

PTW 15 (Pure tap water)

Water disinfection device for disinfection of potable water.

Reduction of bacteria and pathogenic germs via UV-C (no ozone)



CHARACTERISTICS

- Significant germ reduction of more than 99 % in potable water
- Primordial water quality (ph-value, odour, savour, colour and valuable minerals) rests preserved.
- Destruction of Legionella bacteria
- Compact construction, integrated wall fastening panel
- High performance emitter with longlife technology, up to 3.000 hours of operation
- With indication of the absolute UV-C-intensity / emitter control
- Confirmed by Fresenius Institute, Taunusstein
- Also 12/24 Volt available

APPLICATION AREAS

- Drinking water supply
- Hospitals and clinics
- Pure and ultrapure water sterilisation
- Equipments for hot and cold water (prophylaxis of legionella)
- Hotels
- Great showers in Sports Clubs
- Private homes
- Water tanks (Camping, Yachting)
- Oral irrigator



YOUR BENEFITS AT A GLANCE

- **Almost complete elimination of pathogenic germs in waste water**
- Ecologically friendly, no chemicals, no remnants
- Energy efficient
- Simple assembly, simplest operation (possibility of remote control)
- Low investment and operating costs
- **No alteration of primordial water quality**
- Variable uses

FUNCTIONING

The UV-C radiation of the low pressure lamp reliably kills off bacteria and other pathogenic germs in the water.

TECHNICAL SPECIFICATIONS

Dimensions	321x114x143 mm
Input power	15W
Lamp wattage	11W
Supply voltage	230VAC +/- 10%/50 Hz
Lamp life	3.000 h
Maximum number of switching cycles/lamp	10.000
Max. water pressure	10 bar (145 PSI)
Flow rate	5 l/min
- 99,99 % elimination of E-Coli bacteria for a single pass	
- 99,9 % elimination of Legionella bacteria for a single pass	15 l/min (by changing the flow regulator)
Max. ambient temperature	40°C
Max. water temperature	60°C
Min. water temperature	10°C
Water connection	3/4" (incl. 10 mm screw connection)
Cable length	880 mm
Torgue Lamp lock-nut	12 Nm
3/4" screw connection	10 Nm
M3 cover	0,6 Nm
Safety class	1
Type of protection	IP 44