



# Armour Range<sup>TM</sup>

Commercial

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

UV Guard's Armour Range is the most compact UV water disinfection system in its class. Suitable for high pressure installations, it offers a robust solution for industrial and commercial applications.

## Applications



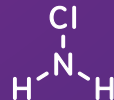
Agriculture & Horticulture



Aquaculture



Aquatics



Chlorine & Chloramine Destruction



Drinking Water



Food & Beverage



Industrial & Manufacturing



Medical & Pharmaceutical



Mining



Ozone Destruction



Rainwater



Stormwater

TOC

Total Organic Carbon Reduction



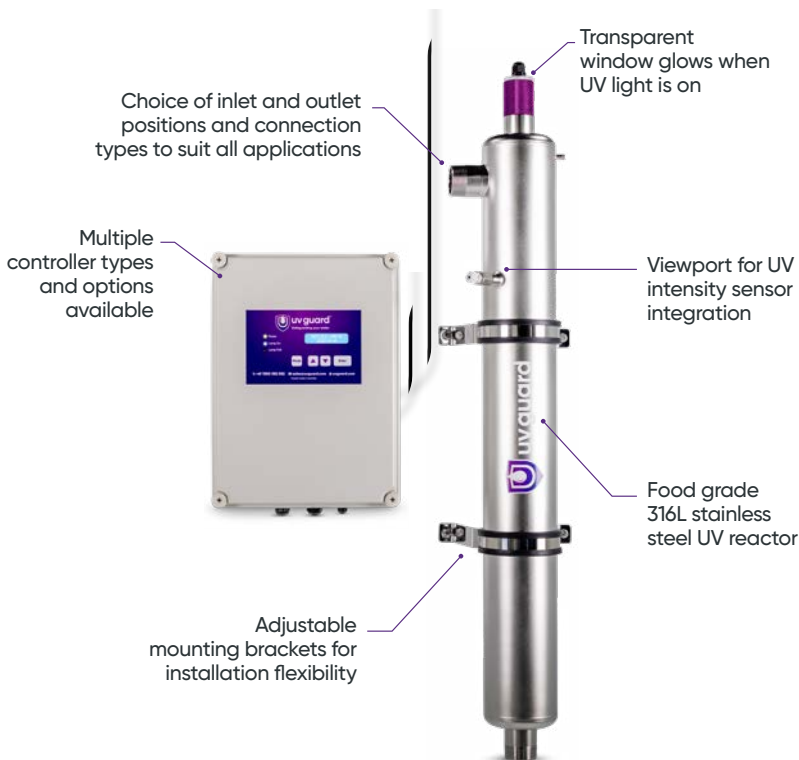
Warm Water & Legionella



Wastewater

## Key Features

- **Certified to Australian WaterMark** (Level 1).
- **Improved UV reactor finish** glass-bead blasted then electro-polished.
- **Perfect for higher pressure installations** up to 16 bar.
- **Multiple inlet and outlet options to suit any application** – BSP, sanitary or flanged in L or Z shape configuration.
- **Systems utilise latest technology low pressure UV lamps** – shorter UV lamps generate more power and increased efficiency.
- **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 viewport and transparent lamp lead window** for UV sensor integration and visual UV lamp inspection.
- **UV reactor IP65 rated** – minimises damage caused by harsh installation environments.



## Models & Specifications

Model	Flow Rate@ 30mJ/cm <sup>2</sup>	Flow Rate@ 40mJ/cm <sup>2</sup>	Inlet/Outlet
ARM1	0.87 m <sup>3</sup> /hr	0.65 m <sup>3</sup> /hr	½" BSPT
ARM2	3.02 m <sup>3</sup> /hr	2.26 m <sup>3</sup> /hr	1" BSPT
ARM3	5.27 m <sup>3</sup> /hr	3.95 m <sup>3</sup> /hr	1" BSPT
ARM4	7.22 m <sup>3</sup> /hr	5.41 m <sup>3</sup> /hr	1" or 1½" BSPT
ARM6	10.01 m <sup>3</sup> /hr	7.51 m <sup>3</sup> /hr	1½" or 2" BSPT
ARM7	12.52 m <sup>3</sup> /hr	9.39 m <sup>3</sup> /hr	1½" or 2" BSPT
ARM9	14.88 m <sup>3</sup> /hr	11.16 m <sup>3</sup> /hr	2" BSPT
ARM11	18.69 m <sup>3</sup> /hr	14.02 m <sup>3</sup> /hr	2" BSPT
ARM12	20.11 m <sup>3</sup> /hr	15.08 m <sup>3</sup> /hr	2" BSPT
ARM16	26.54 m <sup>3</sup> /hr	19.91 m <sup>3</sup> /hr	2" BSPT
ARM25	40.76 m <sup>3</sup> /hr	30.57 m <sup>3</sup> /hr	3" Tabel E