BWT CHANGE THE WORLD sip by sip

BWT water + more

ROC YOUR WATER

A QUANTUM LEAP IN THE OPTIMIZATION OF WATER FOR COFFEE, COFFEE SPECIALITIES, TEA AND OTHER HOT DRINKS

BWT-WAM.COM

BWT BESTAQUA

FUNCTIONAL ELEMENTS

HIGH-QUALITY ALUMINIUM CASING
» Hygienic surface
» Easy to clean
» Sound insulated

SENSOR AND CONTROL TECHNOLOGY

BACK: INTEGRATED TANK
» Secure availability of BWT coffee water
» Consistently optimal magnesium mineralization

SILICONE PADS AND FOLDING JOINT
» Good stability of the base
» Easy replacement of the membrane module

ROC TURN
» Fix: THE QUANTITY

VISUAL FUNCTION DISPLAY

PUMP FOR CONSTANT PRESSURE

MEMBRANE MODULE (RO) BWT BESTAQUA MEMBRANE
» BWT high-performance membrane
» Highly efficient, robust and durable

MAGNESIUM MODULE BWT BESTAQUA PREMIUM
» BWT magnesium technology
» Ensures the QUALITY of the coffee water
» Calcium replaced with magnesium

SETTING AND CONTROL
» Control of all the relevant operating parameters

WATER OPTIMIZATION

FOR COFFEE AND HOT DRINKS RECONCEIVED

BWT water+more has completely redefined its appliances with reverse osmosis technology: making them more compact, more powerful and more efficient. Therefore, BWT bestaqua ROC Coffee sets completely new standards for optimizing drinking water for the production of coffee, coffee specialities and other hot drinks. Never before was it so easy, inexpensive and safe to refine any locally available drinking water into the right water for the preparation of coffee.

INNOVATION FOR PERFECT WATER.

The clever combination of reverse osmosis and the now legendary BWT magnesium technology is a visible symbol of this new generation of appliances. This combination is unique worldwide and is only offered by BWT bestaqua ROC Coffee. Only with this technology can undesired accompanying substances be elegantly reduced from the water whilst at the same time achieving a balanced mineralization of the water with magnesium as the flavour carrier.
And only with this combination can two important goals be achieved: the perfect protection of coffee machines from limescale and gypsum. And a perfect brewing process that enables you to get the best out of your beans and to skilfully improve the flavour of the brown gold.

BWT BESTAQUA 14 MEMBRANE – PERFORMANCE AT THE HIGHEST LEVEL

This module looks like a water filter from BWT water+more. However, it is one of the most efficient reverse osmosis membranes in the world, based on newly developed BWT membrane technology, and is cleverly integrated into a filter casing. BWT bestaqua 14 MEMBRANE comes into its own when the demand for pure water and the load of accompanying substances are high.
The unique ROC-Turn function makes it easy to set your individually desired dissolved salt content and to monitor it live via an app (ROC Control).
» BWT high-performance membrane
» Typical performance 120 L/h
» Robust, durable, efficient

BWT BESTAQUA 14 PREMIUM – BWT MAGNESIUM TECHNOLOGY

It is only with this unique BWT magnesium mineralization that the water that has been prepared by reverse osmosis and optimally adjusted thanks to ROC-Turn becomes perfect BWT coffee water. Calcium that is still dissolved in the water is replaced with magnesium. This means that any coffee machine is reliably protected from limescale and gypsum deposits, even when a high mineral content is desired. The optimal magnesium content ensures a perfect extraction for any coffee. All the coffee water is also perfectly optimized via activated carbon and an ultrafiltration membrane.
» BWT magnesium technology
» Unique with magnesium for the perfect extraction
» UF-membrane for the purest water, free from bacteria (log 6)
» Typical capacity 6,000 L @ 150 µS/cm

