

BRITA PROGUARD COFFEE



TAILOR YOUR WATER. PROTECT YOUR MACHINE. BREW GREAT-TASTING COFFEE.

BRITA PROGUARD Coffee is a patented multi-cart-ridge filtration system designed to ensure delicious coffee, even in challenging regions where the local mains water contains high levels of salts. A reverse osmosis membrane provides robust protection against corrosion by effectively removing substances such as chlorides and sulphates. In addition, pre-filtration and adjustable mineralisation technologies provide the right composition for reliably excellent taste. What's more, BRITA PROGUARD Coffee operates without electricity where the mains pressure is above 3 bar. Should the pressure be lower, then an electric booster pump can be readily installed.

BRITA PROGUARD Coffee is intended to be used in conjunction with the free BRITA Professional Filter Service App. The App provides guidance for selecting, installing and replacing filters and much more.

THE BENEFITS TO YOU

- Ideal for making great-tasting coffee in regions where water is high in salts, i.e. chlorides or sulphates
- Enables a choice of up to three mineralisation levels, in line with personal taste preferences and with specifications from coffee associations
- Protects against corrosion, with a salt retention rate of over 97 % in total*
- Safeguards against limescale/gypsum deposits, and associated machine breakdowns
- Produces a pH-neutral filtrate (6.5 to 7.5)
- Operates without electricity where mains water pressure is sufficient



* Operating conditions: raw water pressure >3 bar, continuous flow, flow rate > 5l/h

BRITA PROGUARD COFFEE COMPONENTS

1 Pre-filtration

safeguards the RO membrane; reduces particles, chlorine; desired mineralisation level adjustable via bypass setting

2 RO membrane

protects against corrosion, limescale and gypsum; traps over 97% of salts

3 Mineralisation

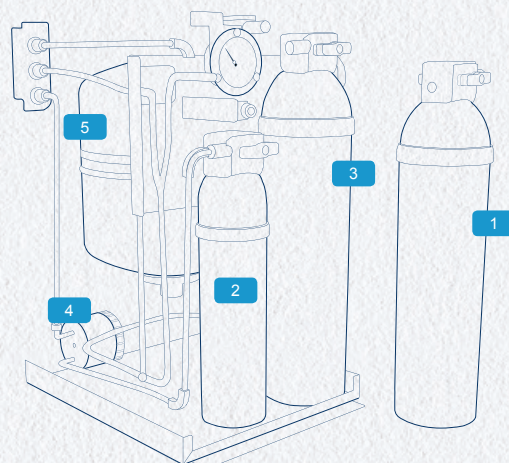
provides an ideal level of minerals; includes activated carbon to remove substances that could affect taste

4 Non-electric pump

non-electric function for easy installation and operation where mains water pressure is greater than 3 bar

5 Storage tank

ensures a reliable supply of filtered water during peak demand



The illustration serves as explanation of the filtration system.

BRITA PROGUARD COFFEE System	
Technology	Reverse Osmosis / Mineralisation
Capacity	Capacity varies by situation. Corresponding BRITA Professional Filter Service App helps to determine the right pre-filter and settings, and calculates the lifetime of cartridges.
Max. operating pressure	3 – 8.6 bar Below 3 bar, the installation of an electric booster pump is required.
Water intake temperature	4 – 30°C
Dimensions (width/depth/height)	366 mm / 509 mm / 621 mm
Weight (dry/wet)	25 kg BRITA PROGUARD Coffee, without cartridges, empty tank / 45 kg BRITA PROGUARD Coffee (wet), with wet cartridges, fully filled tank
Minimum filtrate supply/h	10 l/h at 3 bar mains pressure
Storage tank volume	~6 litres
Water conversion factor	45%
Connections (inlet / outlet)	Inlet: G3/4" / Outlet: G3/8"
Operating position	vertical

ORDER NUMBER - BRITA PROGUARD COFFEE	BRITA PROGUARD COFFEE 300	BRITA PROGUARD COFFEE 500	BRITA PROGUARD COFFEE 1100	BRITA PROGUARD COFFEE 50
	1035849	1035851	1035850	1035848

PURITY C cartridges		C300 Quell ST	C500 Quell ST	C1100 Quell ST	C50 Fresh	C150 PROGUARD	C500 MinUp
Technology		Decarbonisation and activated carbon filtration			Activated carbon filtration	Desalination (RO membrane)	Mineralisation
Empty filter cartridge volume		2.9 l	5.4 l	8.7 l	1 l	1.9 l	5.4 l
Weight (dry / wet)		2.8 kg / 4.2 kg	4.6 kg / 6.9 kg	7.7 kg / 12.5 kg	0.7 kg / 1.5 kg	0.9 kg / 2.5 kg	7.6 kg / 10.1 kg
Dimensions (width/depth/height)	Filter cartridge	119 mm / 119 mm / 457 mm	144 mm / 144 mm / 548 mm	184 mm / 184 mm / 548 mm	108 mm / 108 mm / 259 mm	104 mm / 104 mm / 410 mm	144 mm / 144 mm / 548 mm
	Filter system (cartridge and head)	125 mm / 119 mm / 466 mm	144 mm / 144 mm / 557 mm	184 mm / 184 mm / 557 mm	119 mm / 108 mm / 268 mm	n.a.	144 mm / 144 mm / 557 mm
Operation position		Horizontal or vertical				Vertical	
ORDER NUMBER - PURITY C cartridges		102826	1002045	1012446	1010734	1035591	1035801

Accessories and spare parts	
Hardness test kit (carbonate)	710800
Total hardness test kit	536754
Conductivity meter	1034799
PROGUARD Coffee non-electric pump	1037198
PROGUARD Coffee tank	1037199
PROGUARD Coffee capillary set for RO filter head	1037200

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

FOR MORE INFORMATION, CONTACT:

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BRITA PROFESSIONAL FILTER SERVICE APP

NEW

The new Filter Service App is your ideal assistant. This unique, comprehensive tool helps determine the right type and size of filter for your precise needs. It provides detailed installation guidance for service engineers, calculates when cartridges will need replacing – and has a wealth of other, innovative capabilities.

DOWNLOAD FOR FREE ON



OR VISIT WWW.BRITA.DE/PROFESSIONAL-FILTER-APP