



# PURITY STEAM – BAKING AND COOKING WITH FULL STEAM AND AROMA

Technology: decarbonisation

## Optimum water quality for steam cooking and baking

With the PURITY Steam, calcium and magnesium ions are selectively removed from the drinking water using the flow method via an ion exchanger. Furthermore, the filter material binds metals such as lead and copper and reduces substances that negatively affect taste and aroma as well as organic contaminants. The increased flow and reduced pressure loss also allow the smooth operation of large combi steamers and ovens.



**IntelliBypass<sup>®</sup>**  
technology

A largely volumetric-flow independent bypass water proportion ensures constant water quality, also for low water flow rates.

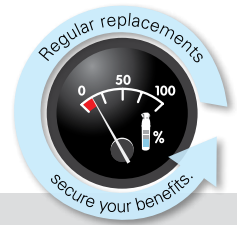


## Your advantages – full flavour and specific protection for your machines.

- Baked products, fish, meat and vegetables are cooked to their best
- High capacity with reliable reduction of limescale formation
- Fine steam jets remain open longer
- Prevents glass corrosion of sight glass and blackening of equipment
- Bypass settings specially adapted to different steamers and ovens
- Improved flow performance of up to 500l/h with 1 bar pressure loss
- Use after in-house softening units possible

# PURITY Steam

## Optimum water quality for kitchen and bakery



### Systematic filter technology

#### 1. Pre-filtration

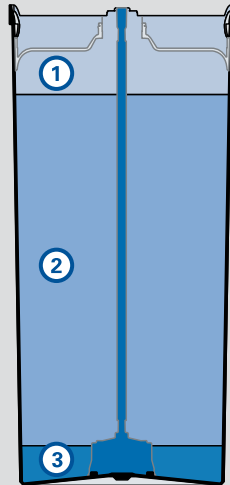
A fleece at the inlet reliably retains coarse particles and with its laminar water distribution ensures a high utilisation of the downstream filter medium – independent of water flow rates and pressure surges.

#### 2. Carbonate hardness reduction

The filter medium reduces the carbonate hardness content in a targeted way. As a result, unwanted limescale formation is prevented. With the integrated activated carbon element, chlorine, chlorine compounds and organic elements are reduced. In this way unwanted taste and aroma elements do not enter the filtrate.

#### 3. 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.

### The PURITY promises:

#### 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.

Electronic components are CE-certified and labelled.



\*applies to all materials in contact with water

	PURITY Steam		
	450	600	1200
Capacity <sup>1</sup> with a carbonate hardness of 10 °dH (bypass position 1)	3,680l	5,771l	10,800l
Comparable capacity according to DIN 18879-1:2007: The comparable capacity is a standardised indicator to facilitate comparison of different filters. The comparable capacity is determined under extreme conditions. Normally the usable capacity in practical operation is clearly higher than the comparable capacity and may vary greatly depending on the usage conditions.			
Comparable capacity	2,754l	4,734l	9,521l
Max. operating pressure	6.9 bar		
Operating/water temperature	4–30 °C		
Flow at 1 bar pressure loss	max. 500l/h		
Nominal flow	max. 120l/h		
Pressure loss at nominal flow	max. 0.36 bar		
Dimensions (height/width)	408/249mm	520/249mm	550/288mm
Weight (dry/wet)	10/12kg	12/15kg	18/24kg
Connections (input/output)	G 1"/G 3/4"		
Operating position	horizontal or vertical		

<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.

Products	Order number		
	450	600	1200
New filter (complete system with filter cartridge) with measuring and display unit	1002912	1002918	1002923
New filter (complete system with filter cartridge) without measuring and display unit	1000654	1000245	1000226
Accessories			
Replacement cartridge	1000653	1000252	1000231
BRITA FlowMeter 100–700 A	298905		
Carbonate hardness test kit	710800		
Appropriate hoses and hose sets from our comprehensive FlexConnect range as well as other accessories can be found in our price list.			

Only drinking quality water may be used as the water supply for BRITA water filters.

BRITA Professional GmbH & Co. KG  
 Heinrich-Hertz-Straße 4  
 D – 65232 Taunusstein  
 Phone: +49 (0) 61 28/7 46-57 65  
 Fax: +49 (0) 61 28/7 46-50 10  
 professional@brita.net  
 www.professional.brita.de

