



Ozone in Dairy Applications

Ozonated water treatment systems

use less water than conventional cleaning methods and take less time - the water can also be recycled.

Lower your operating costs and maximise profits by reducing the need for chemicals in your water cleaning systems.

Using ozone to replace chemicals in the dairy industry is more relevant now than ever before.

Dissolved in cold water, ozone will react with organic matter such as bacteria, viruses, milk solids and calcium layers and greatly reduce bacteria counts.

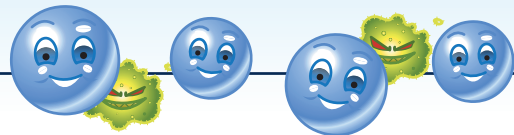
There is a reduced need for thermal energy, less chemicals and **no residue**. Ozonated water cleaning systems use less water than conventional cleaning methods, require less rinse cycles and the water can be recycled.

Ozonated water is the perfect sanitizing agent for 'clean in place' pipe work for large dairy farms and dairy processing plants. The cleaning process is reduced to one single step and CIP water can be reused. You can also use ozonated water in the cleaning of milk vats, storage containers, milk tankers and cooling towers.

The added bonus is that **ozonated water is environmentally friendly** since there is no residue, unlike chemical cleaners and disinfectants.

Advantages of CIP with ozonated water

- ▶ Ozone disinfects more powerfully than chemical disinfectants
- ▶ Ozone achieves CIP sanitation at low cost, at ambient room temperatures and without the buildup of chemical residues.
- ▶ Operating costs are reduced by eliminating the need for chemicals.
- ▶ Ozone is not stored - it is generated on-site as needed.
- ▶ Microorganisms can't build up an ozone tolerance.



Do you have a cooling tower?

Did you know that ozone offers the following advantages:

- ▶ Ozone is very effective in removing scale yet is less harsh than chemicals to the structure of old systems.
- ▶ Ozone is well known for its excellent biocide action which is reflected in the low levels of biological growth in ozonated cooling towers.
- ▶ Ozone offers a simple to use, long term cost effective solution to the operation of cooling towers in the country.



More information? Contact Ozone Industries for an obligation-free discussion about the benefits of ozonated water in your dairy.