



FOR A CLEANER, HEALTHIER POOL ENVIRONMENT

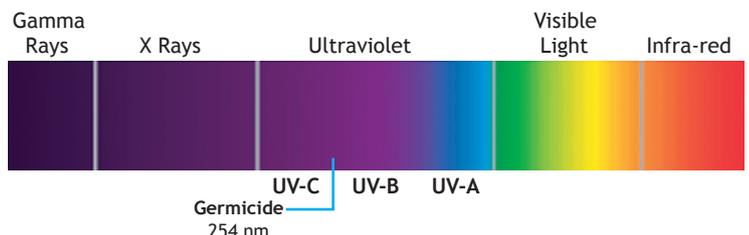
- Neutralise the micro-organisms that are not affected by chlorine and salt
- No unpleasant chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance: simple and reliable
- Prolongs pool life - will not affect equipment and is compatible with all types of materials (pool liner, filters...)
- Environmentally friendly

Specially designed and developed for the sanitisation of water for residential pools.

Offers an incomparable and safer pool experience for your family and friends - silky smooth, odourless and salt-free.

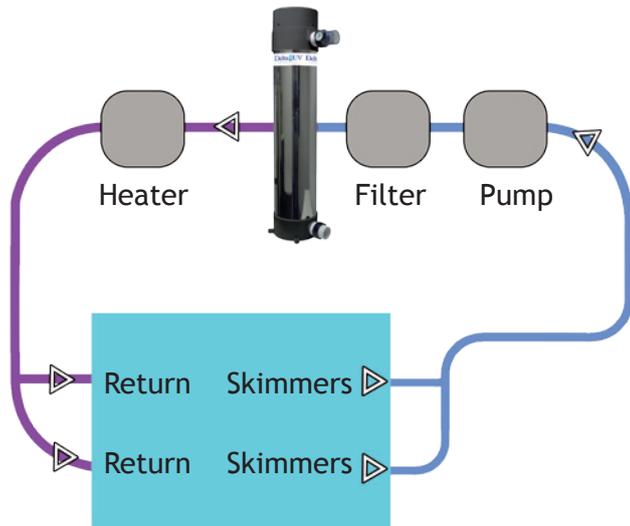
The UV Concept

The sun emits invisible light - ultraviolet light. Using leading edge technology, this natural phenomenon is reproduced inside the sanitisers of the Delta UV product range using powerful UV-C ray lamps. At 254 nanometers, the optimum wavelength for destroying micro-organisms (viruses, bacteria, algae, yeast, mold, etc.), UV-C rays penetrate and disrupt their DNA, permanently deactivating the germ cell metabolism so that they cannot reproduce.



SIMPLE AND HEALTHY

The effectiveness of type C ultraviolet rays as a means of sanitisation has been known for more than a century. They have been used in various applications such as for drinking water purification, aquaculture, fish farming, as well as in hospitals and the pharmaceutical industry. After filtration, water circulates through the Delta UV sanitiser for complete disinfection - bacteria, viruses and algae are completely deactivated without side effects or dangerous by-products. This process results in pure and clear water. Your need for chemical products is reduced. You will still need to maintain a small residual of chemicals in your pool in order to destroy any micro-organisms that do not find their way into the UV sanitiser.



YOUR SAVINGS

- Drastically reduce chemical use
- Lamp replacement every 3 years
- Easy and quick installation and maintenance

www.bio-uv.com

Ultraviolet disinfection E&ES RANGE SPECIFICATIONS

E&ES UV model	Max. Flow Rate US GPM	Max. Flow Rate m ³ /h	UV dose in millijoules per cm ² at actual recommended flow rates	Pressure max.	UV lamp Power	Diameter of reactor	Total height	Inlet/Outlet diameter PVC union
E&ES 5	31	7	30mJ/cm ²	40 psi - 3 bars	1 x 35W	8"/203 mm	17,6" - 447 mm	2"/63mm
E&ES 15	57	13	30mJ/cm ²	40 psi - 3 bars	1 x 55W	8"/203 mm	27,56" - 700 mm	2"/63mm
E&ES 20	80	18	30mJ/cm ²	40 psi - 3 bars	1 x 90W	8"/203 mm	38,74" - 984 mm	2"/63mm
E&ES 40	110	25	30mJ/cm ²	40 psi - 3 bars	1 x 110W	8"/203 mm	45,87" - 1165 mm	2"/63mm

E&ES SERIES SPECIFICATIONS

- Power supply: 120/240V/50/60hz
- Housing: E series-special 8" PVC plastic
ES series-special 8" PVC plastic with stainless steel reflective inner liner & mirror polished stainless steel outer cladding
- Ballast: electronic
- Lamp: high output - low pressure, long life (13,000 hrs.)
- Pressure gauge: yes
- Indoor/Outdoor installation: yes
- Limited warranty: 3 years ES-series / 2 years E-series (1 year lamp)
- Plumbing options: 63 mm or 2" PVC unions

YOUR DEALER