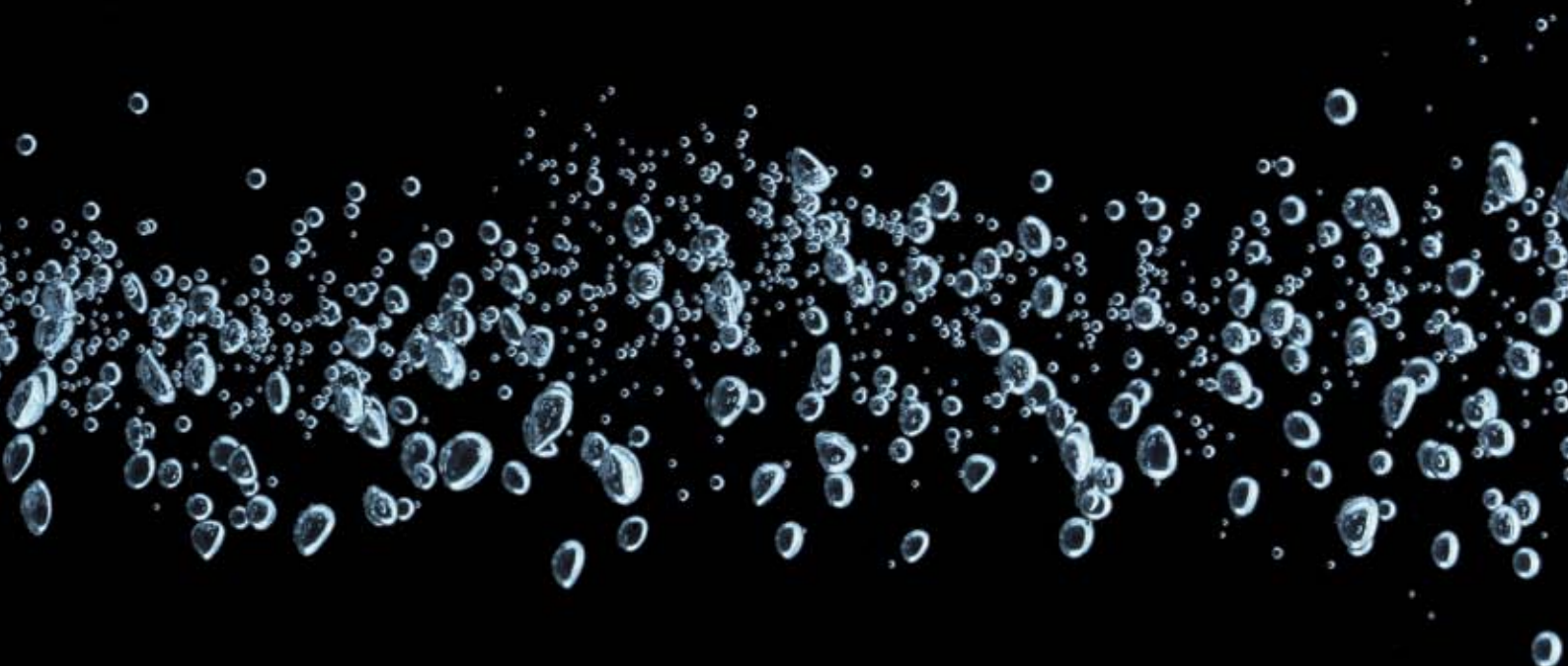


LED Water Purification System

Technology & Product Overview



Bionomix - the water purification system that's pure efficiency

Bionomix is an innovative, technology-led solution to the problem of water purification.

It's simple, easy to install and extremely effective, and it kills up to 99.95% of micro-organisms and algae in water. It also removes the need for expensive, aggressive chemicals that need to be carefully regulated and it needs much less maintenance than other light-emitting purification processes.

The **UV-led** technology is exceptionally efficient and very versatile, allowing it to be installed in a wide range of industrial, commercial and private applications.

AQUATICS

Bionomix is ideal for the aquatics industry.

It can be adjusted to suit the specific purification of water required, allowing it to be used for swimming pools, ponds, aquariums and other places where the removal of particular types of organism is essential.



Additionally because there is no start-up time - it simply switches on and off - its speed means that it is particularly beneficial in situations where it can be turned off to save energy and running costs when it's not needed.

CONSUMER APPLICATIONS

Bionomix technology offers a huge variety of solutions for the consumer market.

