KINGLIGHT
Ultraviolet Water System

WHY DO YOU NEED A UV LED DISINFECTION SYSTEM EVEN IF YOU CAN'T SEE THE BACTERIA?

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

Here's why you should invest in a UV LED disinfection system:

1

IMMEDIATE AND CONTINUOUS PROTECTION

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

2

SAFETY WITHOUT CHEMICALS AND RESIDUES

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

3

MORE STRINGENT NATIONAL LAWS

UV germicidal equipment helps to meet the most stringent national requirements for bacteriological characteristics of drinking water.

4

SAVINGS AND LOW MAINTENANCE

Our models only operate at 100% power, when the water flows through. For this reason, they last at least 3,000 hours and also indicate their status at all times. In "" they use 20% of the power of the LED, in order to consume as little as possible and at the same time maintain safety.

5

PROTECTION AGAINST INVISIBLE DISEASES

Microorganisms such as E. coli, Salmonella and Giardia can be in the water unnoticed and cause serious infections. However, our UV LED system acts as a safety barrier, because UV-C light kills more than 99.9% bacteria and viruses.

6

RELIABLE TECHNOLOGY BACKED BY SCIENCE

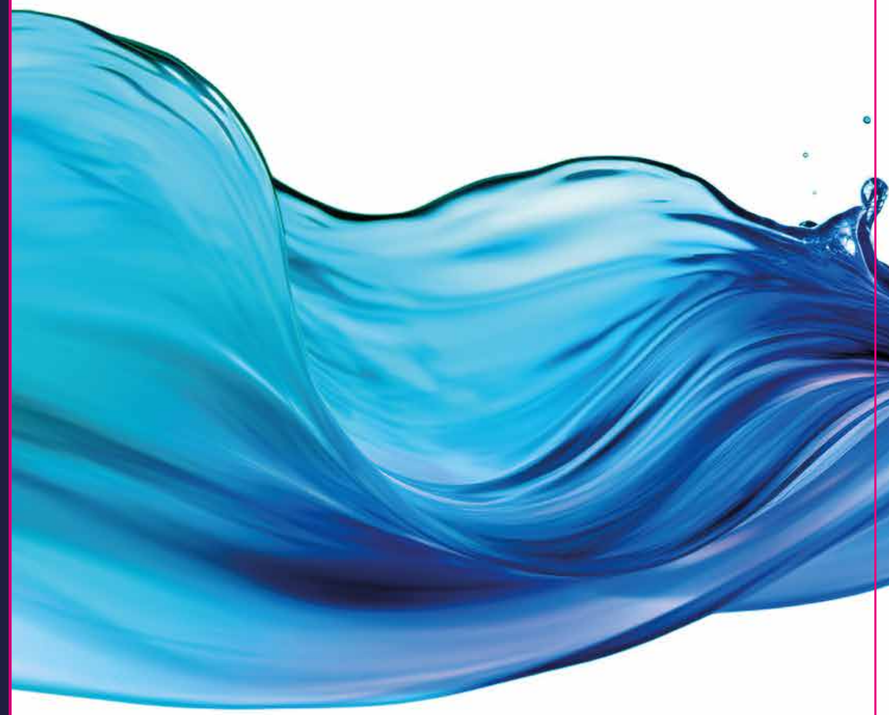
UV light has been used for decades in water purification in hospitals, treatment plants and even NASA.

OUR UV LED SYSTEM IS AN INVESTMENT IN SAFETY, ENSURING THAT THE WATER IS TRULY FREE OF HARMFUL MICRO-ORGANISMS.

WATER OF THE HIGHEST QUALITY.

Neutralises bacteria in the water without adding chemicals.

Easy installation | Chemical free | Compact Size | Sustainability | Safe water

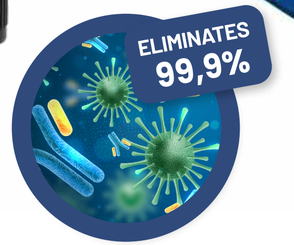


Code: 243624 Brochure UV LED Kinglight - YEar 2025 - AM

UVLED

7 LPM / 15 LPM / 25 LPM / 50 LPM

ULTRAVIOLET PURIFIER



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a KINETICO brand

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Over time, the quality of drinking water can be affected due to contamination by harmful bacteria. **KINGLIGHT UV** devices are instruments that provide a reliable and chemical-free method of sterilising drinking water.

ELIMINATES 99,9%

+3000 HOURS OF DURATION

7-50 LITRES PER MINUTE

TECHNICAL CHARACTERISTICS	7 LPM	15 LPM	25 LPM	50 LPM
MAIN MATERIAL	PP, Aluminum alloy	PP, Aluminum alloy	PP, aluminum alloy	Acero Inox 304/Aluminio
ELECTRICAL SUPPLY	100V-240V 50/60Hz	100V-240V 50/60Hz	100V-240V 50/60Hz	100V - 240V 50/60Hz
POWER	10,5 W	17W	23W	50 W
OUTPUT VOLTAGE	24 Vdc 1A	24 Vdc 1,5A	24 Vdc 2A	24 Vdc 2,5 A
WORKING TEMPERATURE	2ºC - 65ºC	2ºC - 65ºC	2ºC - 65ºC	5ºC - 55ºC
PRESSURE	0,8 MPa	0,8 MPa	0,8 MPa	2 MPa (20 bar)
CONNECTIONS	3/8"	1/2"	3/4"	BSPP 1" (G1)
WORKING FLOW OF OSMOSED WATER	7 L/min	15L/min	25L/min	50 L/min
WORKING FLOW OF FILTERED WATER 10 MICRONS	3-5 L/min	7-11 L/min	12-18L/min	37 L/min
MINIMUM FLOW REQUIRED FOR ACTIVATION	0,5L/min	2L/min	3L/min	7 L/min
STERILIZATION RATE	≥99,9 (E. Coli) @≤7 LPM	≥99,9 (E. Coli) @≤15 LPM	≥99,9 (E. Coli) @≤25 LPM	≥99,9 % (E.Coli)
SERVICE LIFE	3.000h	3.000h	3.000h	5.000h
GRADE WATER-PROOF	x7	x7	x7	X6
DIMENSIONS	115 mm, 66 mm	310 mm, 120 mm	340 mm, 140 mm	320 mm, 61,5 mm

The **UV LED** unit is an ideal complement to your osmosis or filtration system, as it sterilises the water, eliminating up to 99.9% of bacteria, viruses and other pathogens.

APPLICATIONS

Domestic sector

Horeca

Industrial sector

Laboratories

Agricultural sector

Chemical sector

LIGHT SIGNAL

Light warning system integrated in the three-stage equipment:

Green:
In operation.

Blue:
On hold.

Red:
End of life.

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 environmentally 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 pollution.

LOW CONSUMPTION

Increased energy efficiency. The low energy consumption of UV LED systems contributes to a reduced carbon footprint and longterm cost savings.

INSTANT START

The elimination of warm-up time not only increases efficiency, but also reduces unnecessary energy consumption. It does not heat the dispensed water.

STANDBY MODE

Thanks to its "standby mode", it consumes only 20%, maintaining the necessary protection continuously, with minimal energy expenditure.

LONG SERVICE LIFE

UV LEDs generally have a much longer lifetime than conventional UV lamps, which reduces the need for frequent replacements and thus the generation of waste.

#PLANET REVOLUTION