

# OZONE vs CHLORINE

- Ozone acts more than 3000 times faster than chlorine in purifying water.
- Salt corrodes tiles, grouting and paving (when using a salt chlorinator) whereas ozone is not at all corrosive to these areas of one's pool.
- Ozone leaves no harmful by-products in the water (unlike chlorine) as it quickly reverts back to pure oxygen if unused.
- Chemical water treatment leaves long-term chemical effects on the environment, some of which are negative. Ozone does not.
- Ozone is the strongest, fastest, commercially available disinfectant and oxidant for water treatment.
- Ozone oxidation reactions take place several thousand times faster than those of chlorine for destruction of bacteria, viruses, yeast, moulds, cysts, mildew, and most other organic and inorganic contaminants.
- Ozone in appropriate doses can treat all water-borne pathogens, while chlorine cannot (given practical, safe doses.)
- Ozone is generated on site and does not require storage.
- You cannot over-dose with ozone as unused ozone escapes from the water and reverts back to oxygen.
- Ozone disinfection qualities are not dependent on pH, nor does the addition of ozone affect the pH of water.
- Ozone oxidizes (neutralizes) and destroys oils and other contaminants in water.
- Ozone can significantly reduce levels of harsh chemicals such as chlorine and their by-products.
- Ozone acts as a micro-flocculent, aiding in the removal of minerals such as iron and manganese.
- Ozone leaves no unpleasant chemical taste or smell.
- Ozone dissolved in water will not irritate skin, nose or ears, nor will it dry out or leave a chemical film on the skin.
- Ozone is less corrosive than chlorine in water.