



**Aqua free**



**Your specialist for water hygiene!**



**cBlue SC**

Shower filter for an unbeatable showering experience  
and reliable protection against Legionella bacteria



## cBlue SC

The innovative shower filter **cBlue SC** consists of a handheld shower head and a replaceable filter cartridge. It provides protection against Legionella bacteria and all other water-borne pathogens.

### Water hygiene

Although drinking water quality is high, tap water contains pathogens. Given suitable conditions these pathogens can multiply and cause health problems. Buildings and rooms often remain empty for longer periods, especially in public areas or at tourist locations, and the water stagnates in the pipes. This favours the formation of biofilms which provide ideal living conditions for water-borne pathogens like Legionella bacteria. As a result, using the tap water can become a health risk. Legionella bacteria from the water system can be carried into the lungs by the aerosols created by showering and can thus cause severe pneumonia.

### Sensational shower experience

In this situation users need special protection against Legionella bacteria in tap water. The new **cBlue SC** shower filter enables you to shower with all your senses as usual but gives you reliable protection against pathogens from the water system. **cBlue SC**'s clear, functional design fits perfectly in the ambiance of modern bathrooms. The shower's appearance is harmonious even in settings with sophisticated design. That means the shower filter is perfect for use in hotels, spas, wellness areas and private bathrooms. The water jet released by the shower plays a crucial role in the showering experience. Here, too, **cBlue SC** scores highly, creating a pleasant, soft shower jet and using just the right amount of water. So you can relax under the shower as usual – and feel good about being safe from water-borne pathogens.





## Convincing performance

The ample dimensions of the filter area and the ideal pore structure mean that **cBlue SC** gets top marks for flow rate and duration of use. A choice of two replacement cartridges is available offering 3 months and 5 months of use respectively. A powerful flow of up to 11 l/min at a pressure of 3 bar guarantees a pleasant showering experience.

## Optimal safety

When it comes to protecting people's health you should not compromise. The **cBlue SC** shower filter uses proven hollow fibre membrane technology to protect you from Legionella bacteria. The membranes, made from the robust material PES, are temperature-stable and resistant to mechanical and chemical influences. They are perfectly designed to have a nominal pore size of 0.2  $\mu\text{m}$ . This enables the hollow fibre membranes to hold back all water-borne pathogens, such as Legionella bacteria, in the tap water by trapping them in the filter matrix. The result is carefree showering.

As testing has shown, **cBlue SC** cartridges ensure retention of 99.9999 % of *Brevundimonas diminuta* per  $\text{cm}^2$  of filter area, which is equivalent to 7 log reduction. Furthermore, all products are subject to Aqua free quality management and are checked regularly and systematically.

## Perfect for the environment and the budget

With **cBlue SC** you have your costs under control because the shower filter is based on a filter cartridge system. When its filtration capacity is exhausted there is no need to replace the whole shower head - all you need to replace is the filter cartridge inside. This saves money and protects the environment by producing less plastic waste. When protection against Legionella bacteria is not needed the shower can easily be used without a cartridge with the Eco Connect connection.

There is thus no need to buy a new shower head. This is another plus for the environment and the budget.



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## cBlue SC

### Installation

The G1/2" thread of **cBlue SC** makes installation quick and easy. The existing handheld shower head is unscrewed and the **cBlue SC** is mounted on the existing shower hose. Because of the high quality materials used it is not necessary to remove the shower filter for thermal or chemical disinfection in a decontamination procedure. The retention of Legionella bacteria is still reliable after such a decontamination procedure.

### Technical data

Dimensions:	L 263 mm Grip Ø 47 mm head Ø 92 mm	Max. operating pressure***:	up to 5 bar
Microbial retention:	99.9999 % / 7 log ( <i>Brevundimonas diminuta</i> )	Max. operating temperature:	60°C (70°C up to max. 30 min over the service life)
Membrane:	Hollow fibre	Connection:	G ½" screw thread
Service life*:	3 or 5 months	Model:	Item no. 102223: cBlue SC3 Item no. 102116: cBlue SC5
Chlorine resistance**:	≤ 10 ppm	Replacement cartridge:	Item no. 102146: Cartridge SC3 Item no. 102117: Cartridge SC5
Flow rate:	11 l/min (at 3 bar and 20°C) 15 l/min (at 5 bar and 20°C)	Accessories:	Item no. 102118: Eco Connect

\* The service life depends on the user-specific water quality, the pressure conditions, the frequency of use and the flow rate required.

\*\* Continual addition of ≤10 ppm during the service life, or short-term (1h) high levels (400,000 ppm) for chemical disinfection.

\*\*\* cBlue SC should not be connected to low pressure systems (e.g. boilers).

### About Aqua free

Aqua free GmbH was founded in 1999 and has become established as one of the leading manufacturers of membrane filters. Alongside hollow fibre membrane filters our engineers are constantly working to develop other innovative hygiene solutions for drinking water installations. The needs of our clients are always at the forefront in this process. Production is carried out at our locations in Germany and Belgium and is subject to strict quality control. When producing non-medical filters we apply the same quality standards as are used for our medical filters. In this way we ensure that all our products meet the highest quality and safety requirements.

To find more products for safe drinking water visit [www.aqua-free.com](http://www.aqua-free.com)

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