

BioFilter

Technical product data sheet

The Seccua biofilter technology offers individual solutions for the reduction of unwanted substances with various options. All without the use of chemicals and without irradiation.



Our filter solution for your home

Clean drinking water is the foundation of our health. The drinking water regulations, with their guidelines, create a good basis. However, water quality can vary greatly. Limescale or other undesirable substances such as pesticides may be present in the water. This is exactly where the BioFilter comes in to play.

The Seccua BioFilter

The BioFilter reduces unwanted substances (e.g. pharmaceutical residues, pesticides, hormone-like substances and chlorine) in the water. The filter consists of a housing with a built-in refillable cartridge and two filter media (AroxBags). Depending on the local water quality, the customer can individually choose between three different filter media (AntiTox, AntiCal). Regular replacement of the filter media, which can be easily carried out by the customer, ensures consistently high water quality.

Water treatment without chemicals

The BioFilter works naturally, without the use of chemicals. The natural balance of the water is maintained. There is hardly any free, corrosive carbonic acid in the water, which would attack the piping system. With Seccua filtration, important minerals such as calcium or magnesium remain in the water even after filtration.

Pure water for your family - Seccua AroxBags

With the help of an AroxBag AntiTox, undesirable substances are reduced from your drinking water, for example:

- Disturbing taste or unpleasant odour (e.g. chlorine)
- Pesticides, herbicides, insecticides
- Drug residues and hormone-like substances
- Plasticisers
- Disinfection by-products
- Solvents

AroxBag AntiCal stabilises the existing limescale in the water. This drastically reduces limescale deposits on surfaces in the pipe network and in water heaters. Limescale that builds up dissolves again.

Possible combinations

The Seccua AroxBags, with their different media, can be combined with each other. We can check the local water quality to determine the most suitable combination for you.

The installation of an UrSpring BeWell after the Seccua BioFilter also ensures the removal of bacteria, parasites and nano particles (retention rate 99.99999 %) from the water and is therefore recommended.

What remains is clear, healthy drinking water for you and your family.

Easy to install

The BioFilter can be installed quickly and easily by any certified local plumber who is licensed, bonded and insured.



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Manufacturer:

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BioFilter

Technical data

Dimensions and weight	
Height	39.8" (1010 mm)
Diameter	8.7" (220 mm)
Weight (dry)	22 pounds (10 kg)
Operating weight	44 pounds (20 kg)

Connections and assembly	
Threaded connection	G 1 1/4" AG (PVC), G 3/4" IG (Noryl)
Quick coupling	US connection set (only for installation in the US): 2x 90° angle connector without flush opening, D15 straight extension coupling
Assembly	Standing upright, connections down, forward

Operating conditions	
Max. Operating pressure	145 psi (10 bar)
Operating temperature	39.3 - 86 °F (max. 104 °F) / 4 - 30 °C (max. 40 °C)

Filtration capacity ¹	
Continuous flow	2.6 gpm (10 l/min)
Peak flow	7.9 gpm (30 l/min)
AroxBag AntiCal	Use recommended for water hardness of 14 °dH and above

¹ Seccua always recommends a minimum 100 µm fine filter to protect the membrane. Depending on the local water quality, an automatically rinsable 1-5 µm pre-filter may be recommended. Free consultation under +1 (503) 766 5551.

Medium	
AroxBag AntiTox	Activated carbon from Coconut shells
AroxBag AntiCal	Seccua Anti-Cal Medium

Replacment	
AntiTox and AntiCal Filter-medium	79,252 gallons (300,000 litres) filtration volume per filter bag or after 2 years at the latest

Approvals and standards	
Material	All materials used that come into contact with water comply with the material regulations for this area of use (NSF 61, FDA or KTW).



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