

## ADVANCE C1700

The ADVANCE UV Systems Pty Ltd, **ADVANCE C1700** 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	:	2" male BSPT
Reactor volume (litres)	:	4.7 l
Reactor length overall approx. (A)	:	1,315 mm
Space required for servicing (B)	:	1,300 mm
Reactor Weight dry (kg)	:	8 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 <sup>2</sup> )	:	14.6 m <sup>3</sup> /h
Peak Flow (UVT95%, Dose 40 mJ/cm <sup>2</sup> )	:	9.1 m <sup>3</sup> /h

Features:

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

**Power Supply Box: PSL1B-180-A**, painted mild steel with standard 10A GPO plug

Input	:	220-240 VAC, 50-60 Hz
Power consumption W	:	200 watts
Max. ambient temperature ( °C.)	:	40°C
Power box dimensions (mm)	:	380 x 280 x 130 mm
Power box weight (kg)	:	7 kg
Power box protection class	:	IP65
Lamp lead length (m)	:	2 m

Options: (additional cost)

- UV intensity monitor
- Higher IP rating
- Enclosure material 316ss, or glass reinforced polyester
- Longer lamp lead
- Chamber thermostat with solenoid valve for over-temperature protection

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

