



Conservation Solutions Corporation

Water Treatment Division

delclean™

OZONE LAUNDRY PROGRAM

The use of ozone technology allows for a significant reduction in energy, water and chemical use in commercial laundry facilities. Ozone represents an excellent opportunity to decrease utility costs, increase operational efficiency, and improve the life and quality of linens through environmentally aware antimicrobial practices.

\$ Savings Potential

Maximize Savings While Maintaining Or Improving Linen Outcome
Typical Return on Investment: 18 to 24 Months

Energy Reduction
Reduce hot water up to 85%

Water Reduction
Reduce total water up to 20%

Cut Chemical Use 10%

Extend Linen Life 20%

Let us help you
So you can

**be green
SEE GREEN**

DEL ozone™

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Give **Greenwashing** a whole new meaning

Reduce Hot Water: Reduce Energy Use

Because ozone works best in cold environments, the need for hot water is reduced by up to 85% and in some cases eliminated. Like hot water, ozone activates chemicals and helps to oxidize soils making them easier to remove from wash water. Since heating water requires a tremendous amount of energy, a reduction in hot water use translates directly into cost savings.

Reduce Chemical Use

Ozone attacks residual alkali hundreds of times more effectively than hot water. The elimination of salt crystals left by residual alkali consequently reduces and potentially eliminates the need for fabric softener which hinders rinsing, drying and absorption.

Reduce Total Water: Efficient Wash Cycles

In some cases, up to two rinses can be eliminated from the wash cycle because ozone is more effective at removing chemicals (especially alkali) and because there is no fabric softener to retard the wash liquor from moving through the weaves of fabric and removing dirt particles. Potential removal of one high fill rinse in one 60 pound washer that completes eight loads per day can save over 65,000 gallons of water each year.

Softer, Absorbent, Longer Lasting Linen

Salt crystals that form in the course of a hot water wash process grind away at linen during the drying cycle causing lint, so when these crystals are removed by ozone the linen life is extended. In the absence of salt crystals, fabric softener (which costs fabric) is no longer needed, allowing the fabric to fully expand and absorb.

Operational Efficiency

The elimination and shortening of wash and dry cycles allows for reduced labor and water costs by up to 20%.

Environmentally Friendly

Beyond reducing chemical pollution, ozone's ability to disinfect in cold water is more environmentally friendly while being significantly more cost effective. Heating water requires a tremendous amount of energy and ozone is actually more effective at killing microbes than hot water laundering, performing 3,000 times faster. Additionally, since ozone is produced on-site and on-demand, the cost of transporting chemicals (and the carbon footprint that goes with it) are eliminated.

DEL Ozone, recognized as a leading authority in ozone technology worldwide, offers a turn-key ozone program that will elevate the way you do laundry, providing a proven return on investment.

