



X-SeriesTM

Commercial

Compact UV disinfection for large-flow Commercial and Industrial applications.

UV Guard's X-Series offers a range of highly customisable WaterMark-certified UV disinfection systems. Designed for long life with low maintenance, units are ideal for liquids with low UV Transmittance (UVT), high UV dose requirements and large flows (5,00m³/hour and beyond). Suitable for an extensive range of commercial and industrial applications.

Applications



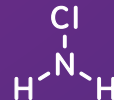
Agriculture & Horticulture



Aquaculture



Aquatics



Chlorine & Chloramine Destruction



Drinking Water



Food & Beverage



Industrial & Manufacturing



Medical & Pharmaceutical



Mining



Ozone Destruction



Rainwater



Stormwater

TOC

Total Organic Carbon Reduction



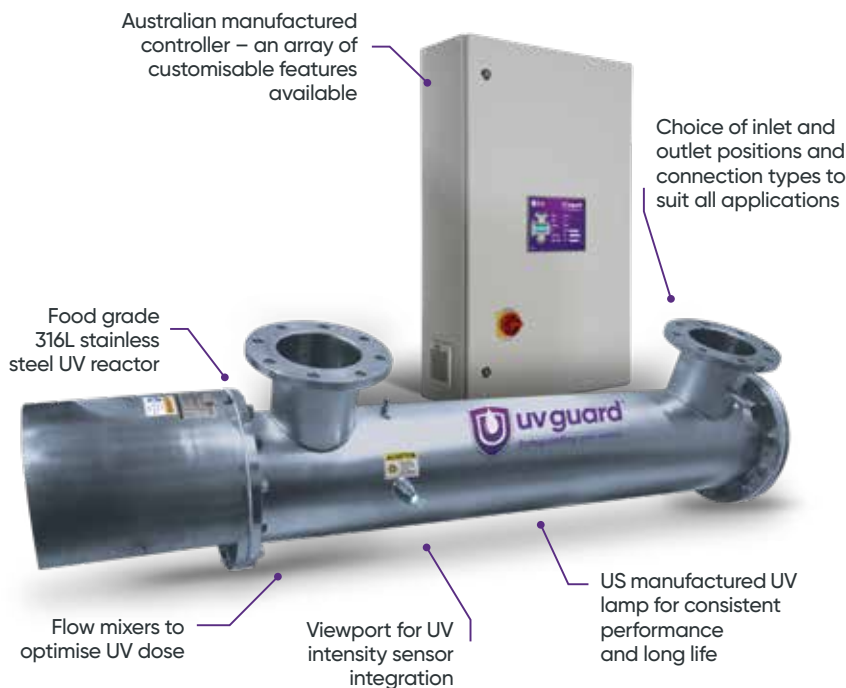
Warm Water & Legionella



Wastewater

Key Features

- **Australian WaterMark-certified** 316L grade stainless steel UV reactor.
- **Australian manufactured PLC** – commercial industry standard with an array of customisable options.
- **Up to 16,000 hours operational lamp life** with UVG LongerLife UV Lamps outlasting standard UVC lamps by up to 77%.
- **Reduced running costs** with UV reactor precisely configured to maximise efficiency and performance.
- **Maximum flexibility** with an extensive range of single and multiple lamped systems with an array of inlet and outlet connection sizes and types.
- **Space optimised design** allows disinfection of total flow to be achieved through a single reactor, reducing footprint requirements and plumbing infrastructure costs.



Models & Specifications

Model	Flow Rate@ 30mJ/cm ²	Flow Rate @40mJ/cm ²	Inlet/Outlet
X1-160	41 m ³ /hr	31 m ³ /hr	3" PN16 Flange
X2-160	69 m ³ /hr	52 m ³ /hr	3" PN16 Flange
X3-160	100 m ³ /hr	75 m ³ /hr	4" PN16 Flange
X4-160	131 m ³ /hr	99 m ³ /hr	4" PN16 Flange
X1-245	53 m ³ /hr	40 m ³ /hr	3" PN16 Flange
X2-245	92 m ³ /hr	69 m ³ /hr	3" PN16 Flange
X3-245	135 m ³ /hr	101 m ³ /hr	4" PN16 Flange
X4-245	176 m ³ /hr	132 m ³ /hr	4" PN16 Flange
X1-440	88 m ³ /hr	66 m ³ /hr	4" PN16 Flange
X2-440	133 m ³ /hr	100 m ³ /hr	4" PN16 Flange
X3-440	200 m ³ /hr	150 m ³ /hr	4" PN16 Flange
X4-440	349 m ³ /hr	262 m ³ /hr	6" PN16 Flange
X5-440	588 m ³ /hr	441 m ³ /hr	8" PN16 Flange
X6-440	682 m ³ /hr	512 m ³ /hr	8" PN16 Flange

“ I would recommend UV Guard as a supplier of quality, dependable UV equipment with excellent back up service and support. The UV Guard equipment is an integral part of our Quality Management System and HACCP program to ensure a safe, quality product is continuously produced in our bottling plants. ”

**Bruce Taylor – National Technical Manager,
Nu-Pure Beverages**