

ozone sanitisation

'When Clean is Critical'

Ozone Sanitisation - 'When Clean is Critical'

- Ozone is a natural, safe and highly effective sanitation method that eliminates or reduces the need for traditional sanitation chemicals in situations where clean is critical. Ozone systems often save water, energy, chemicals and waste, while producing no harmful by-products.

Ozone versus UV Sanitisation

- The very first thing to understand is that UV, even UV ozone, is not as effective as the corona discharge (CD) ozonator in providing a reliable broad spectrum disinfectant. The best of the alternatives to CD ozone is UV sanitisation and is limited by the fact that ONLY water flowing through the light chamber is treated, whereas CD ozone is injected into the water downstream from the pump, so there is a small residual effect. Further, the CD ozonator mechanically controls the ozone production for a more reliable sanitiser that does not require frequent lamp cleaning or replacement.

Ozone

- Ozone - 30% more efficient than UV.
- Efficiency does not decrease over time.
- Low energy consumption.
- No bulb replacement costs (UV Lamp life is approximately 1000 hours. Number of starts reduces the lamp life).
- No cleaning of lamps or glass tubes. No maintenance required.
- Eliminates Algae completely.