



The GDT™ Ozone Process Reduces Cooling Tower Treatment Costs

Ozone, when properly applied and dissolved at the required residual concentration in water, is the most powerful commercially available oxidizing and disinfecting agent. It rapidly destroys microbiological organisms such as E.coli, coliform and Legionella bacteria, virus and parasitic cysts while degrading many organic contaminants present in the water and improving filtration efficiency and ultimate water color and clarity.

Ozone is preferred over conventional chemical oxidizing agents because it is generated on site limiting storage or handling concerns. Additionally, residual dissolved ozone ultimately decomposes to oxygen, making it both process and environmentally friendly. Ozonation is typically only one step in a chain of treatment processes. Gross pollutants are removed by screening, centrifugal solids separation or media filtration prior to ozone addition.

The GDT™ process is a compact, quite and extremely efficient ozone generation and dissolution system, complete with all process and safety systems. The treatment of water with ozone has been accepted as a preferred alternative for water sanitization in many industries including the specific needs of the “heat transfer” cooling tower market place.

With the GDT™ process, the ozone treatment process can now be applied to cooling tower and recirculating chilled water and closed loop flows with confidence, reliability, and ease of installation.

The simple and effective GDT™ system incorporates an electric boost pump, ozone generator, ozone gas injection and off gas removal/destruction system to effectively treat the total recirculating flow.

Please see the reverse side of this page for “Application Results”.

For details on system design options and performance contact:

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