



# P-Series<sup>TM</sup>

Commercial

**Versatile UV Water Disinfection  
for Aquaculture and Industrial  
applications of all sizes.**

UV Guard's P-Series is a highly durable and versatile UV disinfection system for saline waters, thermal fluids and corrosive liquids. It is ideal in situations when preserving marine life is important, providing reliable disinfection and pathogen protection in small to large saltwater aquaculture applications, as well as use with corrosive fluids.



## Applications



Aquaculture



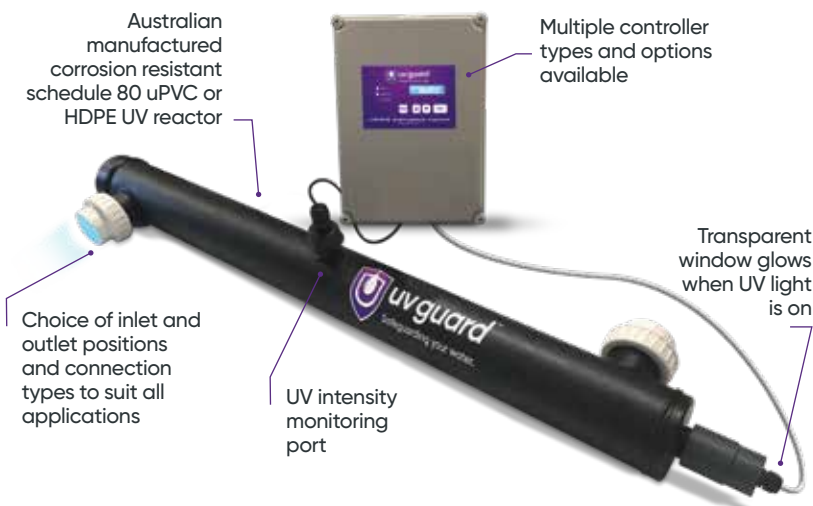
Aquatics



Industrial &  
Manufacturing

## Key Features

- **Australian manufactured** – a fully customisable and quality ensured product.
- **Zero harmful by-products**, chemical free and environmentally friendly.
- **Proven performance and flexibility** – can be used to disinfect total inflow, recirculation flow and effluent across a range of applications.
- **Durable, corrosion and electrolysis-resistant** schedule 80 uPVC and HDPE UV reactors.
- **Optional controller features** – you choose exactly what you need – indoor or weatherproof, lamp safety devices, UV intensity monitoring, over temperature protection and more.
- **Easy connection to existing plumbing infrastructure** with a choice of industry standard inlet and outlet connections in different configurations.



## Models & Specifications

Model	Flow Rate@ 30mJ/cm <sup>2</sup>	Flow Rate @250mJ/cm <sup>2</sup>	Inlet/Outlet
P20	1.39 m <sup>3</sup> /hr	0.17 m <sup>3</sup> /hr	2" Socket
P30	2.14 m <sup>3</sup> /hr	0.26 m <sup>3</sup> /hr	2" Socket
P40	2.92 m <sup>3</sup> /hr	0.36 m <sup>3</sup> /hr	2" Socket
P55	3.92 m <sup>3</sup> /hr	0.48 m <sup>3</sup> /hr	2" Socket
P75	5.84 m <sup>3</sup> /hr	0.71 m <sup>3</sup> /hr	2" Socket
P105	7.67 m <sup>3</sup> /hr	0.92 m <sup>3</sup> /hr	2" Socket
P80	10.6 m <sup>3</sup> /hr	1.28 m <sup>3</sup> /hr	2" Union
P125	16.83 m <sup>3</sup> /hr	2.02 m <sup>3</sup> /hr	2" Union
P172	18.09 m <sup>3</sup> /hr	2.18 m <sup>3</sup> /hr	2" Union
P160	27.53 m <sup>3</sup> /hr	3.31 m <sup>3</sup> /hr	2" Union
P245	34.59 m <sup>3</sup> /hr	4.16 m <sup>3</sup> /hr	2" Union
P1-440	102.41 m <sup>3</sup> /hr	12.29 m <sup>3</sup> /hr	3" Flange
P2-440	208.6 m <sup>3</sup> /hr	25.04 m <sup>3</sup> /hr	4" Flange
P3-440	312.9 m <sup>3</sup> /hr	37.55 m <sup>3</sup> /hr	4" Flange
P4-440	382.67 m <sup>3</sup> /hr	45.92 m <sup>3</sup> /hr	6" Flange

## A smart solution for Aquaculture



### Aquaculture

- **Safeguards all fish species from pathogens** including bacteria, viruses, protozoa and fungi.
- **Minimise antibiotic use** in fish farms whilst reducing operational costs.
- **Safely increase fish densities** by mitigating contamination risks.
- **Easily retrofitted** to help maximise yields in existing fish farm infrastructures.
- **Improve production stability** by controlling fluctuations in micro-biological conditions.