWT protection class and the average water consumption, the respective best water optimisation system can then be selected. This generates highest efficiency through the longest possible operation periods and minimised service operations.



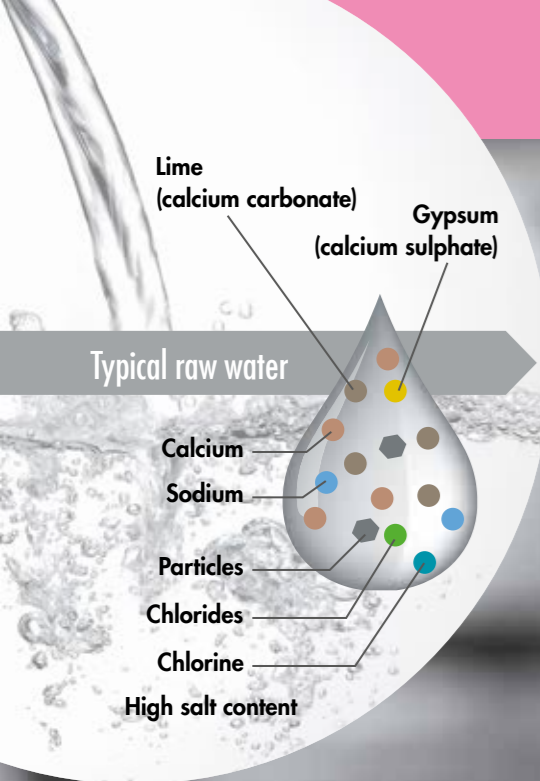
BWT protection class	Water requirement	Combination steamer		Oven	Space requirement	Water optimising system by BWT water+more
		Direct injection	Boiler system			
A Maximum protection (lime and gypsum protection, chlorides)		+++	+++	+++	—	BWT bestaqua 24
		+++	+++	+++	—	BWT bestclear EXTRA 2XL
B Basic protection PLUS (lime and gypsum protection)		+++	+++	+++	—	BWT bestaqua 24
		++ ⁽¹⁾	++ ⁽¹⁾	++ ⁽²⁾	—	BWT bestprotect 2XL
C Basic protection (lime protection)		++ ⁽¹⁾	++ ⁽¹⁾	++ ⁽²⁾	—	BWT bestaqua 24
		+++	+++	+++	—	BWT bestmax 2XL
		+++	+++	+++	—	BWT bestmax XL

⁽¹⁾ Bypass 0.
⁽²⁾ Bypass 1.

From the complete BWT water+more product range, the most efficient water optimisation can be selected for:

Every local **water quality**
Every required **water quantity**
Every **water requirement**
Every **available space**

BWT water+more technologies for combinati on steamers/ovens



Decarbonisation



- Lime, particles and chlorine are removed
- Medium salt content

Ion exchange⁽¹⁾



- Lime, particles, chlorine and gypsum are removed
- High salt content

Complete desalination



- Lime, particles, chlorine and gypsum are removed
- Extremely low salt content

Custom-made solutions for every local water quality and every water requirement – for maximum efficiency at every operation location

BWT bestmax

- ✓ - Basic protection
- Protection against lime and gypsum deposits
- Space-saving



BWT bestmax – the allrounder

- Highly efficient lime protection thanks to BWT HET technology
- Multi-stage filter with high performance density in small spaces
- Removes all unwanted accompanying substances
- Flexible operation thanks to 7 filter sizes
- Return of exhausted filter cartridges to BWT water+more

BWT bestprotect

- ✓ - Basic protection PLUS
- Protection against lime and gypsum deposits
- Space-saving



BWT bestprotect – the protector

- Reliable protection against lime and gypsum deposits
- Special pH-value stabilising minimises corrosion
- Comprehensive protection of machine technology
- Return of exhausted filter cartridges by BWT water+more

BWT bestclear EXTRA

- ✓ - Maximum protection
- Protection against lime and gypsum deposits and corrosion (chlorides)
- Space-saving



BWT bestclear EXTRA – the desalinator

- Compact mixed-bed filter system
- Significant reduction of overall salt content
- Protects against salt deposits of all kinds
- Reduces chloride content, protects against corrosion
- Return of exhausted filter cartridges by BWT water+more

BWT bestaqua STEAM

- ✓ - Maximum protection
- Protection against lime and gypsum deposits and corrosion (chlorides)
- Ideal for high water quantity requirements



