



UVG SLT80, SLT125, SLT172

UVG SLT40, SLT75

UVG SLT30

UVG SLT2

UVG SLT1

## SLT-Series™

Protect your water from pathogens and disease with the UV-Guard SLT-Series.

The SLT-Series is a cost effective and high performing UV disinfection system able to provide recommended UV dose rates at flows of up to 288 litres per minute, from 'under the sink' applications to 'whole of house', small business installations and more.

Flow rates are calculated using complex UV dosage programs and are based on the requirements of the Austrian, German and USA NSF 55 'Class A' UV water disinfection standards.

Free UV transmittance (UVT) testing performed on request to ensure correct system is specified\*.

### Protect:

- Family members from E.coli, Giardia and Cryptosporidium contained within tanks and drinking water supplies.
- Fish from disease and prevent algae growth within your pond.
- Pool users from bacteria and viruses, eliminate algae, reduce chlorine use by up to 90% and create a more pleasant experience.
- Residents from Legionella found within warm water systems.
- Products from bacteria, viruses, spores, yeast and mould.
- Any other water user or water using process where disinfection is required.

## Benefits

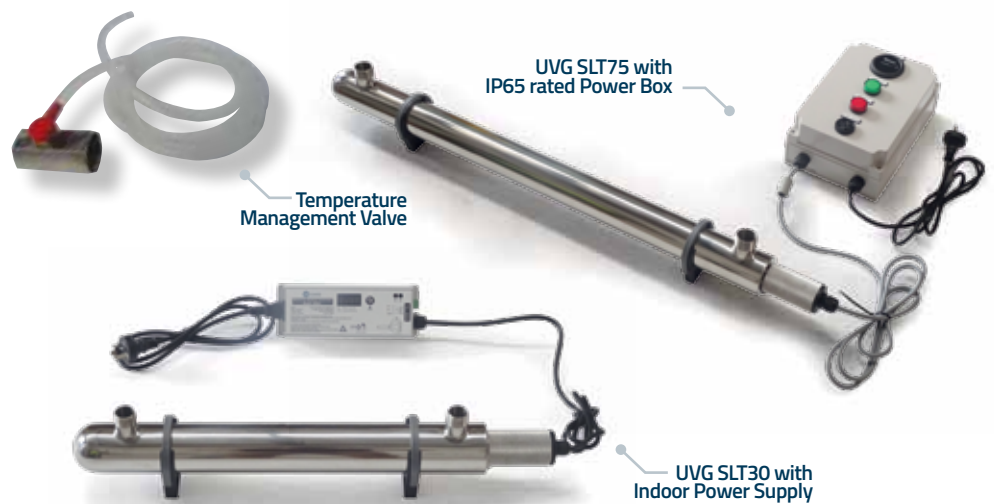
- No micro-organism is known to be immune to UV - even the chlorine resistant Giardia and Cryptosporidium
- Economical and efficient operation – disinfecting at the point of use, no contact time required
- No harmful by-products – chemical free, no impact on taste and no corrosion problems
- No risk of overdosing – reducing the risks associated with chemical overdosing
- Easy maintenance – lamp can be replaced easily without interrupting water flow
- Proven performance and flexibility – system designed according to application and project requirements
- Peace of mind – power supplies show when lamp is in operation and audibly alerts any faults

## Options

- Lamp life run counter and alert – to indicate when the lamp needs replacing
- Volt free contacts - for remote system status indication
- Industrial IP rated outdoor power boxes and indoor power supplies – customised to suit your requirements
- Temperature management valves

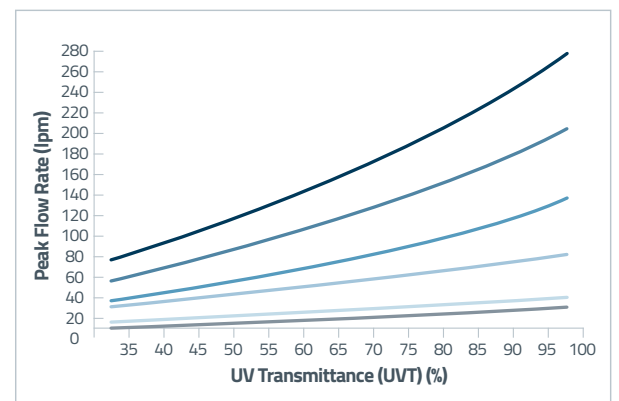
## Standard Features

- High quality 316 grade stainless steel reactor\*\* – ensures longevity of the system
- BSP threaded connections on same side – for ease of connection to plumbing infrastructure
- Easy to install brackets – chambers securely snap into position
- Lamp fail alarm – alerts user and prevents untreated water from being consumed
- Innovative high output, low pressure UV lamps – target UV dose is maintained throughout lamp life
- Pure fused quartz sleeves – allows optimum UV output from the lamp to the water
- Lamps parallel to water flow – water disinfected from chamber entry point to exit



Model	Flow rate per UV Dose figure***		Connection	Lamp Power (W)	Dimensions (cm)
	40mJ/cm <sup>2</sup>	30mJ/cm <sup>2</sup>			
UVG SLT1	5 lpm	6 lpm	1/4" male BSP	10	28l x 5.1w
UVG SLT2	9 lpm	12 lpm	1/4" male BSP	14	39l x 6.3w
UVG SLT30	25 lpm	34 lpm	3/4" male BSP	30	60l x 6.3w
UVG SLT40	35 lpm	46 lpm	1" male BSP	40	99l x 6.3w
UVG SLT75	70 lpm	92 lpm	1" male BSP	80	99l x 6.3w
UVG SLT80	106 lpm	141 lpm	2" male BSP	80	99l x 9w
UVG SLT125	160 lpm	212 lpm	2" male BSP	127	99l x 9w
UVG SLT172	216 lpm	288 lpm	2" male BSP	172	99l x 9w

## SLT-Series peak flow rates vs UVT graph for 40 mJ/cm<sup>2</sup>



\*UVT testing provided free of charge following a system order. \*\*SLT1 and SLT2 chambers are made from 304 stainless steel. \*\*\*Approximate flow rates calculated using 'UVCalc' software and are based on a UV transmittance (UVT) of 85% and a UV dose at the end of lamp life.

● SLT30 ● SLT40 ● SLT75 ● SLT80 ● SLT125 ● SLT172