From drinking water to spas and fishing pools, water purity is absolutely vital and **bionomix** provides the highest quality.

It destroys virtually all of the algae and micro-organisms in the water,

including parasites and viruses, as well as bacteria, removing the overwhelming part of the colouring they leave behind.

Because it produces such clean, clear water, it is ideal for use in both domestic and industrial situations, where clarity is most readily associated with purity.

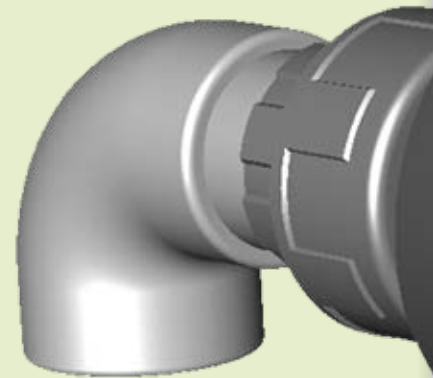
INDUSTRIAL POLLUTANTS

In industrial situations, where cost can often be the paramount factor, the **bionomix** technology is without parallel.

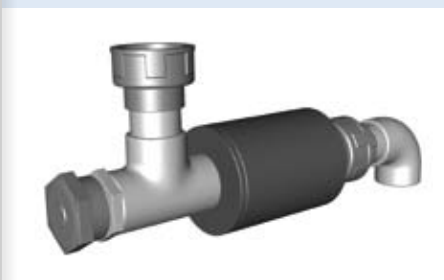
It can remove the need for costly chemical purification techniques. As well as the high price of the materials, which need to be replaced and topped up frequently, disposing of the toxic by-products of traditional chemical filtration can be extremely expensive.



The **bionomix** process solves the problem of waste - even the filters are less expensive to clean and replace.



From green to clean



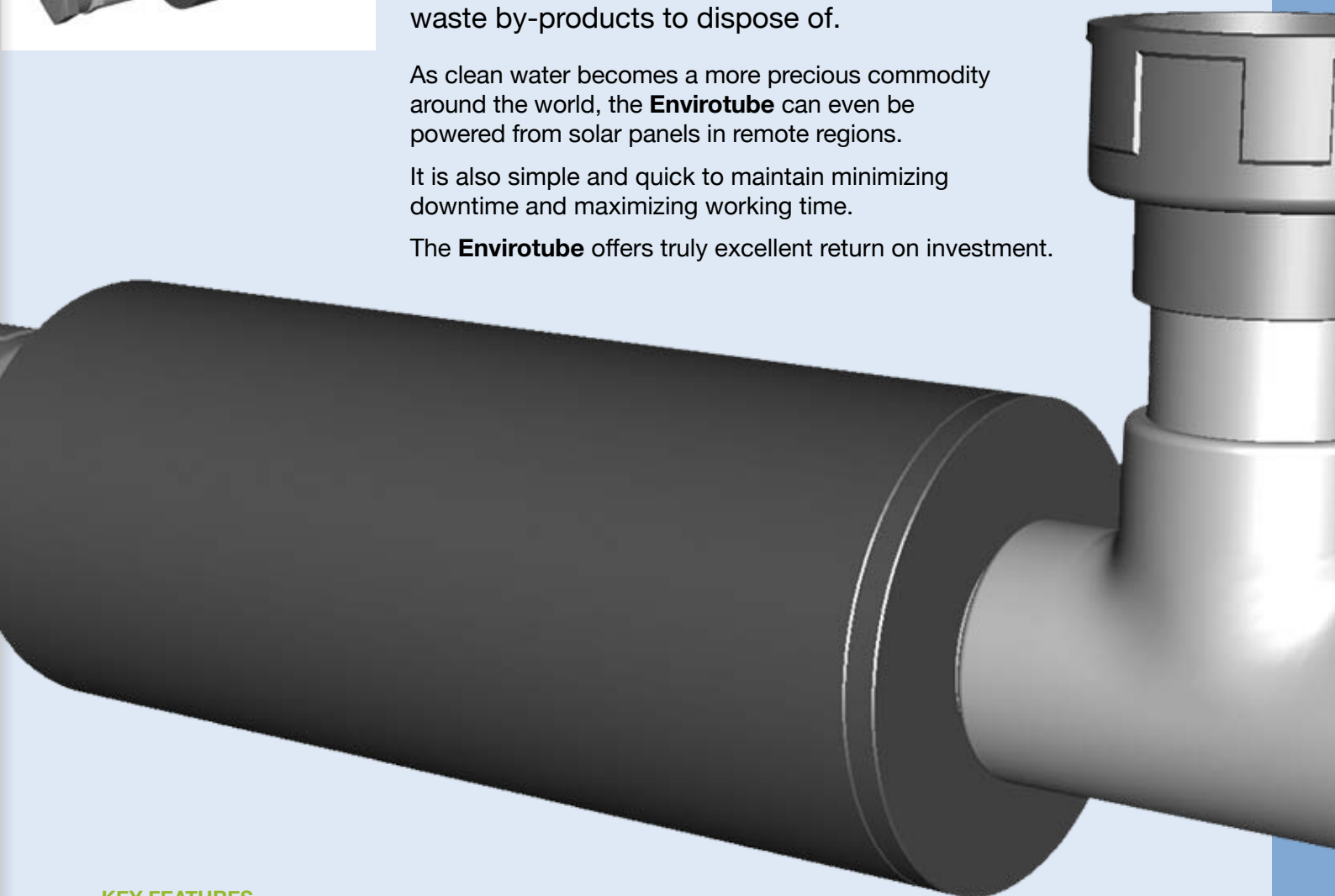
Whatever the situation, if it demands high standards of water quality, the solution is the **Envirotube**.

