



EVAC

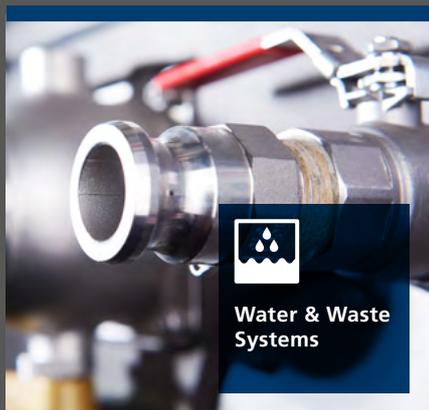
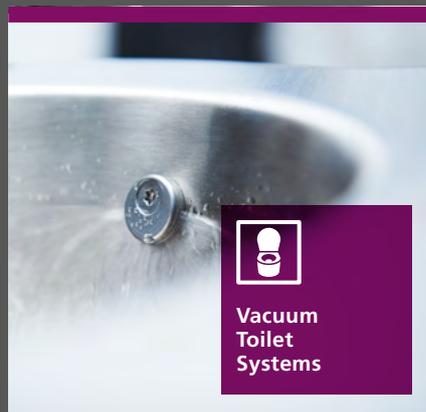
Treatment Systems



Treatment
Systems

Product Overview

The vital ingredient for truly exceptional results



- » Every single product designed to meet highest technical expectations
- » Continuous innovations and updates guarantee future-proof investments
- » All products extensively tested and tailored to our clients' specifications

Evac Treatment Systems

A boost for availability, reliability and lifespan.

System Overview

Designed and engineered as the ideal enhancement for all our vacuum toilet solutions, Evac treatment systems are just as easy to add as they are effective – no matter if they are used to upgrade existing systems or if they are integrated right at initial implementation.

All products in our treatment systems range complement each other perfectly and can be used individually as well as in combination. Their overall effect is to increase the value and lifespan of your Evac systems by making them even more robust, maintainable and sustainable. A genuine time and money saver, Evac treatment systems achieve a wide range of beneficial effects with minimal investment.

Greywater Re-Use

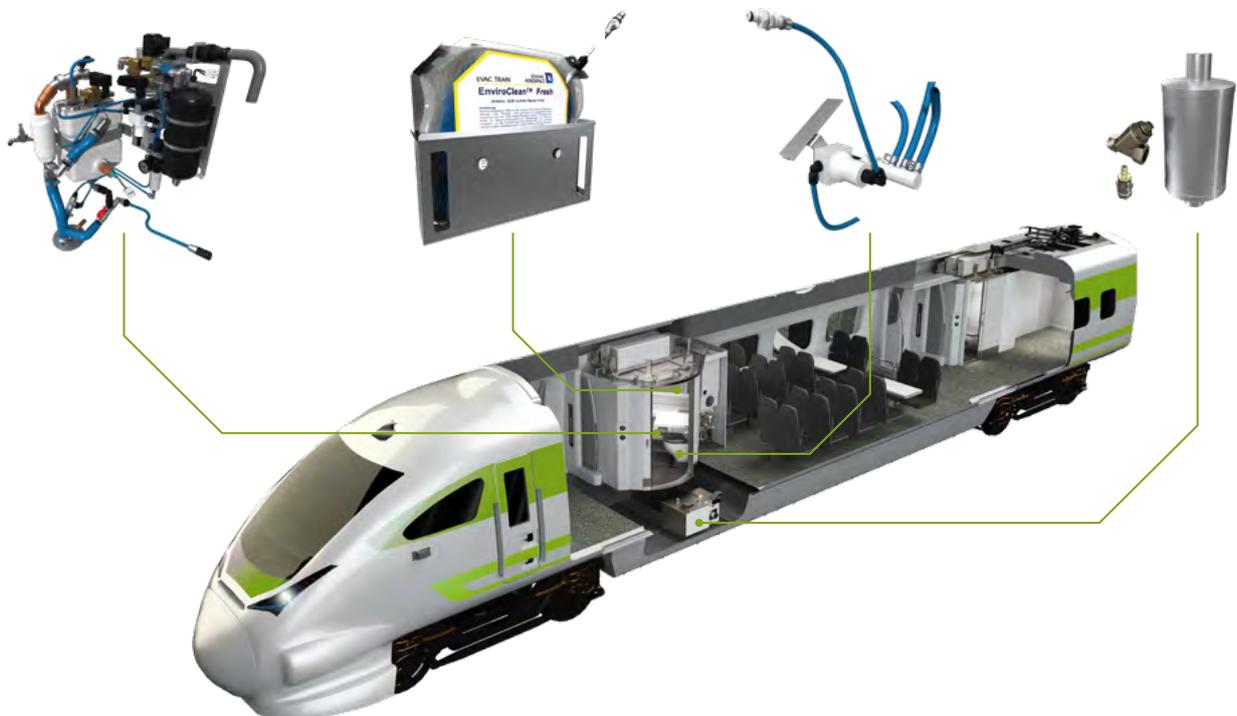
Our greywater re-use systems lower fresh water consumption significantly by adding water used for hand washing to the water available for flushing – a genuine boost for system availability, welcome especially on long routes with limited water resupply, and a significant contribution to extended sustainability and lower cost.

