

# PURITY C Quell ST



## 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).



Opt for clean.  
Opt for green.

Environmental protection and recycling are part of the BRITA corporate philosophy. BRITA established a recycling programme for exhausted filter cartridges. Since 1992 all parts of BRITA cartridges can be completely reprocessed so that the materials can be recycled.

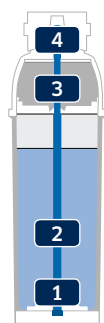
## The benefits to you

- Limescale deposits and the associated machine breakdowns are reduced including additional service and repair costs
- 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 with various head designs for individual requirements
- Simple to handle with rapid-change system including an innovative locking handle for reliable adjustment
- Integrated flush valve for easy operation and space-saving thanks to the water inlet and outlet on one side of the filter head



# 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 Non-electric pump**  
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.

# Quality and safety

**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.



**KTW**  
tested\*

**ACS**  
conform



\*applies to all materials in contact with water

PURITY C Quell ST	C50	C150	C300	C500	C1100
Technology	decarbonisation				
PURITY C 0 - 70 % filter head with variable bypass					
Capacity <sup>1</sup> coffee/espresso/vending machines (at a carbonate hardness of 10 °dH/bypass setting of 40 %)	960 l	2,408 l	4,000 l	6,800 l	11,500 l
PURITY C 30 % filter head with fixed bypass					
Capacity <sup>1</sup> with a carbonate hardness of 10 °dH	831 l	2,086 l	3,464 l	5,889 l	9,960 l
PURITY C 0 % filter head with fixed bypass					
Capacity <sup>1</sup> with a carbonate hardness of 10 °dH	600 l	1,505 l	2,500 l	4,250 l	7,188 l
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	435 l	1,278 l	2,066 l	4,125 l	8,670 l
Max. operating pressure   Water intake temperature	8.6 bar   4 - 30 °C				
Nominal flow (Pressure loss at nominal flow)	60 l/h (0.25 bar)			100 l/h (0.5 bar)	
Dimensions (W/D/H) with filter head	119/108/268 mm	117/104/419 mm	125/119/466 mm	144/144/557 mm	184/184/557 mm
Weight (dry/wet)	1.0/1.6 kg	1.8/2.8 kg	2.8/4.2 kg	4.6/6.9 kg	7.7/12.5 kg
Connections (input/output)	G 3/8" or John Guest* 8 mm (JG 8)				
Operating position   Operation	horizontal and vertical   use after inhouse softening units possible				

PURITY C Quell ST	Order number				
Filter cartridge	1002730 (Pack 1) 102831 (Pack 20)*	102828 (Pack 1) 102829 (Pack 6)*	102826 (Pack 1) 102827 (Pack 3)*	1002045 (Pack 1)	1012446 (Pack 1)
Filter head 0 % <sup>2</sup> (G 3/8"   JG 8)	1002949 (Pack 1)/297177 (Pack 20)*   1002942 (Pack 1)*/297176 (Pack 20)*				
Filter head 30 % <sup>3</sup> (G 3/8"   JG 8)	1002952 (Pack 1)/297175 (Pack 20)*   1002945 (Pack 1)*/297174 (Pack 20)*				
Filter head 0 - 70 % <sup>4</sup> (G 3/8"   JG 8)	1013637 (Pack 1)/1013634 (Pack 20)*   1013636 (Pack 1)*/1013633 (Pack 20)*				
PURITY C Filter head set III 0 - 70 % (Filter head G 3/8", backflow preventer, CH test kit, wall mounting bracket)	1002937				

Accessories	Order number
BRITA FlowMeter 10 - 100	1033041
Hardness test kit (carbonate)	710800
Backflow preventer (G 3/8"   JG 8)	1000639 (Pack 3)   292069 (Pack 1)*

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

Explanatory notes	<sup>1</sup> 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. <sup>2</sup> For coolers <sup>3</sup> For coffee machines and vending machines <sup>4</sup> Can be used flexibly for all applications * Not available in Switzerland
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Only drinking water quality may be used as the water supply for BRITA water filters.

For more information, contact:

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