



Purified

Water To Go®

WHAT IS "OZONE" AND WHAT DOES IT DO?

"Ozone" is a chemically active form of oxygen. "Ozone" occurs naturally in the upper atmosphere and is also produced by lightening bolts during thunderstorms. It is produced for use in water purification by exposing oxygen to high voltage electrical discharges. Its chief advantage over chlorine is that it not only kills all the bacteria, but it also destroys viruses and water-borne parasites (fungus). Further, "Ozone" removes smells from water and leaves no residue.

- Disinfection: Ozone will eliminate all sources of microbiological contamination!
- Ozone is a sterilant for microorganisms - it destroys them!
- Ozone oxidizes cerium, lead, silver, cadmium, mercury, and nickel.
- Ozone kills all viruses - Chlorination can not! Although waterborne bacteria have been controlled, waterborne viral infections have not. The greatest sources of viral contamination are wastewater-treatment plants where chlorine disinfection practiced is not adequate to remove all viruses.

Chlorination, as it is practiced in potable-water treatment plants, cannot adequately remove viruses to the acceptable level.
- Ozone has been used since 1903 for the treatment of drinking water, and remains the most effective means in the elimination of microbes.
- Ozone removes unpalatable tastes and odors.
- Ozone can be used in water treatment, with no harm to the environment.
- Ozone accomplishes disinfection without hazardous chemical by-products.
- Ozone dissipates from the treated water quickly . . . leaving no trace.
- Ozone has shown to be 3,125 times faster than chlorine in tests.
- Ozone is being researched as a treatment for cancer and AIDS.

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