

Setting the standard

in water filtration



|| aquaQUELL ||
P U R I T Y

Experience quality in water filtration

AquaQuell PURITY water filter systems have redefined water quality. The innovative system is the successor to our well-known, successful AquaQuell range which sets completely new standards and thus ensuring a new quality for all foods and drinks.

We set standards in water filtration.

The AquaQuell PURITY systems not only meet today's high demands for water filtration in catering, but will also do justice for future requirements.

These water filter systems offer peace of mind for the future...

- flexible and diverse
- high water quality
- handling and operating convenience
- safety and control

AquaQuell PURITY offers comprehensive improvements with advanced technology.

Coffee

develops its aroma and fine flavour - your customers are satisfied and your turnover will rise.

Hot and cold drinks

that come from vending machines in top quality around the clock!
This is just as good for your customers as it is for you as an operator.

Food from the combi oven

keeps its flavour and aroma, the crisp freshness will make your customer's mouth water!

Baked goods

from the oven will tempt your customers with crispy, golden brown crusts and leave them wanting more ...



Only AquaQUELL PURITY offers you these advantages.

The consistent water quality over the entire lifetime of the filter ensures the best quality of all food and drinks and a good turnover.

An optimum reduction in carbonate hardness prevents limescale deposits and ensures that your high-quality equipment technology always performs to the max.

The quality is guaranteed by

- the new BRITA 4 step filtration,
- the improved AquaQuell filter medium with unprecedented quality
- the additional activated carbon and fine filtration of all of the water, including the by-pass water.



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Forget everything you already knew about water filters



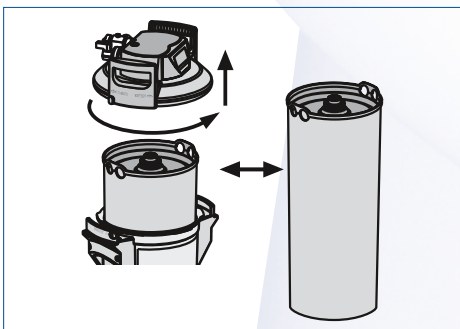
AquaQuell PURITY is a modular system, designed according to the interchangeable cartridge principle. It comprises

- cartridge with filter medium,
- pressure vessel
- pressure vessel lid
- connecting fittings

(with an electronic measuring and display unit as standard).

Thanks to compact dimensions and an intelligent construction, the system can be installed and operated anywhere, either vertically or horizontally.

Easy, quick and convenient!



Thanks to the innovative 'Quick Lock' principle, the pressure vessel can be opened very easily. Thanks to the water shut-off valve in our standard hose sets, the filter cartridge is changed in a trice – without tools and with little effort directly at the filter: you remove the pressure vessel lid, take out the used cartridge, insert the new cartridge and put the lid back on: done!

The new cartridge is flushed via the flushing tap on the filter head, all hoses remain connected. This means that you don't need to disconnect and connect them - saving a great deal of time.



Peerless quality and reliability

AquaQUELL PURITY is based on the tried and tested AquaQuell technology, but supplies water in previously unknown quality and with even more consistent results – regardless of whether the system is operated vertically or horizontally.

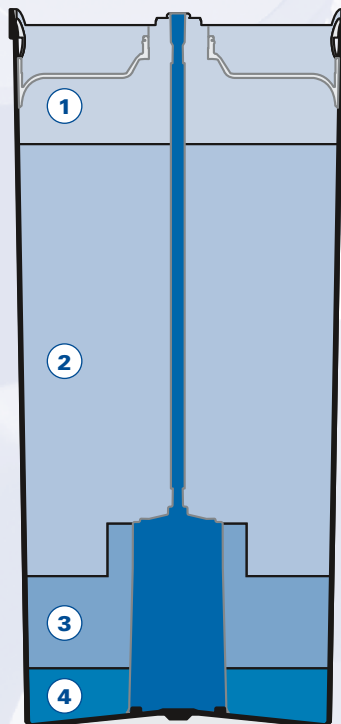
Filtration takes place in 4 steps:

① Pre-filtration

Pre-filtration mesh at the entrance to the cartridge retains coarse particles, such as sand.

② Carbonate hardness reduction

The improved AquaQuell filter medium reduces the levels of carbonate hardness and ensures an even use of the full capacity – all of this is practically independent of flow rates, water quantities, pressure impacts, etc.



③ Activated carbon filtration

All of the water passing through the Aqua-Quell cartridge flows through a BRITA activated carbon filter at the filter outlet. Unpleasant odours and tastes are eliminated.

④ Fine filtration

Right at the end of the filtration process is a fine filter which retains particles as small as 10 µm.

With this unique flow concept, the system offers water quality and reliability of the highest level – no other product on the market can compare!

Only AquaQUELL PURITY offers you these advantages:

The innovative overall concept is not only very simple and convenient to use, but also offers 100% confidence for the future!

- vertical and horizontal installation,
- installation and cartridge exchange without special tools,
- flushing directly at the filter,
- single installation of the pressure vessel, only inner cartridges need replacing,
- guaranteed food safety of all parts that come into contact with water.

Maximum operator convenience and control

The electronic measuring and display unit

Control and reliability in operation

The display unit always shows the current filter capacity. Once the maximum capacity in litres or the maximum filter usage period has been reached, the corresponding display flashes so you can easily and reliably plan the next filter change.

