

PURITY C1000 AC

Activated carbon filtration



PURITY C with activated carbon block — experience fresh water

Specially designed for vending machines, plumbed in water dispensers and coffee machines

- 100 % water filtration, for clarity and great taste
- Retention of particles as small as 0.5 µm in accordance with NSF Standard 42
- Compatible with all PURITY C range heads
- Protection of connected equipment — reduced machine breakdowns



The task:

Even the best quality drinking water can affect the flavour, aroma and appearance of drinks due to regional differences in its constituents. Metals and organic impurities introduced by the installation can also have a negative impact on drinking water, with the result that it does not meet the exacting standards required of the end product. In these cases, particles or suspended matter can cause machine breakdowns and increased maintenance costs.

The solution:

PURITY C1000 AC reliably retains the impurities in drinking water that can impair the flavour, aroma and appearance of the end product of the connected beverage equipment. Our extremely fine-pored activated carbon block filters unwanted tastes taints and odours from the water including particles as small as 0.5 µm and impurities that may represent a hygiene risk. Typical areas of application for the PURITY C1000 AC filter cartridge are vending machines, plumbed in water dispensers and coffee machines.

Fresh water

PURITY C is the innovative, state-of-the-art, versatile filter concept from BRITA. PURITY Technology gives you:

Optimal water quality

Outstanding and consistent water quality

- Filtration of extremely fine particles as small as 0.5 µm (in accordance with NSF Standard 42)
- Elimination of undesirable taste taints and odours in the filtrate (such as chlorine)
- Retention of sand and suspended matter

Highest level of product safety

For simple operation and safe handling

- Innovative locking handle with integral water valve
- Reduction in the number of particles reaching the machine and the malfunctions caused
- Service and repair costs are noticeably reduced

Simple handling

Quicker and easier operation than ever before

- Simple handling with time saving rapid-change system
- Water inlet and outlet on one filter head side for space-saving installation
- Compatible with all filter heads in the PURITY C filter range

Flow system:

1) Water supply

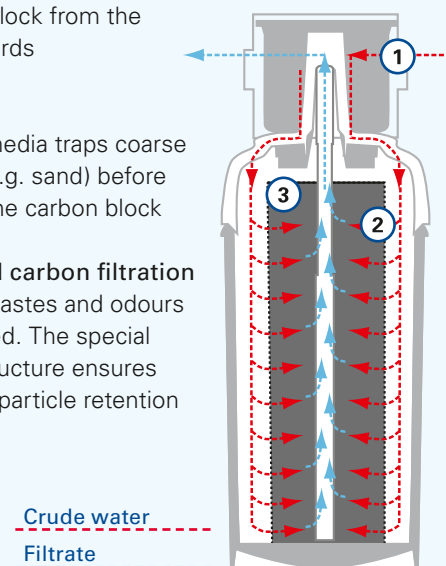
All crude water flows through the carbon block from the outside inwards

2) Pre-filter

Expansion media traps coarse impurities (e.g. sand) before they reach the carbon block

3) Activated carbon filtration

Unpleasant tastes and odours are eliminated. The special fine-pore structure ensures outstanding particle retention



	PURITY C1000 AC
Capacity ^{1/2}	10,000 litres
Max. operating pressure	8.6 bar
Operating temperature	4 °C – 30 °C
Working flow range and associated pressure loss	30 – 180 l/h / 0.2 – 1.4 bar
Flow rate with 1 bar pressure loss	140 l/h
Chlorine reduction DIN EN 14898	Class 1 (>90%)
Chlorine reduction NSF 42	Class I (50%)
Particle retention NSF 42	Class I (0.5 µm)
Dimensions (W/D/H) in mm Filter head with filter cartridge	106/92/229
Weight (dry/wet)	0.4 kg / 0.9 kg
Connections (inlet/outlet)	G 3/8" or John Guest 8 mm
Operating position	horizontal or vertical

¹ The stated capacities have been tested and calculated on the basis of common application and machine conditions. External factors (such as fluctuating crude water quality and/or machine type) can cause deviations from this information.

² Only water of drinking water quality may be used as intake water for the BRITA water filter system.



ACS
conform

	PURITY C1000 AC
Products	Order numbers
Filter cartridge (pack of 1)	1002063
Filter cartridge (pack of 20)	1002091
Filter head 0 % ² , G 3/8"	297177 (pack of 20) / 1002949 (pack of 1)
Filter head 0 % ² , JG8	297176 (pack of 20) / 1002942 (pack of 1)
Accessories	
PURITY C cover	1000503 (pack of 10)
FlowMeter 10 – 100 A	298900
FlowMeter 100 – 700 A	298905
Non-return valve G 3/8"	1000639 (pack of 3)
Non-return valve JG8	292068 (pack of 3)
Hoses	
1.5 m, DN8, 3/4" – 3/8"	366400
1.5 m, DN8, 3/8" – 3/8"	1001137
1.5 m, DN8, 3/4" – 3/8" arc	293704
1.5 m, DN8, 3/8" – 3/4" arc	1001139
1.5 m, DN8, 3/8" – 3/8" arc	1001140
1.5 m, DN8, 3/4" arc – 3/8" arc	293703
1.5 m, DN8, 3/4" – 3/8" ball valve	1001138
1.5 m, DN8, 3/8" – 3/8" ball valve	1001365

With PURITY C AC filter cartridges, 100 % water is filtered. The filter cartridge can be used with filter heads that have a variable or fixed by-pass without change to performance.

For more information:

BRITA Professional
BRITA House
9 Granville Way
Bicester

BRITA Professional GmbH & Co. KG
Heinrich-Hertz-Straße 4
D-65232 Taunusstein
Tel: +49 (0)6128 / 746-0
Fax: +49 (0)6128 / 746-5010
professional@brita.net
www.brita.net

Oxfordshire
OX26 4JT
Great Britain
tel: +44 (0)844 742 4990
fax: +44 (0)844 742 4902
clientservices@brita.co.uk
http://professional.brita.co.uk