

# PURITY C1100 XtraSafe



## A dual defence against corrosive water for steaming and coffee-making equipment

Water high in salts and gypsum can corrode combi steamers and ovens, coffee makers and other valuable equipment. It can cause significant damage and additional maintenance effort – and necessitate earlier replacement of parts.

BRITA developed PURITY C1100 XtraSafe with precisely these challenges in mind. The cartridge delivers targeted protection against the chlorides, sulphates and gypsum found in mains water in certain regions. It employs an effective five-step filtration process, including dual ion exchangers, to reliably improve your water.

What's more, the recommended filtration bypass settings help ensure the ideal water composition – including just the right degree of carbonate hardness – for great-tasting coffee, perfectly steamed vegetables, meat and other dishes, plus irresistible baked goods and pastries.

## The benefits to you

- Specially designed for water high in salts and gypsum
- Dual defence: two ion exchangers protect your equipment against corrosion, limescale and gypsum deposits
- Prevents damage that would require premature replacement of parts
- Filtration bypass settings are tailored specifically to steaming food and brewing coffee
- BRITA Professional Filter Service App uses data on local water conditions to calculate user-specific recommendations for capacity and filtration bypass settings



### Looking for the right filter?

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



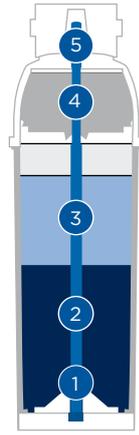
## Digitalise your water filtration with BRITA iQ Meter

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.



# Comprehensive filtration technology

- 1 Pre-filtration**  
First, a pre-filter traps coarse particles.
- 2 Cation reduction**  
This stage reduces carbonate and permanent hardness, as well as various cations. This helps prevent limescale.
- 3 Anion reduction**  
This medium removes remaining ions (anions), such as chlorides and sulphates, to reduce the risk of corrosion and gypsum deposits.
- 4 Activated carbon**  
The water is then filtered with activated carbon, removing substances that could have an adverse effect on taste and aroma.
- 5 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

PURITY C1100 XtraSafe	
Technology	Total demineralisation
Capacity <sup>1</sup>	User-specific capacity calculation via BRITA Professional Filter Service App
Operating pressure	2 bar - max. 8.6 bar
Water intake temperature	4-30 °C
Water inlet and outlet connections	G3/8" or John Guest 8 mm
Flow rate with 1 bar pressure loss	300 l/h
Nominal flow	100 l/h
Pressure loss at nominal flow	0.2 bar
Weight (dry/wet)	7.7/12.5 kg
Dimensions (W/D/H) of filter system	184/184/557 mm
Dimensions (W/D/H) of filter cartridge	184/184/548 mm
Operating position	Vertical
Cartridges and filter heads	Order number
PURITY C1100 XtraSafe	1043056 (Pack 1)
Filter head 0-70 % G3/8"	1013637 (Pack 1)
Filter head 0-70 % JG 8	1013636 (Pack 1)
Filter head PURITY C Steam G3/8"	1023325 (Pack 1)
Accessories	Order number
BRITA FlowMeter 10-100	1033041 (Pack 1)
Total and temporary hardness test kit	710403
Conductivity meter case	1034799
Corresponding hoses and hose sets from our comprehensive FlexConnect range as well as other accessories can be found in our price list.	
Footnote	<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 mains water quality and/or machine type), deviations from these results can occur.

Only water of potable quality may be used as the 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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