



PURITY C QUELL ST – ENJOYING WATER CAN BE SO SIMPLE

Technology: decarbonisation

Experience unique quality

Specially developed for catering and vending sectors, the PURITY C Quell ST filter cartridges reduce carbonate hardness in drinking water and therefore reduce the danger of limescale deposits in equipment. In addition, the filter medium retains metal ions, such as lead or copper, and also reduces substances that can negatively affect taste and aroma (such as chlorine residues).



IntelliBypass[®]
Technology

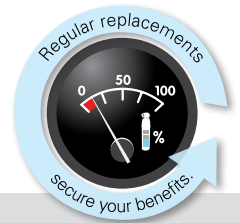
A largely volumetric-flow independent bypass water proportion ensures constant water quality, also for low water flow rates.

Your advantages – constant water quality for many applications.

- Limescale deposits and the associated machine breakdowns are reduced and additional service and repair costs are thus clearly reduced
- The removal of unwanted taste and aroma elements in the filtrate (and also in the bypass water) for optimum quality of the end product
- One filter head concept for all cartridge versions in the PURITY C range
- Various head designs for targeted adaptation to individual requirements
- Simple to handle with rapid-change system
- Innovative locking handle for reliable adjustment
- Water inlet and outlet on one filter head side for space-saving installation

PURITY C Quell ST

Optimum water for varied applications



Systematic filter technology

1. Pre-filtration

A pre-filter retains coarse particles.

2. Carbonate hardness reduction

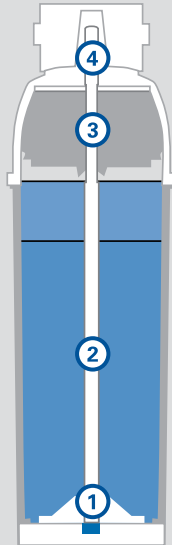
The PURITY C Quell ST filter medium reduces carbonate hardness. As a result, unwanted limescale formation is prevented.

3. Activated carbon filtration

All of the water – including the bypass water – runs through an activated carbon filter, so substances that have an adverse effect on the taste and aroma are removed.

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 C 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.



*applies to all materials in contact with water

	PURITY C Quell ST			
	C50	C150	C300	C500
PURITY C 0–70 % filter head with variable bypass				
Capacity ¹ coffee /espresso /vending machines (at a carbonate hardness of 10°dH/bypass setting of 40 %)	960l	2,408l	4,000l	6,800l
Capacity ¹ combi steamers/ovens (at a carbonate hardness of 10°dH/bypass setting of 10 %)	660l	1,656l	2,750l	4,675l
PURITY C 30 % filter head with fixed bypass				
Capacity ¹ with a carbonate hardness of 10°dH	831l	2,086l	3,464l	5,889l
PURITY C 0 % filter head with fixed bypass				
Capacity ¹ with a carbonate hardness of 10°dH	600l	1,505l	2,500l	4,250l
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	435l	1,278l	2,199l	4,125l
Max. operating pressure	8.6 bar			
Operating/water temperature	4–30 °C			
Nominal flow	60l/h			100l/h
Pressure loss at nominal flow	0.25 bar			0.5 bar
Dimensions (W/D/H) with filter head	117/108/267 mm	117/108/423 mm	124/123/477 mm	149/149/555 mm
Weight (dry/wet)	1.0/1.4 kg	1.7/2.5 kg	2.7/3.9 kg	4.6/7.1 kg
Connections (input/output)	G3/8" or John Guest* 8 mm			
Operating position	horizontal and vertical			

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			
	C50	C150	C300	C500
Filter cartridge	1002730 (Pack 1) 102831 (Pack 20)*	102828 (Pack 1) 102829 (Pack 6)*	102826 (Pack 1) 102827 (Pack 3)*	1002045 (Pack 1)
Filter head 0 % ² , G3/8"	1002949 (Pack 1)/297177 (Pack 20)*			
Filter head 0 % ² , JG8"	1002942 (Pack 1)/297176 (Pack 20)			
Filter head 30 % ³ , G3/8"	1002952 (Pack 1)/297175 (Pack 20)*			
Filter head 30 % ³ , JG8"	1002945 (Pack 1)/297174 (Pack 20)			
Filter head 0–70 % ⁴ , G3/8"	1002955 (Pack 1)/297172 (Pack 20)*			
Filter head 0–70 % ⁴ , JG8"	1002946 (Pack 1)/297171 (Pack 20)			
PURITY C Filter headset III 0–70 % (Filter head G3/8", backflow preventer, CH test kit, wall mounted bracket)	1002937			
Accessories				
BRITA FlowMeter 10–100 A	298900			
Total hardness and carbonate hardness test kit	710403			
Carbonate hardness test kit	710800			
Total hardness test kit	536754			
Backflow preventer G3/8"	1000639 (Pack 3)			
Backflow preventer JG8"	292068 (Pack 3)			

Appropriate hoses and hose sets from our comprehensive FlexConnect range as well as other accessories can be found in our price list.

² For combi steamers, ovens and coolers ⁴ Can be used flexibly for all applications
³ For coffee machines and vending machines * Not available in Switzerland

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

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