

# 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).

## 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



### Looking for the right filter?

Download the free BRITA Professional Service Filter App to identify the correct filter for your system.

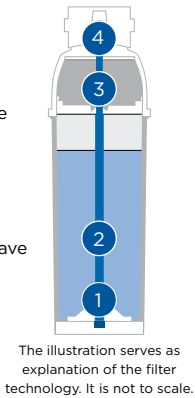
## Digitalise your water filtration with BRITA iQ Meter

With BRITA iQ Technology, you gain real-time insights into your entire filter portfolio, ensuring transparency and full control. Adding connectivity to your filtration systems enables you to predict filter replacements and optimise maintenance workflows to ensure maximum operational efficiency.



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.



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.
  - Operation after a softening unit**  
Usage after softening unit maintains approx. 70 % of its usual filter capacity.
  - 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	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
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				
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 <sup>5</sup> )	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	<p><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.</p> <p><sup>2</sup> For coolers</p> <p><sup>3</sup> For coffee machines and vending machines</p> <p><sup>4</sup> Can be used flexibly for all applications</p> <p><sup>5</sup> Not suitable for cartridge size C1100</p>

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

BRITA Recycling Program

Environmental protection and recycling are part of the BRITA corporate philosophy. As early as 1992, we established a recycling programme for our filter cartridges – the first in our industry. Our plant in Taunusstein, Germany, processes cartridges from both the hospitality industry and private households.



Learn more about the BRITA Recycling Program:  
brita.co.uk/recycling-professional

For more information please contact:

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