

Circular cooling tower water treatment with GOgen

GOgen - It starts with water, it ends with water



Applications

- ⊖ Cooling towers
- ⊖ Data servers
- ⊖ Process water

Benefits

- ⊖ Sustainable
- ⊖ Safe
- ⊖ Chemical-input free
- ⊖ Supply chain security

Chemical input free water treatment in cooling water loops and process water lines

Closed-loop water systems recirculate water, creating conditions conducive to pathogen growth and bio-film buildup, especially in industrial process water lines.

GOgen introduces a sustainable way to protect the water system by generating Peroxide UltraPure™ on-site, without any chemicals and at a safe concentration. Peroxide UltraPure™ is then injected into the water lines as a powerful water treatment agent.

GOgen enhances occupational safety, eliminates chemical inputs to the facility and there are no harmful residues after the process – only water and oxygen.



GOgen utilizes only water and electricity as inputs to generate Peroxide UltraPure™ at a safe concentration of up to 1%. The solution is temporarily stored in a buffer tank and dosed into treated water systems at ppm-level concentrations. The buffer tank is automatically refilled based on actual system demand, and remote monitoring of output concentration and key parameters enables process control and preventive maintenance without on-site presence.

GOgen | Key Features and Benefits

- △ Sustainable – only water and oxygen as byproducts
- △ No chemical inputs – only water and electricity
- △ Safe – no handling of chemicals
- △ Compatible with a broad range of materials