

# UV-C POOL STERILIZER

DEPURACION AGUA DATA SHEET

## L22-POOL

UV sterilizer suitable for swimming pool disinfection, with UV-C radiation at a wavelength of 254nm in AISI 316 SS housing. Equipped with two low pressure mercury lamp of 80W electrical power, contained in high quality quartz sleeve, driven by high-efficiency electronic power supply, managed by Pool Controller unit it ensures destroying of bacteria, viruses, and algae.

### REACTOR

- ❖ **Max flow rate:** 22 m<sup>3</sup>/h – 96,90 GPM initial Dose 30.000 µWsec/cm<sup>2</sup>
- ❖ **UV lamp:** 2x80W, 9.000 hr lifespan
- ❖ **Dimension:** Height 935 - Ø 114 mm
- ❖ **Working position:** Vertical / Horizontal
- ❖ **Connection:** 1 ½" threaded male
- ❖ **Max working pressure:** 10 Bar standard
- ❖ **Material:** Stainless steel AISI 316 – EN 1.4401
- ❖ **Compliance:** EN 10217-7



### CONTROL UNIT

- ❖ **Type:** Digital electronic control unit UV<sup>3</sup>
- ❖ **Dimension:** 180 x 180 x 90 mm
- ❖ **Lamp control:**
  - Lamp monitoring and lamp end of life
  - Total hours count for plant and partial resettable lamps life count
  - Lamp change counter
- ❖ **System features:**
  - Solenoid valve managing (powered relay 230 Vac)
  - Flux switch input for power lamp when water flows (optional)
  - Stand By command via "OK" button
- ❖ **Alarm:**
  - Continuous audible alarm and intermittent led for:
    - Lamp fault; lamp end of life, low Uv radiation (if sensor provided); high temperature (if sensor provided)
- ❖ **Relay:**
  - Powered relay 230 Vac
  - Free contact relay
- ❖ **Cables:** Lamp cables 1.5 mt and power cable 1.5 mt included
- ❖ **Power supply:** 230 Vac ± 10%
- ❖ **Electrical absorption:** 160W
- ❖ **Protection degree:** IP 54



## OPTIONS

- ❖ **Reactor:** Radiation and temperatura sensor
- ❖ **Power supply:** Protection degree IP 65

## PACKAGING

- ❖ **Dimension:** 2 boxes 24 x 15 x 113 cm ( W x H x D )
- ❖ **Weight:** 5,5 Kg