

ADVANCE C1800

The ADVANCE UV Systems Pty Ltd, **ADVANCE C1800** 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	:	3" Table E flange or 2" male BSPT
Reactor volume (litres)	:	8.7 l
Reactor length overall approx. (A)	:	1,315 mm
Space required for servicing (B)	:	1,300 mm
Reactor Weight dry (kg)	:	11.3 kg
Max. operating pressure (bar)	:	10 bar
Lamp power W	:	180 watts
UV-C output W	:	57 watts
Number of lamps (per unit)	:	1
Lamp life	:	12,000 hours
Peak Flow (UVT95%, Dose 25 mJ/cm ²)	:	20.2 m ³ /h
Peak Flow (UVT95%, Dose 40 mJ/cm ²)	:	12.6 m ³ /h

Features:

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

Version: **PSL1B-180-DDCV**

Includes visible and audible lamp fail alarm, lamp operation count down timer 365 – 0 days, lamp change alert, volt free contacts for remote indication of fault, 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	:	200 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

