



NEW

Adsorber technology safeliQ for hygienic water

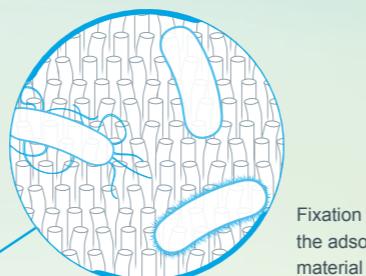
Protection against germs for excellent water quality

grünbeck

Working principle of adsorber technology for hygienic water

Step 1: Fixation

The adsorption material retains pathogenic germs permanently.



Fixation at the adsorber material

Step 2: Disinfection

Pathogenic germs are rendered harmless.



○ Legionella ○ Pseudomonads

The revolution of water hygiene

We from Grünbeck believe that everybody should have access to water of excellent quality. In this context, water hygiene plays a decisive role. Therefore, we developed a revolutionary process, which removes harmful pathogens as easily and effectively as never before: adsorption. With the new product series for anti-germ protection, we increase safety and well-being wherever you need them.

Effective protection of your well-being.

99.999 %
protection
against germs

Application

What softening is for the softness of the water, adsorption is for its hygiene. It ensures perfect and reliable water quality by reducing germs (legionella, E.coli bacteria and pseudomonads) by 99.999 %. No matter whether in your home or in a commercial or industrial environment. The safeliQ series was developed for the most versatile fields of application. As a precaution in the event of accidents or emergencies, to protect the water system from harmful pathogens or even for private water supply. Wherever the multi-barrier system of the water suppliers no longer has an impact, the safeliQ adsorbers ensure non-stop, first-rate water purity.

Function

The principle according to which the safeliQ products work is based on the example of nature. A gecko, for instance, makes use of this principle of physical adsorption as well when it climbs smooth walls. The special surface of its feed generates differences in load which allows the gecko to firmly stick to the respective ground it is walking on. The adsorption material of our safeliQ products has a similar kind of surface and retains the pathogenic germs contained in the water. Afterwards, they are rendered harmless by means of chlorine disinfection. The process works regardless of direction and at a minimum pressure loss, providing you with double safety for your water's hygiene.

Legionella, E.coli bacteria or pseudomonads are physically removed even in case of high cold or warm water demand. Depending on the field of application, the adsorption technology can be installed at various points of the water system. At the water's point of entry, in the circulation and at the withdrawal points. Depending on where you need it. Intelligent technology for more quality of life and for maintaining your health.



Adsorption system safeliQ:EA30



Adsorption

Disinfection, right where you need it

Multi-barrier system for your well-being

The Grünbeck adsorbers of the safeliQ product series, each on its own, reliably protect against harmful pathogens. Combined to a multi-barrier system, they are even more efficient. In particular in sensitive environments such as hospitals, nursing homes or public facilities, they thus provide even more safety.

For every situation, the right adsorber

Whether at the entry of the water pipe (point of entry **POE**), in the warm and cold water cycle (point of circulation **POC**) or at the withdrawal points (point of use **POU**), the adsorber technology for hygienic water adapts to your needs. Experience the advantages of hygienically safe water now – with the plug-and-play systems safeliQ:EA30 and the combined system softliQ:PA20.

Get involved in the development process

As a trendsetting customer, become a small part of something really big

Knowledge shared is knowledge squared. Therefore, we also attach great importance to the know-how and commitment of our suppliers, customers, external partners and alert users. This active and constant exchange of opinions, experiences and know-how considerably furthers the development of our innovations. Together, we work on our goal of making excellent water quality available to everyone.

Tailor-made for customers and partners

Frequently, demanding tasks can only be mastered by a team. Special requirements and challenging environments call for intensive support and close communication. As a trendsetting customer for the safeliQ adsorber technology for hygienic water, you develop – together with Grünbeck's experts – exactly the kind of solution you need. Benefit from Grünbeck's 100 % support throughout all project phases. From analysis and definition of the problem to its solution.

Together, we will develop a product that precisely meets your requirements of hygiene. Contact us and revolutionise water hygiene with us.

Open innovation process

Ensure maximum freedom for yourself and the greatest leeway possible. Based on the close cooperation with Grünbeck, you will open up new fields of application for the safeliQ hygiene technology. Grünbeck will provide a jointly developed, individual process solution. Where our plug-and-play systems such as the safeliQ:EA30 cannot be applied, we will reach our common goal of hygienically safe water by means of the open innovation process.



Individual hygienic solution



100 % support by Grünbeck



Active application development



Uncompromisingly safe

safeliQ:EA30: 99.999 % protection against germs for your water

The new safeliQ:EA30 removes harmful pathogens (pathogenic germs such as legionella, pseudomonads and E.coli bacteria) from your water by means of Grünbeck's revolutionary adsorption technology. As a result, your well-being is ensured efficiently and reliably day by day.



Removal of harmful pathogens by means of adsorption
(e.g. legionella, E.coli, pseudomonads)



Hygienic water at all times thanks to a system with two adsorbers



Daily disinfection of adsorbers

The best of both worlds

softliQ:PA20: water softening including 99.999 % protection against germs

The new softliQ:PA20 combines the intelligent technology of Grünbeck's proven water softeners with the reliable protection against germs by means of adsorption. The water softener works according to the ion exchange principle to produce the soft water characteristic for Grünbeck. The additional protection against germs provides safety for a good feeling all around.



Removal of harmful pathogens by means of adsorption
(e.g. legionella, E.coli, pseudomonads)



High-performance: soft water for 1- to 2-family homes



Communication of salt filling level and maintenance intervals by means of illuminated LED ring



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Certified by TÜV SÜD according
to DIN EN ISO 9001, DIN EN ISO
14001 and SCC^P