

# UV-C POOL STERILIZER

DEPURACION AGUA DATA SHEET

## L16-POOL

UV sterilizer suitable for swimming pool disinfection, with UV-C radiation at a wavelength of 254nm in AISI 316 SS housing. Equipped with a 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:** 16 m<sup>3</sup>/h – 70,45 GPM initial Dose 30.000 μWsec/cm<sup>2</sup>
- ❖ **UV lamp:** 1x80W, 9.000 hr lifespan
- ❖ **Dimension:** Height 935 - Ø 76 mm
- ❖ **Form factor:** “Z” shaped
- ❖ **Working position:** Vertical / Horizontal
- ❖ **Connection:** 1 ½” threaded male
- ❖ **Max working pressure:** 10 Bar
- ❖ **Material:** Stainless steel AISI 316 – EN 1.4401
- ❖ **Compliance:** EN 10217-7



### CONTROL UNIT

- ❖ **Type:** Led Pool Controller
- ❖ **Dimension:** 160 x 80 x 50 mm
- ❖ **Lamp control:** Standard single-lamp power supply
- ❖ **System features:**
  - Lamp hour button for reset
  - Led red, green and orange for full lamp monitoring
  - Flux switch input for power lamp when water flows (optional)
  - Blue led for flux water monitoring (if flow switch provided)
- ❖ **Alarm:** Continuous audible alarm for lamp fault  
Intermittent audible alarm for lamp end of life
- ❖ **Cables:** Lamp cable 1.5 mt and power cable 1.5 mt included
- ❖ **Power supply:** 230 Vac ± 10%
- ❖ **Electrical absorption:** 80W
- ❖ **Protection degree:** IP 54



### OPTIONS

- ❖ **Reactor:** Flow switch

### PACKAGING

- ❖ **Dimension:** 24 x 15 x 113 cm ( W x H x D )
- ❖ **Weight:** 3,0 Kg