

WHY DO YOU NEED A UV LED DISINFECTION SYSTEM EVEN IF YOU CANNOT SEE THE BACTERIA?

We know that water may appear clean, but many bacteria, viruses, and other pathogens are invisible to the human eye, and some can cause serious illnesses.

Below, we explain why investing in a UV LED disinfection system is important:

1

IMMEDIATE AND CONTINUOUS PROTECTION

Unlike physical filters, which only retain particles, UV LED light kills bacteria and viruses instantly by destroying their DNA. Therefore, you don't need to wait for laboratory tests or use chemicals.

2

CHEMICAL-FREE SAFETY AND NO RESIDUES

UV LED disinfection leaves no taste, odor, or toxic residues in the water.

3

COMPLIANT WITH THE STRICTEST NATIONAL REGULATIONS

UV germicidal systems help meet the most stringent national requirements regarding the bacteriological characteristics that drinking water must comply with.

4

COST SAVINGS AND LOW MAINTENANCE

Our models only operate at 100% power when water flows through. For this reason, they last a minimum of 3,000 hours and indicate their status at all times too. In "standby" mode, they use only 20% of the LED power to consume as little energy as possible, while maintaining safety.

5

PROTECTION AGAINST INVISIBLE DISEASES

Microorganisms such as E. coli, Salmonella, and Giardia can be present in water without being noticed and cause severe infections. However, our UV LED system acts as a safety barrier, as UV-C light eliminates more than 99.9% of bacteria and viruses.

6

RELIABLE TECHNOLOGY BACKED BY SCIENCE

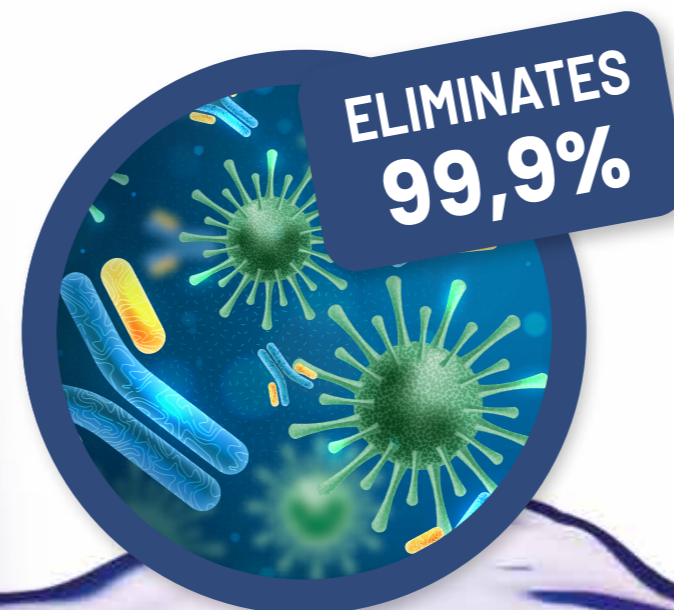
UV light has been used for decades in water purification in hospitals, treatment plants, and even by NASA.

BETTER SAFE THAN SORRY. ENSURE YOUR WATER WITH OUR UV LED TECHNOLOGY.

Our UV LED system is an investment in safety, health, and relief, ensuring that the water is truly free from harmful microorganisms.

UV LED 7 LPM

UV PURIFIER



WATER OF THE HIGHEST QUALITY.

Neutralizes bacteria present in the water, without adding chemicals.




KINGLIGHT

Ultraviolet Water System

COMBINE YOUR OSMOSIS WITH ADVANCED TECHNOLOGY

The LED UV lamp is the perfect complement to your osmosis or filtration system, removing up to 99.9% of bacteria and other pathogens from the water. Osmosis alone will provide you with high quality water. It does not affect the remineralisation process of the water, allowing you to enjoy purified water that is also rich in minerals essential to your health.



**ELIMINATES
99,9%**

**+3000
HOURS
OF
LIFESPAN**

**7
LITRES
PER
MINUTE**



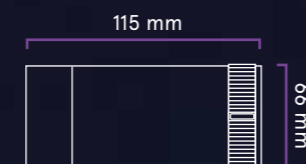
**ELIMINATES
99,9%**

-  **STERILISATION**
-  **DISINFECTION**
-  **ELIMINATION OF BACTERIA**


INTELLIGENCE AT THE SERVICE OF YOUR HOME

Over time, the quality of drinking water can be affected by contamination with harmful bacteria. KINGLIGHT UV devices are reliable, chemical-free instruments that provide an effective method of sterilising drinking water.

TECHNICAL SPECIFICATIONS	
MAIN MATERIAL	PP, Aluminum Alloy
INPUT VOLTAGE	100V-240V 50/60Hz
OUTPUT VOLTAGE	24 Vdc 1A
OPERATING TEMPERATURE	2°C - 65°C
PRESSURE	0,8 MPa
CONNECTIONS	3/8"
WORKING FLOW RATE - OSMOTIZED WATER	7L/min
DISINFECTION RATE	≥99,9 (E. Coli) @≤7 LPM
UV LED LIFESPAN	3.000h
POWER	10,5 W
IP	x7



LIGHT SIGNAL
Integrated light warning system
in three phases:

-  **Green:**
In operation.
-  **Blue:**
Standby.
-  **Red:**
End of lifespan.

THE VALUE OF SUSTAINABILITY

UV LED technology offers a more sustainable and efficient alternative to conventional UV, with benefits for both the environment and the user.



MERCURY-FREE

The UV LED system is more eco-friendly than conventional UV lamps because it does not use mercury. This is crucial, as mercury is a highly toxic heavy metal. Eliminating this element significantly reduces the risk of environmental contamination.



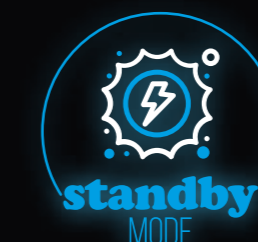
LOW CONSUMPTION

Higher energy efficiency. The low energy consumption of UV LED systems contributes to reducing the carbon footprint and long-term cost savings.



INSTANT START

Eliminating the warm-up time not only increases efficiency but also reduces unnecessary energy consumption.



STANDBY MODE

Thanks to its "standby mode," it consumes only 20%, maintaining continuous protection with minimal energy consumption.



MUCH LONGER LIFESPAN

UV LEDs have a much longer lifespan than conventional UV lamps, reducing the need for frequent replacements and, consequently, minimizing waste generation.

