

ADV C4500

The ADVANCE UV Systems Pty Ltd, **ADV C4500** 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, electro-polished
In-outlet connection	:	3" (80mm) Table E flange
Reactor volume (litres)	:	9
Reactor length overall approx. (mm)	:	1520 mm
Space required for servicing	:	1500 mm
Reactor Weight dry (kg)	:	18
Max. operating pressure (bar)	:	10 bar
Lamp power W	:	450
UV-C output W	:	157
Number of lamps (each unit)	:	1
Lamp life	:	12,000 hours
Peak Flow (UVT95%, Dose 25 mJ/cm ²)	:	44.0 m ³ /h
Peak Flow (UVT95%, Dose 40 mJ/cm ²)	:	27.5 m ³ /h

Features:

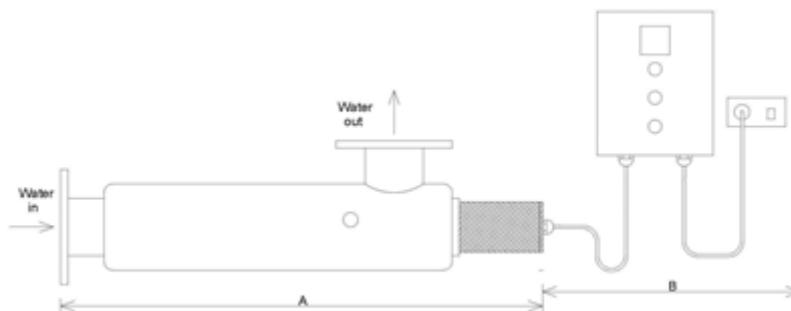
- Lamp parallel to water flow
- View/monitor port
- Easy to install mounting brackets

Power Supply Box: PSL1B-450-A Fan cooled, painted mild steel with standard 10A GPO plug

Input	:	220-240 VAC, 50-60 Hz, 2.7A
Power consumption W	:	500 watts
Max. ambient temperature (°C.)	:	40°C
Power box dimensions (mm)	:	400 x 300 x 200 mm
Power box weight (kg)	:	11 kg
Power box protection class	:	IP54
Lamp lead length (m)	:	2 m

Options: (additional cost)

- UV intensity monitor
- Spare set of volt free contacts
- Higher IP rating
- Enclosure material 316ss, or glass reinforced polyester
- Longer lamp lead
- Different mains supply
- Chamber thermostat with solenoid valve for over-temperature protection



For Advanced UV Disinfection
1405

