

EP Series

Ultraviolet Water Sanitation and Chloramine Reduction

Delta UV
Ultraviolet Solutions

Safer for you. Better for the environment

GO
GREEN



FOR A CLEANER, HEALTHIER ENVIRONMENT

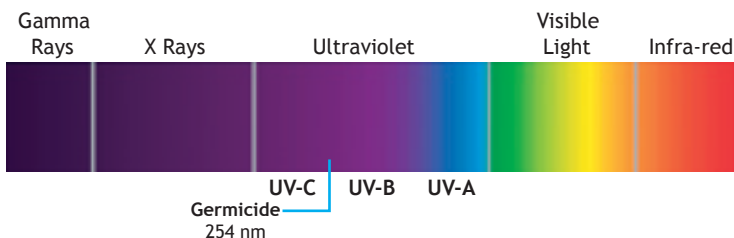
- Drastically reduce chemical use
- Destroy the micro-organisms that chlorine and salt systems can't
- No nasty chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance, simple, reliable
- Prolongs pool life - won't erode pool surface or equipment
- Environmentally friendly
- Compatible with all types of coatings and filters
- A treatment that can be automated with an existing chlorinator

The UV Concept

The sun emits invisible light - ultraviolet light. Through leading edge technology, this natural phenomenon is reproduced inside the sanitizers 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.), Delta UV-C rays penetrate and disrupt their DNA, permanently deactivating germ cell metabolism so they cannot reproduce.

Engineered and Designed Specifically for the Sanitation of Ponds, Fountains, Water Features, Pools and Spas Water Maintenance

Enjoy for life the finest crystal clear water with the best materials thanks to the EP Series UV Sanitizer. Choose DELTA UV for a peace of mind.



EP Series

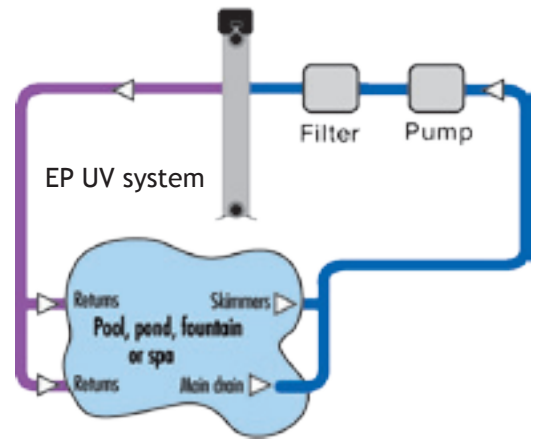
Ultraviolet Water Sanitation and Chloramine Reduction

	DELTA UV	Chlorine and Derivatives	Salt Systems	Ozone	CuAg Ionizer
Health & Safety:					
99.9% Crypto and Giardia inactivation	YES	NO	NO	NO	NO
Generates DBP's, THM's, and HAA's	NO	YES	YES	YES	YES
Water Quality:					
Performance influenced by weather or climate	NO	YES	YES	YES	YES
Water clarity	YES	YES	YES	YES	YES
Operation and Maintenance:					
Monitoring, settings, adjustments required	NO	YES	YES	YES	YES
Risk of overtreating	NO	YES	YES	YES	YES
Corrodes / stains pond surface and equipment	NO	YES	YES	YES	YES

Select the EP Series UV sanitizer that is the perfect fit for your pool, spa, pond or water feature and enjoy the peace of mind that comes with the knowledge that your EP Series UV unit is automatically sanitizing the water all the time. For mere pennies a day, the EP Series UV Stainless Steel sanitizer delivers the highest water quality without any effort on your part.

With simple incorporation in the water feature's equipment system, and powered from a standard 120V plug-in power connection, EP Series UV installation is a snap. For those who have used chlorine or bromine in the past for water sanitization, the drastic savings in chemicals will be obvious in the first month. With a 13,000 hour (1 year) UV lamp life, routine maintenance is reduced to a simple 15 minutes annual bulb change.

UV system size selection is based upon the output flow rate of the circulation pump and the turnover rate of your pool. The sizing chart below shows the maximum gallons per minute (GPM) flow rate for each EP Series UV model.



Ultraviolet disinfection EP RANGE SPECIFICATIONS

EP UV model	Max. Flow Rate GPM	Max. Flow Rate m ³ /h	Performance 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
EP 5	26	6	30mJ/cm ²	40 psi - 3 bars	1 x 30W	6" - 150 mm	17.5" - 444 mm	2" - 63 mm
EP 10	53	12	30mJ/cm ²	40 psi - 3 bars	1 x 58W	6" - 150 mm	24.5" - 622 mm	2" - 63 mm
EP 20	70	16	30mJ/cm ²	40 psi - 3 bars	1 x 80W	6" - 150 mm	38.6" - 981 mm	2" - 63 mm
EP 40	80	18	30mJ/cm ²	40 psi - 3 bars	1 x 90W	6" - 150 mm	45.8" - 1164 mm	2" - 63 mm

Note: Model upsizing can be utilised for maximum sanitation.

For more information about DELTA UV sanitizing units and for the name of your nearest dealer, contact DELTA toll free at 1-866-889-8765 or 1-310-323-64-00 or online at info@deltauv.com.

EP PRODUCT LINE SPECIFICATIONS

- Power Input: 120/240V/50/60hz
- Housing: Mirror-polished high quality Stainless Steel
- Ballast: Electronic
- Lamp: High Output - Low Pressure (13,000 hrs.)
- Dry Fire Protection: yes
- Pressure Gauge: yes
- Indoor/Outdoor Installation: yes
- Limited Warranty: 5 years (1 year Lamp)
- Plumbing options : 2" PVC Unions

YOUR DEALER



www.deltauv.com