UV-C

RESIDENTIAL STERILIZERS

The sterilizers are both residential and industrial water treatment plants, whose operation makes use of the combination of microfiltration with disinfection using UV - C lamps. Ultraviolet light is an energy zone of the electromagnetic spectrum called UV and positioned between visible light and X-rays. It is a natural physical process capable of destroying pathogenic micro-organisms in very short moments and eliminating 99.99% of bacteria, molds, yeasts, protozoa and viruses, possibly present in the water.
The sterilizers comply with Ministerial Decree n.25 / 12 for materials suitable for contact with water intended for human consumption.

Features

- Equipment for the disinfection of water in domestic treatment systems;
- Compact construction, sterilization chamber in polished AISI 304, complete with 2 fixing clips diameter 2.5 ";
- Supplied with power supply and ignition unit with miniaturized electronic circuit, plug container and cable connection;
- Complete with operation signaling LED;
- Quartz lamp sheath;
- Compliant with the requirements of the CE safety regulations;
- Maximum operating pressure equal to 7 bar;
- Temperature range 2 ÷ 40 ° C;
- 230V 50 Hz power supply;
- Irradiation> 30 mJ / cm2;
- Degree of protection IP42;
- Lamp life 10,000 hours

Compliance:
- Ministerial Decree No. 174/2004
- Ministerial Decree N ° 25/2012



Code	Max. flow l/h	Lams number	W	Pipe connection	Chamber diameter mm	Length mm
NCUV325	2720	1	40	3/4 M	63,5	924

Installation example

1 - Rainwater inlet
2 - Hydraulic by-pass
3 - Clamping taps
4 - Self-cleaning filter
5 - Analysis sampling point
6 - AJ UV sterilizer
7 - Drain line
8 - Treated water outlet

