



**WaterflowControl**







# WFC-900

## UV Disinfection System



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# WFC-900

The **WFC-900** ultra-violet water disinfection unit for disinfecting drinking or process water. This model can also be sized to disinfect treated waste water, and other liquids with low UV transmission.

**Reactor:** Stainless steel reactor, horizontal mounting with outlet pointing up.

Material	Stainless steel g316L, electropolished
In-outlet connection	1" or 1 ½" male BSPT
Reactor volume (litres)	3.7 l
Reactor length overall approx. (A)	1,006 mm
Space required for servicing (B)	1,000 mm
Reactor Weight dry (kg)	2.6 kg
Max. operating pressure (bar)	5 bar
Lamp power W	105 watts
UV-C output W	36 watts
Number of lamps (per unit)	1
Lamp life	12,000 hours
Peak Flow (UVT95%, Dose 25 mJ/cm <sup>2</sup> )	8.37 m <sup>3</sup> /h
Peak Flow (UVT95%, Dose 40 mJ/cm <sup>2</sup> )	5.23 m <sup>3</sup> /h

## Features:

- Lamp parallel to water flow
- View/monitor port
- Easy to install mounting brackets

**Power Supply Box:** Different versions available all with standard 10A GPO plug and 2m lamp lead.

## Version: **PSL1B-180-DDCV**

Includes visible and audible lamp fail alarm, lamp operation countdown timer 365 - 0 days, lamp change alert, dry contacts for remote fault indication, for indoor operation only (IP21).

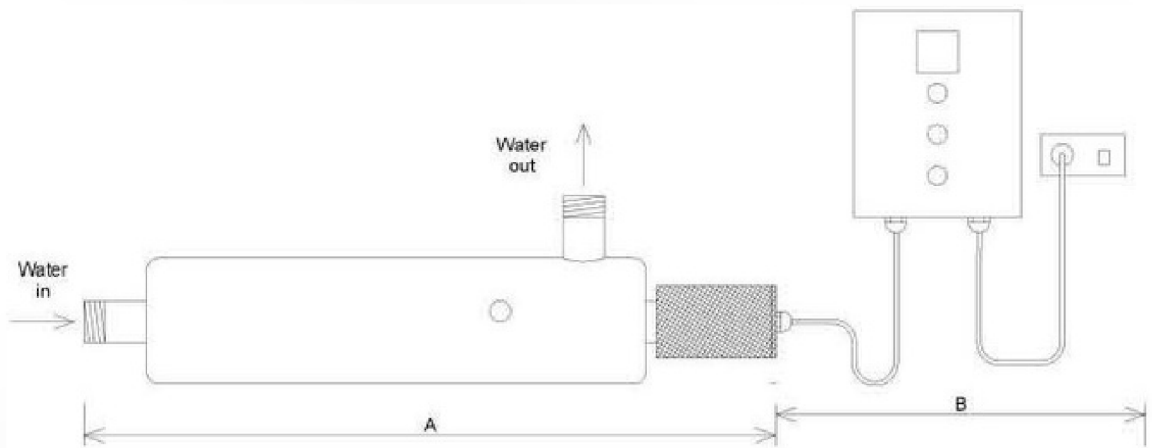
**Dimensions:** 265 x 75 x 53 mm, Weight: 1.2 kg

## Version: **PSL1B-180-A**

Input	220-240 VAC, 50-60 Hz
Power consumption W	145 watts
Operating pressure (max.)	10 bar
Power box dimensions (mm)	380 x 280 x 130 mm
Power box weight (kg)	9 kg
Power box protection class	IP65
Lamp lead length (m)	2 m

**Options:** (additional cost)

- UV intensity monitor
- Stainless steel enclosure or glass reinforced polyester enclosure
- Longer lamp lead



For Advanced UV Disinfection 1405