

PURITY C500 MinUp



Innovative mineralisation for regions with very soft water

PURITY C500 MinUp is a cartridge specially designed for regions with very soft water (carbonate hardness (CH) $\leq 3^{\circ}\text{dH}$). It is combined with the PURITY C Quell ST pre-filter - which ensures the reliable release of minerals from the cartridge. This creates a solution that delivers continuous mineralisation of water by dissolving calcium to achieve the desired carbonate hardness. The result is consistently delicious coffee with a fully developed aroma.

In addition, both products feature BRITA's activated carbon technology. This filters out any substances that could have a negative impact on taste. The filtered water therefore has the ideal composition for truly superb coffee.

The benefits to you

- A solution specially designed for regions with very soft water (CH $\leq 3^{\circ}\text{dH}$), for great-tasting coffee even where local water is low in minerals
- Better extraction of flavour compounds from coffee during the brewing process for a full aroma and balanced taste
- Consistent mineralisation across the entire life of the filter for reliably high-quality results
- Increased total dissolved solids (TDS) help ensure water-level sensors work effectively in coffee machines
- Activated carbon technology that reduces substances such as chlorine that could affect taste and aroma
- A single filter-head design for all cartridge types in the PURITY C range: with a rapid-replacement system, innovative locking handle and integrated flush valve for easy operation



BRITA Professional Filter Service App

The Filter Service App is your ideal assistant. This unique, comprehensive tool helps determine the right type and size of filter for your precise needs. It provides detailed installation guidance for service engineers, calculates when cartridges will need replacing - and has a wealth of other, innovative capabilities.

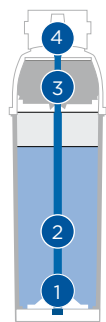
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Comprehensive filtration technology

- 1 Pre-filtration**
A pre-filter traps coarse particles.
- 2 Mineralisation**
PURITY C500 MinUp releases naturally occurring calcium carbonate for fully developed taste and aroma.
- 3 Activated carbon**
All inlet water is filtered with activated carbon technology, removing any substances that could have an adverse effect on taste and aroma.
- 4 Fine filtration**
At the end of the filtration process, a fleece captures any fine particles.



Simplified depiction of filtration. 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

Mineralisation system				
Technology	PURITY C MinUp mineralisation		PURITY C Quell ST decarbonisation	
	Carbonate hardness of inlet water		Carbonate hardness of mineralised water	
Mineralisation effect	1°dH		-2°dH	
	2°dH		-3°dH	
	3°dH		-5°dH	
PURITY C filter head (bypass of PURITY C Quell ST and PURITY C MinUp must both be set at 0%)				
Capacity ¹	PURITY C500 MinUp	PURITY C300 Quell ST	PURITY C500 Quell ST	PURITY C1100 Quell ST
	30,000 l	8,333 l	14,167 l	23,960 l
Operating details PURITY C500 MinUp				
Operating pressure	2 bar – 8.6 bar			
Water intake temperature	4 – 30 °C			
Nominal flow	20 l/h			
Pressure loss at nominal flow	0.1 bar			
Dimensions (W/D/H) with filter head	144/144/557 mm			
Weight (dry/wet)	7.6/10.1 kg			
Water inlet and outlet connections	G3/8" or John Guest 8mm			
Operating position	Vertical only			
Cartridges and filter heads		Order number		
PURITY C500 MinUp		1035801 (Pack 1)		
PURITY C Quell ST C300		102826 (Pack 1)		
PURITY C Quell ST C500		1002045 (Pack 1)		
PURITY C Quell ST C1100		1012446 (Pack 1)		
Filter head 0% G3/8"		1002949 (Pack1), 297177 (Pack 20)		
Filter head 0% John Guest 8mm		1002942 (Pack 1), 297176 (Pack 20)		
Accessories		Order number		
Backflow preventer G3/8"		1000639 (Pack 3)		
Backflow preventer John Guest 8mm		292069 (Pack 1)		
Carbonate hardness test kit		710800		
BRITA FlowMeter 10 – 100		1033041		

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

Explanatory notes

¹The values for capacity have been tested and calculated on the basis of normal use and operating conditions, and water with a carbonate hardness of $\leq 3^\circ\text{dH}$. Due to external influences (e.g. variations in machine type), actual results may deviate.

The inlet water used must have a carbonate hardness of $\leq 3^\circ\text{dH}$ to prevent overmineralisation and the associated risk of limescale build-up in the coffee machine used downstream. The cartridge is not intended for use in conjunction with a softening unit. Only water of potable quality may be used as the supply for BRITA water filters.

For more information please contact:

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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