

SLT-Series[™]

Protect your home water from pathogens and disease with the **UV-Guard SLT-Series™**

The SLT-Series is a cost effective and high performing UV water disinfection system. With 8 models in the range and options to allow indoor and outdoor installation, the SLT-Series is ideal for under sink, whole of house, swimming pool and pond clarification uses.

Applications

- **Drinking Water Disinfection** under the sink drinking water disinfection, safeguard your drinking water supplies from pathogens and disease.
- Whole of House Water Disinfection ensure that your potable water supply is free from E.coli, Giardia and Cryptosporidium.
- **Pond Clarification** protect your fish from disease, prevent algae growth and keep your pond crystal clear all year around.
- **Swimming Pool Treatment** destroy bacteria and viruses, eliminate algae, reduce Chlorine use by 90% and create a safer environment for your family.
- Any other application where water disinfection is required.









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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.

Standard Features

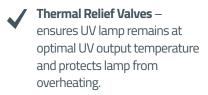
- High quality 316 grade stainless steel reactor ensures longevity of the system.*
- BSP threaded connections on same side for ease of connection to plumbing infrastructure.
- Easy to install brackets chambers securely snap into position.
- **Lamp fail alarm** alerts user and prevents untreated water from being consumed.
- Innovative high output, low pressure UV lamps target UV dose is maintained throughout lamp life.
- Pure fused quartz sleeves allows optimum penetration of UV light through 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	Dimensions (cm)
	40mJ/cm ²	30mJ/cm²		(W)	(CIII)
UVG SLT1	5 lpm	6 lpm	½" male BSP	10	28l x 5.1w
UVG SLT2	9 lpm	12 lpm	½" male BSP	14	39l x 6.3w
UVG SLT30	25 lpm	34 lpm	¾" 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	991 x 9w
UVG SLT125	160 lpm	212 lpm	2" male BSP	127	991 x 9w
UVG SLT172	216 lpm	288 lpm	2" male BSP	172	99l x 9w

*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.