It's easy to adjust, it consumes significantly less power than conventional high voltage UV lamps and needs no potentially hazardous chemicals, leaving no toxic waste by-products to dispose of.

As clean water becomes a more precious commodity around the world, the **Envirotube** can even be powered from solar panels in remote regions.

It is also simple and quick to maintain minimizing downtime and maximizing working time.

The **Envirotube** offers truly excellent return on investment.



KEY FEATURES

- Treats chemical and biological contamination
- Excellent disinfection and germicidal destruction
- Controls bacteria, algae, parasites and organics
- Safe, low-cost, low voltage unit that reduces power and consumption costs
- Instant on/off for maximum effectiveness in a wide temperature range
- Compact and easy to install
- Lasts longer and is easy to maintain
- Can be installed in series or in parallel for exceptionally versatile flow control

No chemicals, just clean water

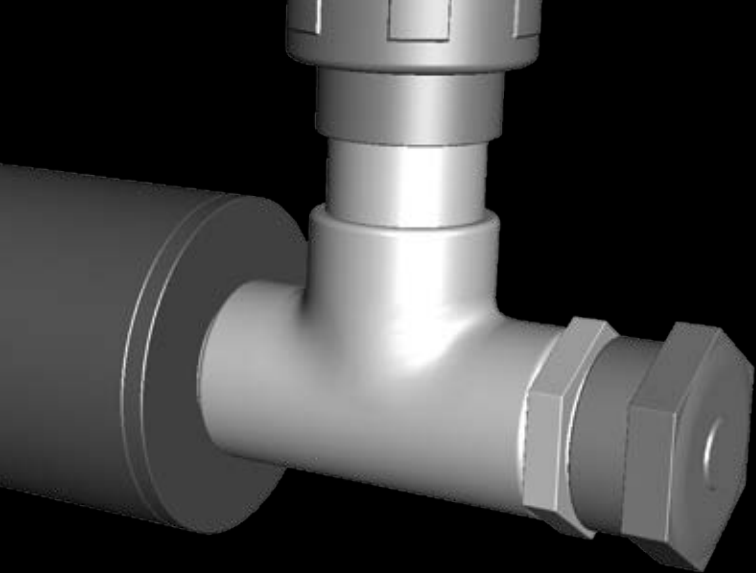
This state-of-the-art, chemical-free, environmentally friendly **UV-led** water purification system destroys organics and micro-organisms.

bionomix technology

The unique (patent pending) **bionomix** technology generates a mixture of UVa/b/c wavelengths to create a highly effective nanotechnology treatment for water purification. With incremental control of the time and power, you can easily adjust the effects to suit your requirements.

Controlled and cost effective

Because it doesn't need constant fresh supplies of expensive anti-bacterial agents, the **Envirotube** is one of the most cost-effective purification solutions available, paying for itself several times over during its lifespan.



For over 40 years, Electronicon have been leading innovators in technology.

Using our unique experience, expertise and research, we have developed a range of highly effective equipment for treating biological, chemical and toxic contamination in water.

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