

Bayern®

AOP OZONE



Bayern Ozone Solutions

Advanced Oxidation Process(AOP) is a new procedure of using ozone (O₃) in combination with ultraviolet and/or ultrasound for enhancing the effectiveness of water oxidation and disinfection in order to decompose the generally complex structures of micro pollutants found in industrial, pharmaceutical and complex organic water and wastewater treatments.

Bayern® AOP Ozone combines the power of ozone with the benefits of ultraviolet light and/or hydrodynamic cavitation of ultrasound , and when required a proprietary solid state catalyst, for oxidation and disinfecting water, including swimming pool and spa.



Features

- Combination of 'Bayern Ozone Solutions' with Ultraviolet Light and/or Ultrasound.
- Venture injector, Static mixer, ozone check valve and bypass installation kit
- Rugged electrical panel with ozone indicator
- Power supply : 230V/50Hz 1 phase
- Size: (12cmx 20cmx 55cm) or (16cmx20cmx 55cm)

Optional

Counter flow pipes, degassing column and air relief valve to remove excess air or ozone from system.

AOP MODEL	POOL VOLUME(M3)	FILTRATION (Hours)
AOP-1200	up to 30	8 to 12
AOP-1400	30 to 60	8 to 12
AOP-1600	60 to 100	8 to 12
AOP-2400	100 to 200	10 to 12
AOP-3200	200 to 300	10 to 12

Bayern® Ozone Solutions for :

- Private and Commercial Pool and Spa
- Aquaculture and Fish Pond
- Cooling Tower and Agriculture Water, etc.



Eco Ozone



Ultrasound



UV Disinfection

