

# PURITY Clean/ Clean Extra



Remove elements causing limescale, marks and streaks from mains water

The PURITY Clean can be used to partially demineralise water. It should be applied where carbonate hardness level is high and the removal of other minerals is not required. With the PURITY Clean Extra the result is a fully demineralised water for use where a reduction in quality can occur due to an additional high mineral content in the water. As a guideline, for an evaluation of the additional mineral content in decarbonized water, the conductivity can be used (measured in  $\mu\text{S}/\text{cm}$ ).

## The benefits to you

- PURITY Clean: glasses, white crockery and cutlery look clean and unmarked - without any hand polishing
- PURITY Clean Extra: sparkling glasses, gleaming white crockery, and cutlery without streaks and marks for the highest demands without any hand polishing
- Limescale deposits in the machine are prevented - the machines run longer without loss of efficiency
- Repair and service costs are clearly reduced
- Easy handling due to the PURITY replacement cartridge system
- Particularly suited to hot water applications (up to 60 °C)



## 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.

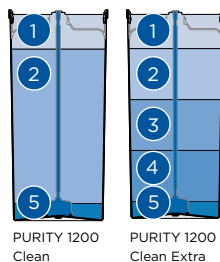
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# Systematic filter technology

- 1 Pre-filtration**  
A fleece at the inlet retains coarse particles and, with its water distribution system, ensures a high utilisation of the downstream filter medium.
- 2 Carbonate hardness reduction**  
The level of carbonate hardness is reduced. As a result, unwanted limescale formation is prevented. With the integrated activated carbon, unwanted taste and aroma elements, such as chlorine, are also reduced.
- 3 Permanent hardness reduction (only PURITY 1200 Clean Extra)**  
This stage eliminates permanent hardness and the non-hardness causing minerals (cations).
- 4 Anion reduction (only PURITY 1200 Clean Extra)**  
This filter medium removes the remaining ions (anions).
- 5 Fine filtration**  
At the end of the filtration process, another fleece retains 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 1200 Clean	PURITY 1200 Clean Extra
Technology	partial demineralisation	total demineralisation
Capacity <sup>1</sup> at a carbonate hardness of 10 °dH (0% bypass)	12,000l	-
Capacity <sup>1</sup> at a total hardness of 10 °dH (0% bypass)	-	5,000l
Max. operating pressure	6 bar	6 bar
Water intake temperature	4 - 60 °C	4 - 60 °C
Flow rate with 1 bar pressure loss	850l/h	850l/h
Nominal flow	300l/h	300l/h
Pressure loss at nominal flow	0.45 bar	0.45 bar
Dimensions (height/width)	550/288 mm	550/288 mm
Weight (dry/wet)	18/24 kg	18/24 kg
Connections (input/output)	G1"/G3/4"	G1"/G3/4"
Operating position	horizontal and vertical	horizontal and vertical
	Order number	
New filter (complete system with filter cartridge)	292083	1008200
Replacement cartridge	315645	1008197
Accessories	Order number	
BRITA FlowMeter 100 - 700	1033042	
Total hardness test kit (for PURITY 1200 Clean Extra)	536754	
Carbonate hardness test kit (for PURITY 1200 Clean)	710800	

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

### Recommended guidelines for the use of complete demineralisation (conductivity\*)

	partial demineralisation	total demineralisation
	Conductivity*	
Glasses	< 300 µS/cm	> 300 µS/cm
Cutlery	< 80 µS/cm	> 80 µS/cm
Crockery	generally	not necessary

\* Approximate values (with carbonate hardness 0 °dH)

### 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.

Only drinking water quality may be used as the water 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](http://brita.co.uk/recycling-professional)