BWT bestaqua STEAM 24 – the complete system

- Compact solution based on reverse osmosis
- Practically salt-free water
- Complete system with pressure tank
- High permeate capacity
- High yield



BWT besthead

Regardless of which filter cartridge system you require, the universal BWT Single-Head technology always ensures maximum flexibility. This universal filter head fits every filter type and every filter size. As a result, you can react flexibly at all times to all requirements. Order no. **FS00Y90A00**

Product	Filter cartridge XL	Filter cartridge 2XL	Filter cartridge 2XL	Filter cartridge 2XL
Filter capacity in litres (Bypass 0)	4690 ⁽²⁾	8270 ⁽²⁾	4285 ⁽³⁾	2360 ⁽³⁾
Filter capacity in litres (Bypass 1)	5155 ⁽²⁾	9100 ⁽²⁾		2550 ⁽³⁾
Connection BWT single-head technology	✓	✓	✓	✓
Order no.	FS28I00A00	FS30I00A00	FS30N00A00	FS30U10A00

⁽¹⁾ Regular cleaning of the machine is necessary for ion exchange into easily soluble salts.

⁽²⁾ Filter capacity at 10° carbonate hardness (°dKH).

⁽³⁾ Filter capacity at 14° total hardness (°dTH)

Product solutions from BWT water+more

BWT water+more offers the catering industry filtration systems with which you can optimise water: for limescale prevention in your machines and for the high sensory quality of the water and the products you make with it. With our products

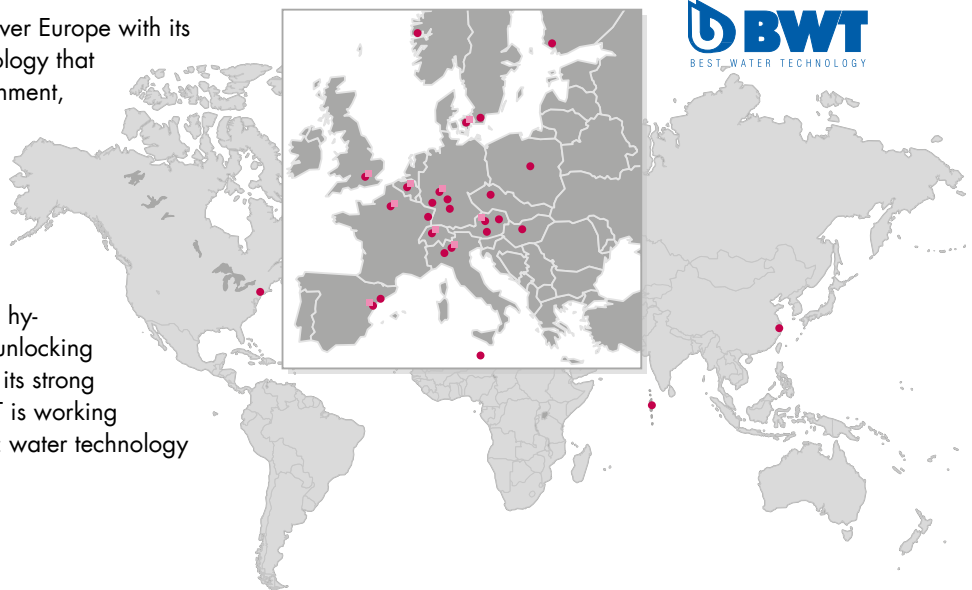
- BWT bestmax – the all-rounder,
- BWT bestprotect – the protector,
- BWT bestmax PREMIUM – der the taste expert and
- BWT bestmax BALANCE – the natural one,

you can optimise almost any water, anywhere, for any catering application. Use the experience and technologies of BWT water+more to supply your business and your processes with the perfect water efficiently! Find out more at www.bwt-wam.com.



BWT – the leading international water technology group

Today, the BWT Group is present all over Europe with its own subsidiaries and holdings. Technology that protects both the water and the environment, as well as international sustainability management with regard to customers, staff, the environment, market partners and society, are what the company sees as its role and responsibility. Water as the elixir of life and the rising standards for safety, hygiene and health in everyday life are unlocking very promising new tasks. Building on its strong position on the European market, BWT is working consistently to make its vision a reality: water technology for a better life!



Europe's No. 1 in Water Technology

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