

ADVANCE C500

The ADVANCE UV Systems Pty Ltd, **ADVANCE C500** 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)	:	10 bar
Lamp power W	:	80 watts
UV-C output W	:	28 watts
Number of lamps (per unit)	:	1
Lamp life	:	9000 hours
Peak Flow (UVT95%, Dose 25 mJ/cm ²)	:	6.52 m ³ /h
Peak Flow (UVT95%, Dose 40 mJ/cm ²)	:	4.07 m ³ /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-080-BRK2**

Includes visible lamp operating (green) and lamp fault (red) LED indication. IP65

Dimensions: 185 x 70 x 45 mm, Weight: 1.2 kg

Version: **PSL1B-080-DDCV**

Includes visible and audible lamp fail alarm, lamp operation count down timer 365 – 0 days, lamp change alert, IP23 for indoor operation only. (IP65 protection option – extra cost)

Dimensions: 205 x 75 x 53 mm, Weight: 0.8 kg

Version: **PSL1B-080-A**

Includes power on indicator, visible and audible lamp fail alarm, hours run meter, IP65.

Dimensions: 250 x 150 x 130 mm, Weight: 4.5 kg

Options: (additional cost)

- UV intensity monitor
- Stainless steel enclosure or glass reinforced polyester enclosure
- Spare set of volt free contacts