Air and Water Filters

Available in several versions optimized for specific purposes, our filters are perfect and reliable tools for cleaning water as well as removing undesired odors from the air. The effect of the latter can be further increased by using our Enviroclean Fresh additive – resulting in a cleaner experience and maximized customer satisfaction which has even been proven to decrease vandalism.

Additives

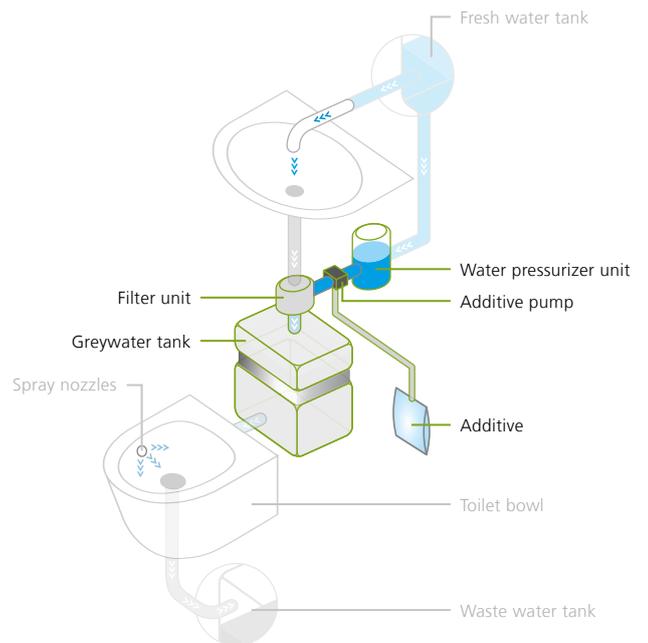
Our Enviroclean/Enviroclean Fresh additives boost hygiene as well as system longevity: When added to flush water, Enviroclean keeps pipes, valves and other toilet parts free from lime deposits so that they work both much better and much longer before replacement is needed. The effect can easily be adapted to varying degrees of water hardness.



Why to Re-Use Grey Water

By re-using grey water (e.g. after handwashing), the amount of fresh water needed for flushing can be dramatically reduced, saving one of the most valuable resources on board. The required system is easily retrofitted and allows for a markedly higher number of flushes (in cases of increased passenger numbers).

This does not only save weight (and, thus, energy consumption), it makes it also possible to go over longer intervals without replenishing stops. With EVAC treatment systems, grey water gets a “second chance” and becomes almost as valuable as fresh water.



 **Longer availability of toilet and train**

 **Easy installation/retrofitting**

 **More passengers between service intervals**

The EVAC Additive Advantage

The seamless integration of additives is a major advantage of EVAC treatment systems. As an effective protection against bacteria and lime deposits, additives such as EVAC’s own Enviroclean solution ensure both the longevity and efficiency of the entire toilet system including toilet, piping, tanks and its grey water re-use components.

Available in three variants (Standard, Fresh, and Eco), EVAC Additives enhance passenger comfort and hygiene while at the same time reducing service cost and down-times by keeping pipes and other components clean and free from lime and urine scale. Cost efficient and easy to add, EVAC additives are a powerful tool that helps you reap the full benefits of your investment.



Enviroclean Standard

Keeps the entire system free from lime and urine scale and kills bacteria, reducing unpleasant odors.



Enviroclean Fresh

Comes with the same features as Enviroclean Standard plus added lemon scent. No air freshener needed



EVAC Clean Eco

Non-biocidal additive, with lemon scent. Fit for use in combination with bioreactors.

Evac Train – Integrating Excellence



For more than 40 years, Evac solutions have been known for outstanding reliability, efficiency and low maintenance. As the world's leading provider of completely integrated sanitary systems for trains, we have been generating state-of-the-art components with "built-in" field experience of about 100,000 vacuum systems installed worldwide – and counting.

With extensive expertise and rigid quality assurance, we develop and integrate high-class components into seamless systems that, just like railways, are much more than the sum of their parts – individually tailored for the demands and conditions of vastly different markets in many countries. Introducing a maximum level of performance and stability into any system while using minimum resources and space is our day-to-day business. This is why integrating Evac is integrating excellence.



EVAC

Evac GmbH
Feldstraße 124
22880 Wedel, Germany

T +49 (0) 41 03 91 68 0
F +49 (0) 41 03 91 68 90
E evac-train@evac-train.com

www.evac-train.com
rail.knorr-bremse.com