HS1 FILTER SYSTEM

OPTIMUM WATER QUALITY FOR YOUR WATER DISPENSER

The HS1 Filter System provides outstanding and constant water quality. It reliably retains residues in the water that can negatively affect the taste, aroma or appearance of the end product (such as chlorine). It guarantees a bacteria retention at a pore size of 0.2 µm (Test procedure in accordance with DIN 58356, as recognised by the medical technology sector).
The filter retains sand and suspended matter and reduces metallic residues, such as lead.

OPT FOR CLEAN. OPT FOR GREEN.

At BRITA we have always cared about the environment. Our philosophy is to provide the best quality water from the most local source, eliminating the need for costly and polluting transportation and packaging.

The installation of a BRITA Water Dispenser has an immediate impact on your ecological footprint.

THE BENEFITS TO YOU

- 10.000 l capacity and as small as a nominal 0.2 µm bacteria particle retention
- No turbidity. Produces the best taste and aroma in the end product
- Reduction of metallic residues and chlorine
- Required for BRITA Hygiene Solution
- Operation is simpler and easier than ever
- Simplest handling with rapid-change system
- Water input and output on one side of the filter head for space-saving installation

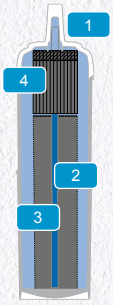
SYSTEMATIC FILTER TECHNOLOGY

1 Water flow
All the raw water flows through the carbon block from the outside inwards and runs through a hollow fibre membrane.

2 Pre-filter
Before entering the carbon block, a fleece retains coarse contaminants (such as sand).

3 Activated carbon filtration
Reduces substances that can have an adverse effect on the taste and aroma. Very fine pores ensure effective particle retention.

4 Hollow fibre membrane
Finest particles and bacterias as small as 0.2 µm are filtered out reliably.



The illustration serves as explanation of the filter technology. It is not to scale.

QUALITY AND SAFETY

For uninterrupted operation and safe use

- Reduction in unwanted particles preventing costly machine breakdowns
- Food-grade quality tested by independent institutions (such as KTW)

ACS conform KTW tested*

*applies to all materials in contact with water

Filter system HS1 with filter cartridge	
Operating pressure	2 bar – max. 8.6 bar
Water intake temperature	4°C to 30°C
Ambient temperature	in operation: 4°C to 30°C in storage/transport: –20°C to 50°C
Operating flow range and associated pressure loss	60–240 l/h / 0.3–1.5 bar
Flow at 1 bar pressure loss	180 l/h
Dry filter volume	0.47 l
Weight (dry/wet)	0.46 kg/0.9 kg
Nominal filter capacity	10.000 l
Chlorine reduction DIN EN 14898	Class 1 (>90%)
Lead reduction DIN EN 14898	10.000 l
Bacteria retention (Test procedure in accordance with DIN 58356)	0.2 µm nominal pore size
Filter system dimensions (filter head with cartridge) (diameter/height)	65.5 mm/359.7 mm
Filter cartridge dimensions (diameter/height)	65 mm/333.5 mm
Installation dimensions (vertical installation with wall mounting) (diameter/height)	65.5 mm/410 mm
Operating position	horizontal or vertical
Water inlet connection	JG6
Water outlet connection	JG6

Filter system HS1 with filter cartridge	Order number
Filter cartridge HS1	1012888 (Pack 1)
Explanatory notes	[1] 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 cold drinking quality water shall be used as the water supply for the BRITA water filter system.

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