



PFAS TREATMENT

MAKE WATER COUNT



 Pollet Water Group



PFAS Pollution, let's take up the challenge!

PFAS is the collective name for thousands of synthetic chemical compounds used in commercial and industrial settings for decades. These compounds are either not degradable in nature or degrade only minimally, accumulating in the body. High concentrations can be harmful to health leading to developmental problems, disruptions in hormone function, and an elevated risk of certain types of cancer. No one is immune to exposure, and action is needed to phase out this harmful chemical. Make Water Count is not an empty promise. With Pollet Water Group, we take up the challenge and investigated the treatment of PFAS with our residential and industrial solutions.

WHAT DO WE KNOW ABOUT PFAS?

Until now, pollution in drinking water was mostly treated by municipal drinking water companies. But more and more, we are facing challenges of which we were not previously aware. PFAS is one of the threats and is gaining importance in the water treatment business. The problem has been known for some time but only recently this type of pollution is measured by municipal water treatment companies. Complementing the efforts of municipalities, Pollet Water Group strives to manufacture & distribute safe **residential and industrial systems** to protect our loved ones from these challenges.

INDUSTRIAL PFAS TREATMENT

Thanks to our know-how and engineering skills, our experts can design and build the installations that treat the PFAS in your wastewater.

RESIDENTIAL PFAS TREATMENT

Reduce the PFAS concentration in your drinking water according to the drinking water standards with our residential solutions.



Scan to
watch our
PFAS video





Residential PFAS treatment

The presence of PFAS in residential drinking water has become a growing concern for communities around the world. Exposure to PFAS through contaminated drinking water is associated with various adverse health effects. Because PFAS is a problem that genuinely deserves a lot of attention, we at Pollet Water Group remain committed to Research & Development. Reduce the PFAS concentration in your drinking water according to the drinking water standards with our **Pallas Plus PFAS filter cartridges**. Or opt for the **residential RO systems** which are the best option for removing PFAS from drinking water, ensuring it meets safe limits.



PFAS REMOVAL RESIDENTIAL RO SYSTEMS

Our in-house-produced residential RO systems were subjected to a very high concentration of PFAS. To have the results assessed objectively, the tests were carried out with an external laboratory. This showed that the PFAS removal of RO systems scored extremely well. The residential ROs are perfectly capable of **treating PFAS to below the detection limit**. This means that water contaminated with PFAS, can be considered safe after treatment by one of our residential ROs.

PFAS TREATMENT PALLAS PLUS ULTRA FILTER CARTRIDGES

Pallas Plus cartridges are high-end single point-of-use filter cartridges. The **Pallas Plus ULTRA Cartridge** is the advanced solution for safe, great-tasting water. Its 0.2-micron filtration technology effectively **reduces PFAS, microplastics, and heavy metals** such as lead, cadmium, uranium, chromium, nickel, and arsenic. It also removes unpleasant odors and tastes, reduces chlorine, and eliminates other contaminants, delivering naturally fresh and clean water with every sip.



Industrial PFAS treatment

There are several emerging technologies for the degradation or sorption of PFAS to treat contaminated water in industrial applications. Thanks to our know-how and engineering skills, Pollet Water Group experts can advise, design, and build installations that remove PFAS from your wastewater. With a focus on the environment and cost reduction, we assist you from analysis to installation and automation. Check out one of our PFAS removal engineering projects below.



A PROJECT BY ECO-VISION

Country	Belgium 2023
Industry	Industrial Waste Solutions
Request	Removal of micropollutants from wastewater to recover the effluent from the membrane bioreactor (MBR).
Solution	2 Mobile units with triplex activated carbon filters, Closed Circuit Reverse Osmose (CCRO) - 6 to 10 m3/hour and post treatment dosing system
Results	Water efficiency of +/- 90% with the CCRO Removal efficiency of > 99% for PFAS

[Find out more on eco-vision.be](https://eco-vision.be)

A PROJECT BY HERCO

The Herco Service Package ensures PFAS-free water tailored to your requirements. The removal of PFAS from water and the destruction of PFAS molecules requires a precisely tailored solution – depending on the level of contamination, the process, and the specific application. We select the optimal treatment method based on your individual requirements.

[Find out more on hercowater.com/en/pfas-removal](https://hercowater.com/en/pfas-removal)



PFAS LABEL

The effectiveness of PFAS treatment technologies can vary depending on many factors. At PWG, it was crucial to test our different products before claiming their effectiveness in treating PFAS in drinking water. Our R&D department worked closely with an independent lab to test our various solutions, resulting in a PFAS treatment label that guarantees the effective treatment of PFAS according to European drinking water standards.

Want to know more about PFAS and the PWG PFAS removal solution? Go to pwg.be/pfas-treatment