Water for hot drinks

All-round protection for professional and fully-automatic coffee machines

BWT CHANGE THE WORLD sip by sip

BWT water + more

Water is an asset from nature

By the time water flows into our machines as coffee water, it has a long journey behind it. On its way through various layers of earth and rock into the groundwater, it absorbs a variety of substances, e.g. minerals and soluble salts, thanks to its extraordinary dissolving power. These include calcium, which tends to be undesirable in coffee water. The geology, soil use by people, treatment in water-works and the pipeline system through which water reaches households determine the composition of local drinking water.

The highest quality and hygiene standards apply when treating raw drinking water and when transporting it into households. However, the procedures used in waterworks do not necessarily aim at producing the best possible coffee water.
This is why specially optimizing the water for preparing coffee at the point of use is definitely advisable. It improves the taste and aroma of the drinks prepared with it and protects the valuable machinery.

Drinking water, rare and precious

» 70% of the Earth's surface is covered with water. 97.5% of water volumes worldwide are salt water, less than 1% is usable fresh water.

» About 70% of the drinking water in Germany comes from groundwater reserves, 30% comes from springs or is treated surface water, e.g. from Lake Constance.

... that connects

Everything correct, everything good

Our optimization systems don't only prevent the build-up of limescale and gypsum, they also ensure that the water hardness, pH-value and mineral balance in the water are just right for the perfect coffee.

By professionals for professionals

Talking with coffee and tea connoisseurs from around the world has always been part of the corporate philosophy at BWT water+more. It gives us valuable impetus for our developments and innovations. Allowing us to know exactly what's needed to prepare coffee and tea, and ensuring perfect water.

We offer a broad range of sophisticated technical solutions, with which users can ideally meet all their requirements for water for coffee, tea & co. These include unique all-round solutions for about 90% of all water situations that work with different filter levels. The filters then systematically remove all unwanted substances from the water in accordance with every single need. For example, they specially reduce calcium content, protecting the machinery in the process. Cutting-edge technologies, such as our reverse osmosis equipment, also solve special water problems like high chloride or sulphur content, and as a result are ideal for large quantities of water.

Machine protection and sensory properties. That's what it's all about!

BWT water+more is the first water filter manufacturer worldwide to have intensively gone into the taste of water and offers sophisticated technical solutions that effectively protect machines and noticeably improve the sensory properties and aroma of hot drinks at the same time.

With our optimization systems, we enable users to effectively prevent limescale deposits and gypsum from forming, as well as producing the best taste results for their hot drinks. Our filter solutions can be used at any location, regardless of the quality of the local raw water. BWT water+more's recipe for success for the hospitality trade is safe, easy-to-use and extremely tasty. Saving money and securing sales – anywhere, anytime.

Water: the basis of good coffee

At 98%, water is the main ingredient in all coffee preparations. With the right water it is possible to extract the valuable taste and aromas from the roughly 1,000 substances contained in roasted coffee beans that coffee lovers appreciate so much. So for everyone who enjoys Germany's most popular hot drink it's worth taking a closer look at their coffee water and understanding its composition.

The taste-plus with

Magnesium-technology

Magnesium technology offers more

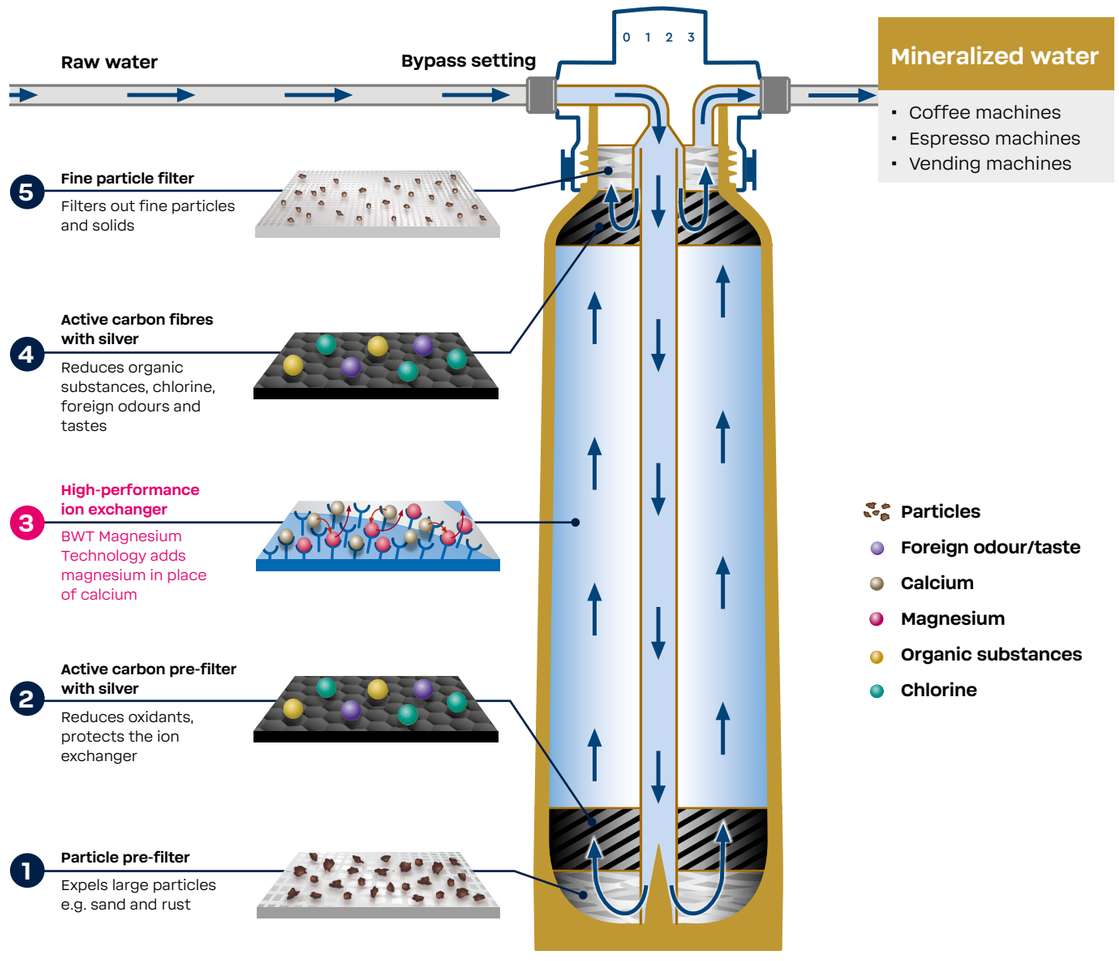
Water mineralization with BWT Magnesium Technology – the ultimate for the right mineral content in coffee water.