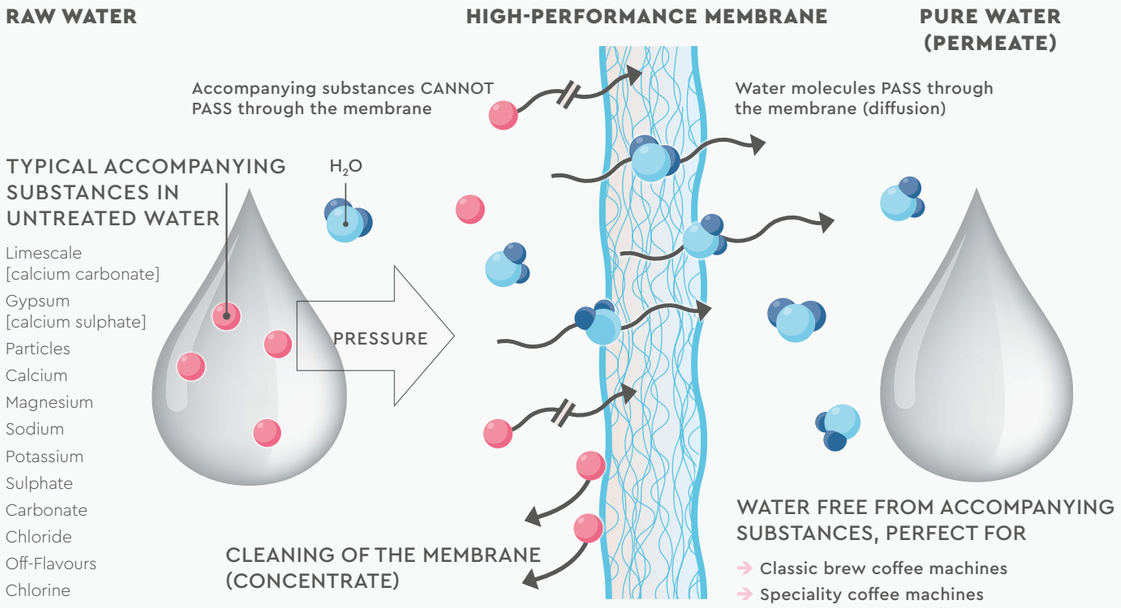
MAGNESIUM MINERALIZED WATER BWT BEST WATER TECHNOLOGY

ROC YOUR COFFEE

→ **FIX:** the desired mineral content
→ **GET:** unique BWT magnesium coffee water
→ **ENJOY:** your perfect coffee

ROC COFFEE

HOW THE REVERSE OSMOSIS WORKS



INNOVATION

IN THE SMALLEST POSSIBLE SPACE

BWT bestaqua ROC Coffee (Reverse Osmosis Compact) is one of the most compact RO systems for the optimization of water for coffee preparation. All the modules are integrated into a single casing, which has been carefully selected, designed, manufactured and optimized. BWT bestaqua ROC Coffee systems are robust and durable.
They are intended to exist successfully in the tough working conditions of the food service sector and to reliably operate with minimal maintenance. BWT bestaqua 14 ROC Coffee satisfies the desire for a standardised optimization of water that provides reliable results in coffee production throughout the world.

BWT BESTAQUA 14 ROC COFFEE

KEY DATA	
Permeate performance[1]	2 L/min = 120 L/h
Salt retention rate	> 97 %
Permeate yield [1,2,3] (WCF)	approx. 50 %
OPERATING CONDITIONS	
Min. feed water flow rate	4,2 L/min = 250 L/h
Concentrate flow rate approx.	ca. 2,0 L/min = 120 L/h
Feed water pressure	0,15–0,4 MPa = 1,5–4 bar
Feed water temperature	5–30 °C
Ambient temperature	5–40 °C
POWER	
Power supply	230 V/50 Hz, with ≥ 6 A protection
Equipment fuse	1,25 A, time-lag
Power consumption	200 W, Standby < 3 W
Equipment connection	EC-60320 C13
Cold appliance connection cable	1,8 m, CEE 7/4, IEC-60320 C13

FEED AND DRAINAGE LINES	
Feed water	M ¾"
Permeate	M ⅜"
Concentrate	John Guest 8 mm
External tank	John Guest 8 mm
DIMENSIONS AND WEIGHT	
Dimensions (W x D x H)	277 x 297 x 505 mm
Weight	17.7 kg
ORDER NUMBERS	
BWT bestaqua 14 ROC Coffee	RS82M01A00
BWT bestaqua MEMBRANE Size 14	RS00Y61A00
BWT bestaqua PREMIUM Size 14	FS24P99A00

CONTROL
Reverse osmosis controlled and monitored extremely easily via an app on the smartphone

INTEGRATED TECHNOLOGY
Reverse osmosis developed specifically for the restaurant trade

ROC

GREEN
Sustainable reverse osmosis with extremely low waste water generation and resource consumption

TURN
Infinitely adjustable bypass setting for targeted, demanddriven demineralisation

IMPORTANT!
The BWT bestaqua ROC Coffee may only be supplied with cold water of drinking quality.
WCF: Water Conversion Factor
EC: electrical conductivity
SDI: Silt Density Index
1) The performance indicated applies for operation without permeate back-pressure at a water temperature of 15 °C. The performance achievable in practice depends on various parameters, such as the feed water quality, water temperature back-pressure on the permeate side etc., and may therefore deviate slightly from the value shown here.
2) The use of a feed water pre-treatment unit or a particle and activated carbon filter such as the BWT besttaste is recommended.
3) The default setting is for a WCF value of approx. 50 % at standard conditions (see ref. 1). The total WCF of device may vary due to local conditions and default settings, eg. rinsing cycles.
Errors and omissions excepted, subject to change without notice.

BWT 230125GM

BWT
CHANGE THE WORLD
sip by sip

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