



1. Definition of Terms

All Filter Head types:

1. Filter head
2. Locking Handle
3. Water outlet (G3/8" or JG8)
4. Water Inlet (G3/8" or JG8)
5. Wall Mount
6. Filter Cartridge
7. Protective Cap
8. Flush Valve
9. Flush Hose

Additionally for filter head types PURITY C 0-70%

10. By-pass setting

2. General Information

2.1 Function and Application

Purity C is a filter system specially designed by BRITA for use in food and beverage environments to ensure constantly high water quality for individual customer applications as well as reliable and simple operation.

The unique IntelliBypass ensures a constant by-pass proportion for the entire usage period, irrespective of the volumetric flow of the terminal equipment used. The result is consistently high water quality specially tailored to the requirements of the application and the local water conditions.

By reliably locking the filter cartridge in the filter head and controlling the water flow, the innovative locking handle ensures simple and reliable operation.

The Filter cartridges of the PURITY c50/150/300 Quell ST reduce the carbonate hardness in Drinking water, thus preventing scale deposits in the downstream terminal equipment. Using the flow method, calcium, magnesium ions and heavy metal ions (eg. Lead and copper) are selectively removed from the drinking water via an ion exchanger. Furthermore, the filter material binds contents that impair odour and taste.(eg chlorine residues in the filtrate and the by-pass water), as well as organic impurities and cloudiness.

3. Operating and Safety Information

3.1 Specific Safety Information

- Only water of drinking water quality may be used as intake water for the BRITA water filter system. The BRITA water filter system is only suitable for cold water use. No microbiologically impaired water or water of unknown quality may be used without appropriate disinfection.
- BRITA recommends that the filter system not be decommissioned for a long period. If the BRITA PURITY C filter system is not used for several days (2-3 days), we recommend that the filter system be flushed with the flushing volume X indicated in the table below. After stagnation periods of over 4 weeks, the filter should be flushed with flushing volume Y or else replaced. Please also note that the maximum usage period of the filter cartridge is 12 months.

FILTER CARTRIDGE	FLUSING VOLUME x AFTER 2-3 DAYS STAGNATION	FLUSING VOLUME Y AFTER 4 WEEKS STAGNATION
PURITY C50 Quell ST	2 liters	20 liters
PURITY C150 Quell ST	3 liters	30 liters
PURITY C300 Quell ST	6 liters	60 liters

- The filter system must not be opened or dismantled during operation. The filter cartridge must not be opened.

4. Installation

4.1 Inserting the Filter Cartridge

- Remove protective cap (7)

- Note the next exchange date in the date field on the filter cartridge. (6)
- Insert the filter cartridge (6) vertically in the filter head (1).
Caution: The filter cartridge can only be inserted when the locking handle is open. Make sure that the filter cartridge is positioned correctly.
- Turn the locking handle (2) until you feel it engage.

4.2 Commissioning

- Open the water intake and switch on the power supply of the terminal equipment.
- Operate the flush valve (8) and filter system until the filtered water runs clear and without bubbles. At least 2 empty filter cartridge volumes must be flushed.
Note: When bleeding/Flushing, catch water emerging from the flush hose (9) in an appropriate container.
- Check system for any leaks.

5. Exchanging the Filter Cartridge

The filter cartridge must be replaced after 6-12 months, at the latest 12 months after commissioning, irrespective of the level of exhaustion of the filter system. If the capacity of the filter cartridge has already been exhausted, it must be exchanged earlier.

Caution: During the exchange, carefully examine all dismantled parts! Faulty parts must be exchanged and dirty parts should be cleaned. Read the Operating and Safety Information prior to exchange. After storage and transport below 0°C the product must be stored in the open original packaging for at least 24 hours at the stated ambient temperatures for operation.

Note: When the locking handle is open, the water supply to the cartridge is interrupted and short-circuit operation with direct water flow from the water inlet (4) to the outlet (3) is possible (if necessary, close the water supply and switch off the power supply to the downstream appliance).

- Open Locking handle (2)
- Activate the flush valve (8) and remove pressure from the system.
- Remove exhausted filter cartridge (6) from the filter head(1).

Note: The filter cartridge can be pivoted by 90° in the wall mount for easy removal. Perform the steps described at 4.1 and 4.2

