

Electro Spectrum

UV Pool System



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UV Pool System





The Electro Spectrum UV system is the ideal pool hygiene solution, eliminating chloramines and controlling harmful pathogens. It also improves water quality and clarity, enhancing your swimming experience.

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UV Pool System

Product Overview

- Suitable for all pools up to 100,000 litres
- Improves water quality and clarity
- Destroys harmful chloramines
- Controls bacteria, micro organisms and pathogens
- Easily dismantled for maintenance & service
- Low maintenance costs
- Robust & durable
- 2 x 55W Philips Lamps (110W total output)
- 'End of lamp life' indicator
- UV Lamps can be replaced without needing to drain the system
- 2-year warranty

Water treatment with the Electro Spectrum UV is complimentary to all other sanitisation processes (including chlorine, bromine, active oxygen, peroxide and copper based compounds) and allows for the levels of these compounds to be significantly reduced. In the case of organisms such as cryptosporidium, UV treatment is the only proven method that destroys it in swimming pool water.

In addition, UV treatment introduces no by-products into the water but also has no residual effect and therefore a small background level of disinfectant should always be maintained.

The system utilises high output, low pressure UV Philips lamps, powered by electronic ballasts. The water is routed through a narrow diameter, long flow path, ensuring close and extended UV contact along the length of two 90cm lamps. This design also ensures that the product's quartz sleeves are continuously rinsed by the water flow, avoiding the encrustations that may typically affect UV sanitising performance.

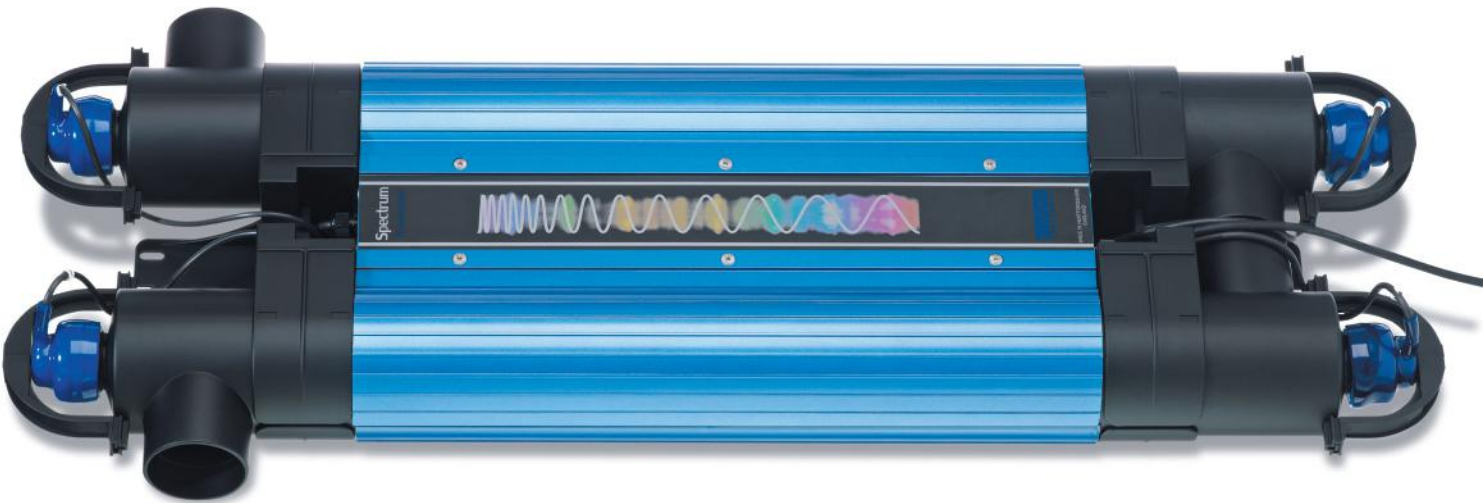
The unit features an 'end of lamp life' indicator, which flashes 'red' when the UV lamps need changing. No system drainage is required to do this.

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Specification and Models

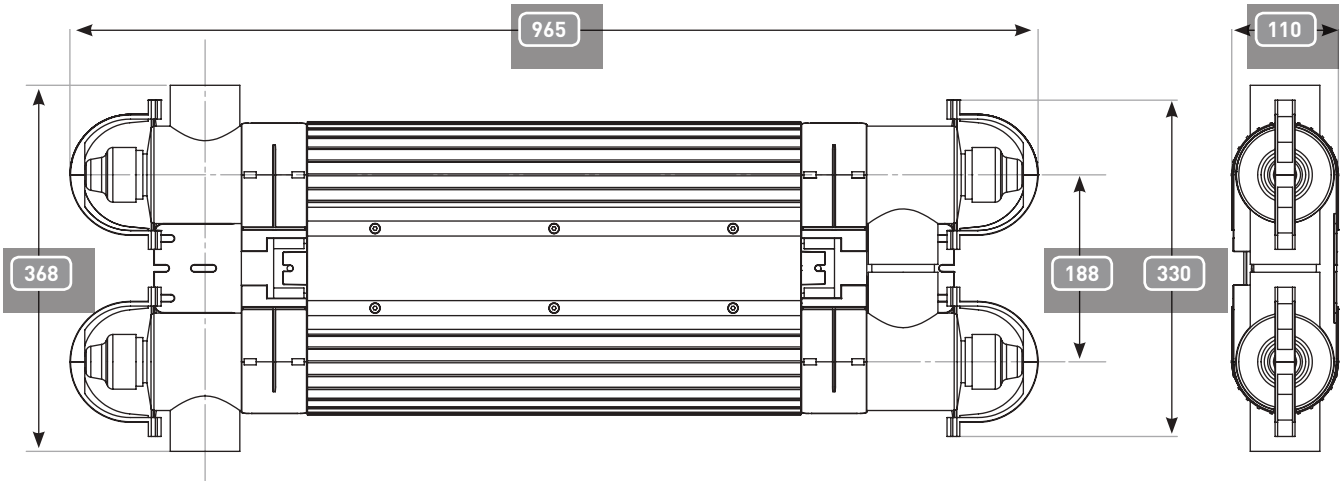
Voltage and frequency:	120V ~ 240V 50 / 60Hz
Maximum operating pressure:	3 bar
Lamp output:	2 x 55W (110W total)
UV-C output:	2 x 18W (36W total)
Lamp pressure:	Low
Lamp life:	8,000 hours
Maximum flow rate:	8,000 Imp gallons / 36,000 litres per hour
IP rating:	IP64
Maximum pool size:	22,000 Imp gallons / 100,000 litres
Water connections:	2" BSP / 63mm stepped
Approvals:	CE approved



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Dimensions





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Electro Engineering – fluid dynamics



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- Solar Swimming Pool Heaters
- Electric Spa Heater
- Aquatic & Tropical Marine Heaters
- Custom-Made Heaters
- Heat Exchangers
- Heating Controls
- UV Sanitisers

Electro is a family-owned and managed, British manufacturer of quality swimming pool equipment including electric heaters, heat exchangers and ultraviolet sanitising units.

Our products are exported worldwide through our close partnerships with distributors.

Because innovation is at the heart of what we do we continue to invest heavily in research and development. We also invest in our people and are proud of our dedicated and expert team of technicians, designers and engineers, who help to continually deliver our state-of-the-art solutions and superior customer service.

At Electro we also believe in redefining the idea of quality and engineer products that only utilise components sourced solely from Europe. We are leaders in innovative pool and spa applications and our mission is to deliver energy efficient, economic, robust and long-lasting solutions.



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