

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.



BRITA Professional Filter Services

We believe that becoming a BRITA customer is only the beginning of a long-lasting and enriching partnership. Our extensive service portfolio is best in class: a broad offering including end-to-end support and expert advice, dedicated training sessions, value-adding tools and sustainable solutions – all designed to make your work life easier, and to help strengthen your business.

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



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 substances detrimental to taste or aroma.

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	30,000 l
	PURITY C300 Quell ST	4,167 l
	PURITY C500 Quell ST	7,083 l
	PURITY C1100 Quell ST	11,979 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 ¹ The 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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