

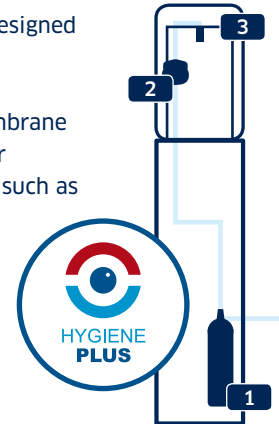
BRITA HygienePlus



Proven three-zone-protection for special hygiene requirements

BRITA provides the effective three-zone-protection for water dispensers. The BRITA HygienePlus solution is designed for environments where hygiene is of the utmost importance, and consists of three key elements:

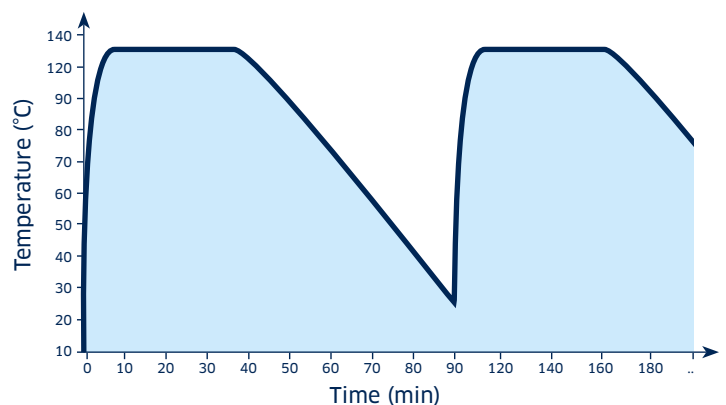
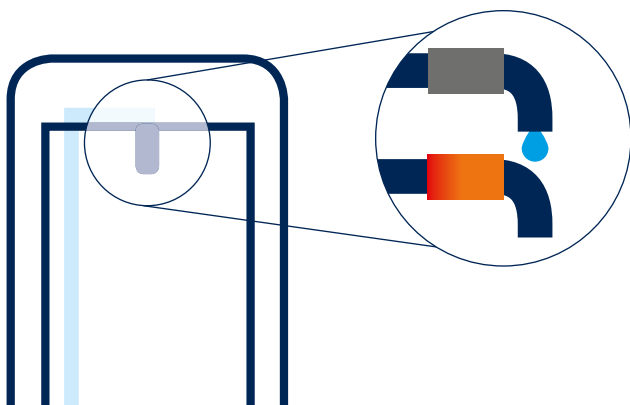
- 1** The inlet water filter (**BRITA CLARITY Protect**) includes pre-filter, activated carbon and hollow-fibre membrane technologies. With a pore size of just 0.15 µm, the filter reliably retains any potential bacteria and other health-hazardous contaminants, such as cysts (in line with NSF 53). It also reduces turbidity and metals such as lead, and improves the taste of water by lowering the amount of chlorine.
- 2** The **BRITA CLARITY Safe X3** filter – located directly upstream of the outlet tap – is a very fine, asymmetric double-layer membrane that retains any potentially remaining bacteria and cysts before the water is dispensed.
- 3** BRITA's powerful **ThermalGate™** feature automatically heats the outlet tap at regular intervals. This protects against retrograde contamination from external sources, such as physical contact (e.g. touching the tap) and droplets (e.g. from sneezing or coughing).



The special HygienePlus solution combines these three safeguards to deliver the high level of safety required for hygiene-sensitive locations. Its effectiveness has been proven by a large number of long-term studies conducted by hygiene institutions.

The powerful BRITA ThermalGate™ feature

Conventional water dispensers can be susceptible to microbial contamination from external sources. The outlet tap is typically entirely unprotected and exposed to the environment. Microorganisms settle on the wet tap – and without appropriate safeguards, this can lead to retrograde contamination (i.e. of the dispenser). The advanced BRITA ThermalGate™ feature used in BRITA VIVREAU water dispensers thermally disinfects the tap at regular intervals, preventing the spread and proliferation of microbes into the unit. ThermalGate™ is continuously active, providing protection not only at peak times, but also during periods of inactivity, e.g. at night or on weekends. The result is an effective and proactive defence.



The benefits to you

- Ensures microbiological safety and hygiene of water immediately prior to consumption
- Filters retain particles, preventing costly breakdowns and enabling uninterrupted operation and safe use
- Highly effective against bacteria, retaining 99.99999% of these microbes (testing procedure is based on ASTM F838, an international recognised standard in the medical technology field)
- The food-grade quality of BRITA water filters is tested and monitored by independent institutions

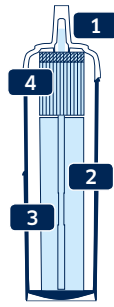


Product compliant with
Reg. EC No 1935/2004

*applies to all materials that come into contact with water

BRITA CLARITY Protect 100

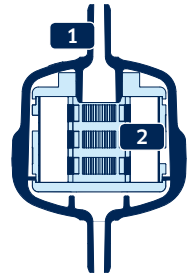
- 1 Water flow**
Water flows from the mains through a carbon block filter and a hollow-fibre membrane as follows:
- 2 Pre-Filter**
Before the water enters the carbon block, it flows through nonwoven materials that retain harsh contaminants (such as sand).
- 3 Activated carbon filtration**
Fine pores in the carbon block ensure effective particle retention. Substances that can have an adverse effect on taste and aroma are reduced.
- 4 Hollow-fibre membrane**
The membrane reliably filters out very fine particles and bacteria as small as 0.15 µm in size.



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

BRITA CLARITY Safe X3

- 1 Water flow**
Pre-filtered water in the dispenser flows through a membrane filter, and is then dispensed.
- 2 Double-layer membrane**
The membrane reliably filters out very fine particles, bacteria and cysts as small as 0.2 µm in size.



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

Model	BRITA CLARITY Protect 100	BRITA CLARITY Safe X3
Operating pressure	2 bar to 8.6 bar	2 bar to 10 bar
Flow rate at 1 bar pressure loss	180 l/h	180 l/h
Nominal filter capacity	11,500 l	exchange after 6 months
Particle retention	0.15 µm (nominal)	0.2 µm (nominal)
Chlorine reduction according to DIN EN 14898	Class I > 90%	-
Chlorine reduction according to NSF 42	50%	-
Reduction of metals such as lead according to DIN EN 14898	11,500 l	-
Retention of bacteria according to ASTM F838	99.999 %	99.99999 %
Removal of health contaminants such as cysts according to NSF 53	99.95 %	99.95 %
Operating position	Horizontal or vertical	Horizontal or vertical
Dimensions		
Filter cartridge (W x H x D)	68 x 68 x 310 mm	86 x 86 x 112 mm
Installed dimensions (vertical installation with wall mounting bracket)	85 x 81 x 330 mm	-
Order number		
Filter cartridge	1020581 Pack 1 BRITA CLARITY Protect 100 CU	1036478 Pack 1 BRITA CLARITY X3 CU
Filter head	1024792 Pack 1 filter head BRITA CLARITY JG5/16 CU	-



For more information please contact:

BRITA Vivreau Ltd.

1st Floor, Beaufort House | Cricket Field Road | Uxbridge UB8 1QG | Great Britain
Tel. +44 845 674-9655 | Fax +44 845 674-9656 | dispenserinfo@brita.co.uk | www.brita.co.uk/water-dispensers

Headquarter: BRITA GmbH

Heinrich-Hertz-Strasse 4 | 65232 Taunusstein | Germany
Tel. +49 6128 746-0 | Fax +49 6128 746-5033 | info@brita.net | www.brita.de