



Domestic UV Systems

Typical applications

- Drinking water from wells, springs & other untreated supplies.
- Water filtration and treatment plants.
- Fish farms, for the control of micro-organisms.
- Algae control in ponds and general aquatic use.
- Re-circulating loops and high purity water systems

Why should I have UV?

UV is a useful disinfection method of removing micro-organisms from water to make it safe to use. It gets rid of bacteria and other micro-organisms by irradiation at 254 nm wavelength which penetrates the cell membrane and stops the cell from replicating. It eliminates the risk of overdosing using chemicals or leaving an unpleasant taste. UV sterilizers are low maintenance and are cheap to run. This fast method uses a lamp as the source of UV, surrounded by an air tight quartz sleeve, so the water passes over the lamp and removes any microorganisms present in the water.

Sita Domestic Range

These systems are designed for low to medium flow rate applications. The lamps offer a full 1 year lifespan and inexpensive replacement costs.

All systems incorporate the latest high frequency lamp driver circuitry with lamp

- operating / failure warning lights.
- Construction; 304 mirror finish stainless steel, 316 available on request.
- 9000 hour life high output UVC lamps

Options.

Power supply / controller

Standard AL



Standard AL control / power pack
LED displays Green when lamp is on and Red when lamp is off.

- Days run display
- Buzzer

Model	Flow	Power	In/Out	A	B	C	Port Position
				mm	mm	mm	
UV 107	5 l/min	12 W	1/8"	267		40	Side / End
UV 403	10 l/min	16 W	1/2"	394	285	60	Same side
UV 405 AL	20 l/min	30 W	3/4"	524	415	60	Same side
UN 405C AL	30 l/min	35 W	3/4"	674	565	60	Same side
UV412 AL	45 l/min	40 W	1"	925	816	60	Same side
UV 440 AL	60 l/min	40 W	1-1/2"	930	764	114	Opposite
UV 480 AL	85 l/min	80W	1-1/2"	993	767	150	Opposite