



# 25w bulb Philips 1.8 m<sup>3</sup>/h UV water sterilizer



## Product description:

Destruction of bacteria and viruses without adding chemicals!

## The main fields of application:

-Purification of raw water from local resources (wells, boreholes, ponds...)

-Water stored in reserve and then recycled for sanitary use (vats, tanks...)

-The pool water treatment

Prevents the excessive proliferation of algae from your ponds, ponds...

## Technical features:

Outside dimensions: 63 x 600 mm

All stainless steel

Weight: 1.65 Kg

Diameter of entrance and exit:  $\varnothing$  1/2 (15/21)  
"male thread"

Distance arrival / water outlet: 55 mm

Maximum pressure: 6 bars



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Maximum recommended flow rate: 1.8 m<sup>3</sup>/h - 1800 Litres per hour

**Warranty: 2 years**

Philips UV lamp:

The UV light is integrated in the body of the reactor

Lamp power: 25 W Tube SE TUV 4 p

Supply voltage: 230 V mono

Average life: 9,000 hours

Electric cabinet:

Transformer 12v independent of the reactor with led indicator operation

Power supply: 230 V / 50 Hz

Power consumption: 25 W

Important:

To optimize the effectiveness of the UV sterilizer, it is important to ensure the good quality of the water to be treated. To do this, it is strongly recommended to install one or more filters upstream, according to nature of sediments to filter.

What can make the difference

There is no microorganism known resistant to the Ultra violet, in contrast to the treatment of water with chlorine for example. The UV is known to be the most effective treatment



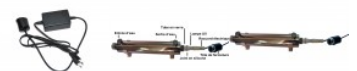
against bacteria, viruses and algae. In practice, the bacteria and viruses are the cause of many pathogenic diseases carried by water.

Of these viruses, the virus of hepatitis and Legionella showed faculties to survive treatment with chlorine for considerable periods of time, but are easily eliminated by UV treatment.

For most microorganisms, effectiveness of UV against microbiological contaminants such as bacteria and viruses is total.

The water by UV treatment is very effective (more than 99.99%) against; Salmonella (typhoid fever), salmonella enteritidis (gastroenteritis), vibrio cholerae (cholera), Mycobacterium tuberculosis (TB), Legionella pneumophila (Legionella), influenza, polio, coliform fecal and total Hepatitis.

### Product gallery:



### Product codes:

Reference: SDE-025

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