



PURITY QUELL ST – THE BEST WATER FOR GASTRONOMY

Technology: decarbonisation

Taste and function for gastronomy

Constant high performance in gastronomy is expected from high-quality machines. To ensure this performance is achieved at all times, it is advisable to work with optimised water.

The consistent water quality over the life of the filter and the reliable removal of unwanted taste and aroma elements ensures best quality and optimum aroma development for your drinks, as well as high machine protection.



Filter management app

Download our free of charge BRITA Professional FilterManager app and get a reminder for your next filter exchange – automatically, wherever you are. For smartphone and tablets.

For more information please visit: professional.brita.net/app



IntelliBypass[®]
technology

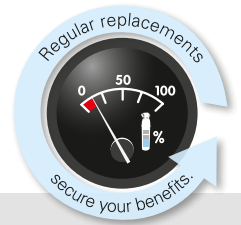
A largely volumetric-flow independent bypass water proportion ensures constant water quality, also for low water flow rates.

Your advantages – great taste with reliable protection from limescale.

- Removal of unwanted taste and aroma elements in the complete filtrate (including in the bypass water)
- Targeted adaptation to local conditions with variable bypass setting
- Coffee develops its full aroma
- Limescale deposits and associated machine breakdowns are reduced
- Service and repair costs are clearly reduced

PURITY Quell ST

Optimum water for different applications



Systematic filter technology

1. Pre-filtration

A fleece at the inlet reliably retains coarse particles and with its laminar water distribution ensures a high utilisation of the downstream filter medium.

2. Carbonate hardness reduction

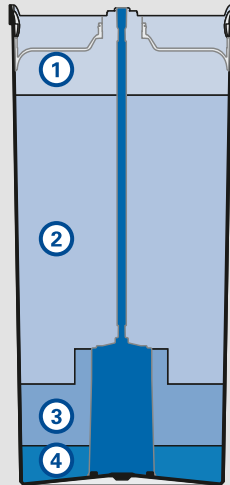
The PURITY Quell ST filter medium reduces the content of carbonate hardness in a targeted way. As a result, unwanted limescale formation is prevented.

3. Activated carbon filtration

All of the water – including the bypass water – runs through an activated carbon filter. Taste and aroma elements that have a negative affect do not enter the filtrate.

4. Fine filtration

At the end of the filtration process a fleece retains any fine particles.



The illustration serves as explanation of the filter technology. It is not to scale.

The PURITY promises:

Optimum water quality

Outstanding and consistent water quality – free of unwanted taste and aroma elements.

Maximum product safety

For uninterrupted operation and safe use.

Simple to use

Operation is simpler and easier than ever.

The food safety of BRITA Professional water filter products is tested and monitored by independent institutes.

Electronic components are CE-certified and labelled.



*applies to all materials in contact with water

	PURITY Quell ST		
	450	600	1200
Capacity ¹ with a carbonate hardness of 10 °dH Coffee/espresso/vending machines (bypass setting 40%)	4,217l	7,207l	13,187l
Comparable capacity according to DIN 18879-1:2007: The comparable capacity is a standardised indicator to facilitate comparison of different filters. The comparable capacity is determined under extreme conditions. Normally the usable capacity in practical operation is clearly higher than the comparable capacity and may vary greatly depending on the usage conditions.			
Comparable capacity	2,240l	4,420l	7,253l
Max. operating pressure	6.9 bar		
Water intake temperature	4–30°C		
Flow at 1 bar pressure loss	max. 350l/h		
Nominal flow	60l/h	120l/h	
Pressure loss at nominal flow	max. 0.12 bar	max. 0.36 bar	max. 0.32 bar
Dimensions (height/width)	408/249 mm	520/249 mm	550/288 mm
Weight (dry/wet)	10/12 kg	12/15 kg	18/24 kg
Connections (input/output)	G 1"/G 3/4"		
Operating position	horizontal and vertical		
Operation	Use after inhouse softening units possible		

¹ The capacities given have been tested and calculated on the basis of normal application and machine conditions. Due to external influences (e.g. variations in raw water quality and/or machine type), deviations from these results can occur.

Products	Order number		
	450	600	1200
New filter (complete system with filter cartridge) with measuring and display unit	1009227	1009229	1009231
New filter (complete system with filter cartridge) without measuring and display unit	1009228	1009230	1009232
Replacement cartridge	273000	273200	273400
Accessories			
BRITA FlowMeter 100–700 A	298905		
Carbonate hardness test kit	710800		
Appropriate hoses and hose sets from our comprehensive FlexConnect range as well as other accessories can be found in our price list.			
Replacement parts			
Pressure vessel lid with measuring and display unit	272000		272400
Pressure vessel lid without measuring and display unit	272100		272500

Only drinking quality water may be used as the water supply for BRITA water filters.

Headquarters

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