



S-SeriesTM

Commercial

Versatile UV water disinfection for moderate-flow Industrial and Commercial applications.

UV Guard's S-Series is a robust, WaterMark-certified UV water disinfection system.

With 26 models and a series of highly-customisable features, it offers an extremely versatile solution for industrial and commercial applications with flows up to 50m³/hour.

Applications



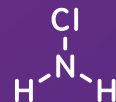
Agriculture & Horticulture



Aquaculture



Aquatics



Chlorine & Chloramine Destruction



Drinking Water



Food & Beverage



Industrial & Manufacturing



Medical & Pharmaceutical



Mining



Ozone Destruction



Rainwater



Stormwater

TOC

Total Organic Carbon Reduction



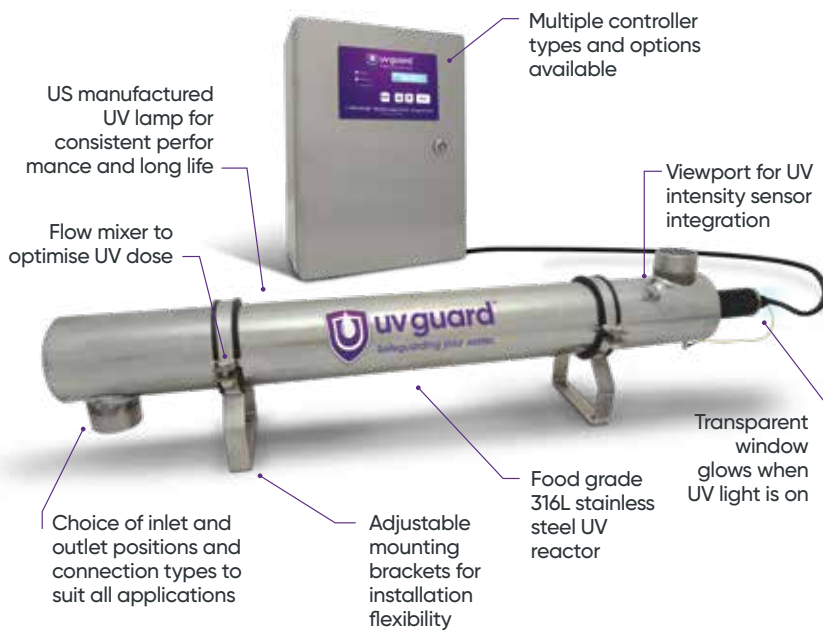
Warm Water & Legionella



Wastewater

Key Features

- **Certified to Australian WaterMark** (Level 1).
- **Robust and durable food grade 316L stainless steel UV reactor.**
- **Multiple inlet and outlet options to suit any application** – BSP, sanitary or flanged in L or Z shape configuration.
- **American manufactured UV lamp types for different uses** – Low Pressure, Low Pressure High Output, Low Pressure Amalgam and ozone producing.
- **Internal flow mixer** – optimises UV exposure of all liquid passing through UV reactor.
- **Optional controller features** – you choose exactly what you need – indoor or weatherproof, UV lamp safety devices, UV intensity monitoring, supervisory controller integration and more.
- **Convenient view port and transparent lamp lead window** for UVi sensor integration and visual UV lamp inspection.
- **Adjustable mounting brackets** – maximises installation flexibility – UV reactor can be rotated 180 degrees.



Models & Specifications

Model	Flow Rate@ 30mJ/cm ²	Flow Rate @40mJ/cm ²	Inlet/Outlet
S20	0.52 m ³ /hr	0.39 m ³ /hr	½", ¾" BSPT
S30	1.35 m ³ /hr	1.01 m ³ /hr	¾", 1" BSPT
S40-62	2.19 m ³ /hr	1.64 m ³ /hr	1" BSPT
S40-76	2.94 m ³ /hr	2.2 m ³ /hr	1", 1½" BSPT
S40X2	5.64 m ³ /hr	4.23 m ³ /hr	2" BSPT
S55	4.86 m ³ /hr	3.64 m ³ /hr	1" BSPT
S75	6.47 m ³ /hr	4.85 m ³ /hr	1", 1½" BSPT
S80	5.67 m ³ /hr	4.25 m ³ /hr	2" BSPT
S80-100	8.66 m ³ /hr	6.49 m ³ /hr	2" BSPT
S80X2	11.35 m ³ /hr	8.51 m ³ /hr	2" BSPT
S105	8.27 m ³ /hr	6.2 m ³ /hr	1", 1½" BSPT
S125	9.07 m ³ /hr	6.8 m ³ /hr	2" BSPT
S125-100	13.74 m ³ /hr	10.3 m ³ /hr	2" BSPT
S125X2	18.14 m ³ /hr	13.6 m ³ /hr	2" BSPT
S172	12.28 m ³ /hr	9.21 m ³ /hr	2" BSPT
S172-100	18.6 m ³ /hr	13.95 m ³ /hr	2" BSPT
S172X2	24.54 m ³ /hr	18.4 m ³ /hr	2" BSPT
S160	14.63 m ³ /hr	10.97 m ³ /hr	2" BSPT
S160-100	22.2 m ³ /hr	16.65 m ³ /hr	2" BSPT, 3" PN16 Flange
S160X2	29.26 m ³ /hr	21.94 m ³ /hr	2" BSPT
S160-100X2	44.4 m ³ /hr	33.3 m ³ /hr	3" BSPT
S245	16.82 m ³ /hr	12.61 m ³ /hr	2" BSPT
S245X2	33.63 m ³ /hr	25.22 m ³ /hr	2" BSPT
S245-100	35.14 m ³ /hr	26.36 m ³ /hr	2" BSPT, 3" PN16 Flange
S245-100X2	70.28 m ³ /hr	52.71 m ³ /hr	3" BSPT
S440	45.14 m ³ /hr	33.85 m ³ /hr	3" PN16 Flange

“ We use UV Guard’s S-Series on our warm water systems which are commonly installed in locations that house residents with lowered immune systems. The UV Disinfection Systems act as a barrier against Legionella – inactivating the bacteria to minimise legionnaires disease being contracted. We find these systems easy to install and UV Guard’s pre and post-sale support is second to none. ”

Daniel Dillenbeck,
Warm Water Treatment System Manufacturer