These water optimization systems reduce dulling calcium and enrich the water with magnesium at the same time. Magnesium is not just an excellent taste enhancer that promotes varied aromas in coffee. Magnesium in water can do much more. If it is present in sufficient quantities, the water will be much better at extracting the flavours from the coffee grounds – which is what it's all about. Or put another way, if you pay attention to the magnesium technology in the water filter, you can gain a lot of flavour in coffee.

Every coffee will then taste how it should, regardless of the quality of the local drinking water. And as connoisseurs know, magnesium in the water refines the crema on an espresso and stabilizes it until it releases the full flavour of its valuable oily load of aromas.*

*Christopher H. Hendon, Lesley Colonna-Dashwood, Maxwell Colonna-Dashwood, The Role of Dissolved Cations in Coffee Extraction. Journal of Agricultural and Food Chemistry 62 (21), 2014, 4947–4950. – Announcement Dr Frank Neuhausen, BWT water+more GmbH 2012.

How the BWT bestmax PREMIUM filter levels work



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.

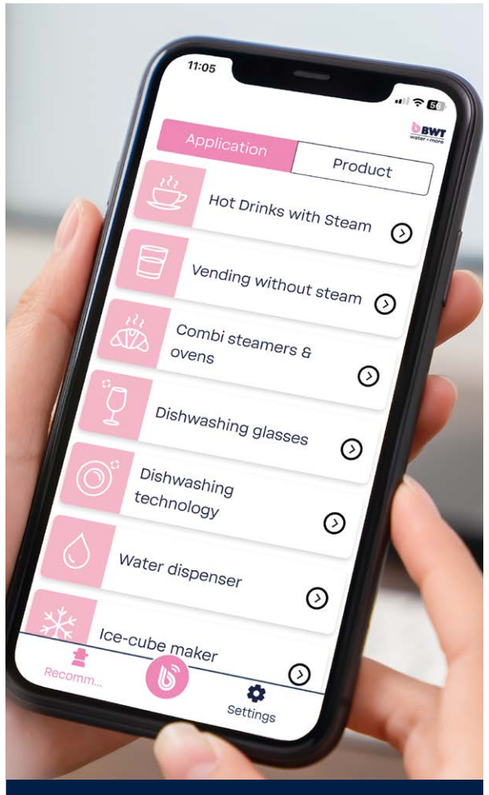
The good news: With the BWT Best Water Professional App for your smartphone or tablet, you'll be able to find the right product quickly and easily.

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**

Solutions & technologies

Efficient limescale protection for the technology and oustanding sensory properties for hot drinks

CONSTITUENTS OF RAW WATER

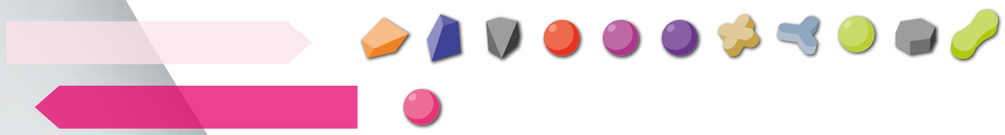
SOLIDS
- Limescale [calcium carbonate]
- Gypsum [calcium sulphate]
- Particles

CATIONS
- Calcium
- Magnesium
- Sodium
- Potassium

ANIONS
- Sulphate
- Carbonate
- Chloride

NEUTRAL PARTICLES
- Off-Flavours
- Chlorine

REVERSE OSMOSIS PLUS RE-MINERALIZATION



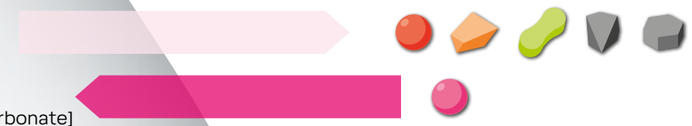
BWT bestbarista ROC COFFEE
The Coffee Master

BWT bestaqua ROC COFFEE
The Remineralization Duo

Specially conceived for **high water demand** and **reproducible water characteristics.** Top sensory results thanks to selective enrichment with magnesium.

Salt content after filtration **low**

DECARBONIZATION PLUS MAGNESIUM



BWT bestmax PREMIUM
The Taste Experts

For difficult types of water and to provide **sensory refinement with magnesium** as the taste enhancer.

Salt content after filtration **medium**

CATION EXCHANGE

BWT bestprotect
The Protector

For **unstable water containing sulphur**, that tends to **form gypsum.**

Salt content after filtration **high**

DECARBONIZATION

BWT bestmax
The All-rounder

For **standard types of water** and about **90% of applications.**

Salt content after filtration **medium**

ACTIVE CARBON FILTRATION

BWT besttaste
The Enhancer

For types of water that **taste unpleasant or contain chlorine.**

Salt content after filtration **constant**

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