You can set the desired by-pass proportion using a special setting screw. Two sensitive measuring units (water flow meters) in the lid unit exactly determine the various water flows in the filter. From them, the system calculates the real by-pass proportion and displays it - 'live' quality control!

Even with very low flow rates (10 l/h), the water meters work very precisely and ensure that the filter capacity is not exceeded.

Uncomplicated, user-friendly & reliable!

When installing the system for the first time, enter your individual data – local carbonate hardness and appliance type – simply using the setting button on the display unit.

In operating mode: a full overview!

Now set the desired by-pass proportion at the by-pass setting screw and the system automatically calculates the capacity of the cartridge used during the flushing phase. On the clear display unit, you can easily read the current remaining capacity in litres and as a bar chart.

The carbonate hardness set, the date of first commissioning of the filter cartridge used and the real by-pass water proportion determined electronically can also be seen. In this way, you always have full control over the current filter status!



Only AquaQuell PURITY offers you these advantages – giving you reductions in cost!

- optimum use of the product used (coffee grounds and concentrates)
- minimised service costs thanks to reliably plannable exchange cycles,
- inclusion of the system in own quality assurance by calculably reliable filter performance,
- marked reduction of machine break down times due to the reliable prevention of faults caused by scale.

The electronic display guarantees use of the whole filter capacity:

- fully automatic calculation of the individual filter capacity,
- display of the current remaining capacity in litres
- continuous live information about the filter status



PURITY water filter systems are also available without display electronics for use with appliances with integrated volume measurement.

PN: 272400

Made in Germany

BRITA Professional
BRITA GmbH, 65232 Taunusstein, Heinrich-Hertz-Straße 4

... for even more cost efficiency!

And in terms of costs, all of the facts point to AquaQuell PURITY:

Three compact filter sizes ensure optimum use – depending on water consumption, application and local carbonate hardness. The interchangeable cartridge principle reduces the logistic costs: as only the used cartridge is returned, you save postage and shipping costs. Moreover, you can save service costs thanks to a reliable and simple operation – in normal mode the system does not need any maintenance and cartridges are also changed in a trice. It is also obvious that you save even more money thanks to the extension of the service life and functioning abilities of your expensive appliances.



↑ OUT ↑
BRITA
Professional

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It is even more reliable and efficient with telemetry!

We have upgraded the electronic displays of our PURITY systems and automated them to be remote: the display unit transmits all relevant system data to the "vendingRadio" telemetrics module. From there, the data is sent via GSM/GPRS over a satellite to a server, so you can easily monitor and analyse your systems with the "infoControl" software online.

You will receive up-to-the-minute current information about the

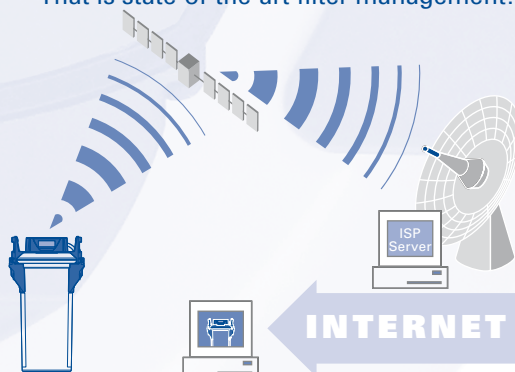
- status of your filter systems,
- warning notices that the filter is about to run out,
- fault or time over-run,
- tabular list of the systems according to postcode, installation or change date, etc.

That is state-of-the-art filter management!

This means marked advantages for you:

- Losses are minimised,
- fault analysis and software updates are online,
- your deployment and personnel planning is optimised,
- upon request, you can also receive warning notices by text message on your mobile,
- using telemetrics, you can also monitor and control the coffee machine, e.g. call up consumption data or change recipes.

An investment that is worthwhile!



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Flexibility and reliability guaranteed!



We offer AquaQuell PURITY systems in three different sizes; giving you exactly the right system for your needs.

Compact dimensions and the new, intelligent filter concept allow reliable operation, both in vertical and in horizontal position. This means that the systems can be used flexibly even when there is little space.

Certified BRITA quality

All components of our new AquaQUELL PURITY filter system have been exclusively developed and manufactured by and for BRITA. All of our water filter systems meet the most stringent safety standards. The food quality of BRITA water filter products has been inspected and confirmed by an independent institute. The AquaQuell PURITY systems bear the test symbols from TÜV (Production monitored), TÜV/GS, SVGW, WRAS, VA, CE.

That is safety for you – signed and sealed.



We professionally recondition the filter medium from used cartridges in our modern recycling plants under regular, independent control.

Your authorised BRITA dealer

BRITA GmbH
Heinrich-Hertz-Straße 4
D - 65232 Taunusstein
tel: +49 (0) 61 28/746-765
fax: +49 (0) 61 28/746-740
professional@brita.net
<http://professional.brita.de>

BRITA Professional
BRITA House
9 Granville Way, Bicester
GB - Oxfordshire OX26 4JT
tel: +44 (0) 844 742 4990
fax: +44 (0) 844 742 4902
clientservices@brita.co.uk
<http://professional.brita.co.uk>

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