

The logo for AQUATIEM features a stylized blue water drop icon on the left, followed by the word "AQUATIEM" in a bold, blue, sans-serif font. The background of the entire advertisement is a blue-toned image of a large body of water with several ships, overlaid with a network of glowing white lines and dots, suggesting a global or technological theme.

# AQUATIEM

*For safe  
drinking water on  
your pride and joy*

**WHETHER A YACHT OR A CONTAINER  
SHIP, AQUATIEM ENSURES THAT THE  
DRINKING WATER ON YOUR VESSEL  
IS SAFE AND CLEAN.**

AquaTiem is a product of:



**PBInternational**  
Clean and safe water

"For all your questions  
concerning water quality"

## SAFE DRINKING WATER ON SHIPS IS NOT A GIVEN



Legionella is (too) often underestimated in the maritime sector. These days, Legionella is often already controlled at potable water loading points but unfortunately, there are oftentimes still some dangerous and unsafe points in the drinking water installation on ships. We can assist you in discovering these risks, eliminating them or managing them.

The AquaTiem concept does not only involve controlling Legionella, but also aims at optimising water quality. For this, ultrafiltration is being applied. Our Legionella consultant draws up an inventory of the drinking water system and recognises the dangers. This inventory then gives rise to a Legionella management plan.

Ultrafiltration forms an integral part of this plan. UV disinfection or copper/silver ionisation are widely used for drinking water on ships nowadays. UV disinfection often leads to microbiological regrowth in the system and is therefore less effective when used for a branched-pipe system. Overall, water quality is not improved using this technique. Although copper/silver ionisation is effective, it comes with an environmental drawback. When applying this technique, heavy metals (copper and silver) are added to the water.

Ultrafiltration is a powerful technique that not only helps to control biofouling, E. coli, Enterococci and Legionella, but also assists you in obtaining top-quality drinking water.

Ultimately, ultrafiltration is generally more advantageous than the two alternatives mentioned above.

## AQUATIEM STEP-BY-STEP PLAN

- Legionella consultant carries out an RI&E
- By purifying the drinking water tank, we create a hygienic condition of zero contamination: a clean start!
- Installation of the ultrafiltration
- You will be provided with a Legionella management plan
- The water is sampled once a year for microbiological control
- Apart from the colony count, the water is also analysed for Legionella, E. coli and Enterococcus
- The non-return valves are inspected on an annual basis
- Sediment is removed from the boilers annually (only boilers >20 litres)
- Annual maintenance of the ultrafiltration (replacement filter will be stored for you)



KRNWTR+ is a social enterprise that combats the use of single-use plastic water bottles and strives for a plastic-free ocean. By installing sustainable water taps at companies, schools and catering establishments, they provide filtered, cooled and sparkling water.

Together with AquaTiem, KRNWTR+ also offers the maritime sector a safe and sustainable alternative for packaged spring water. This saves money, effort and a lot of waste.

The sustainable alternative for bottled water without unnecessary waste and transportation.



- Filtered, cooled and sparkling water
- Unique Dutch Design
- More affordable than bottled water
- Sustainable, tasty and local
- Less waste, reduced ecological footprint



The most robust water tap for safe and clean drinking water

From €69,- per month



Complement it with our local and 100% natural syrups!



These are among the companies that have opted for our solutions:



Curious about all the possibilities? Head over to [krnwtr.nl](http://krnwtr.nl)

**AQUATIEM**  
IS SYNONYMOUS WITH  
SAFE AND SUSTAINABLE  
DRINKING WATER



For more information, visit [AquaTiem.nl](http://AquaTiem.nl)



AquaTiem is a product of:



"For all your questions concerning water quality"

In collaboration with:

