

# PURITY C Quell ST **RAIL**



## 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



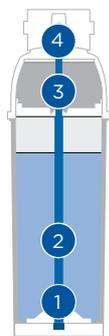
## Classification Hazard Level HL 3

Tested according to EN 45545-2



# 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.

# 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.



\*applies to all materials in contact with water

PURITY C Quell ST Rail	C300	C500
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 %)	4,000 l	6,800 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	125/119/466 mm	144/144/557 mm
Weight (dry/wet)	2.8/4.2 kg	4.6/6.9 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 Rail	Order number	
Filter cartridge	1052080 (Pack 1)	1052084 (Pack 1)
Filter head 0 - 70 % <sup>2</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> Can be used flexibly for all applications

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](http://brita.co.uk/recycling-professional)

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