

AQUACLEAN OZONE LAUNDRY SYSTEM

OZONE has been used as an oxidizing agent in water and air purification for over 100 years.

Today, environmentally friendly OZONE is a recognized solution for commercial laundry operations throughout North America, Europe and other urban markets and will provide significant operational cost savings for laundry operators.

Simpson Environmental has over 50 years of OZONE application experience for both air and water treatment including successful OZONE laundry installations. Simpson can readily integrate OZONE technology into your existing laundry using a non-invasive, energy-saving, bacteria-free and environmentally friendly OZONE laundry system solution.

POWERED BY:



THE SIMPSON ENVIRONMENTAL OZONE LAUNDRY SOLUTION

DIRECT INJECTION OF OZONE INTO THE CATCH BASIN PROVIDES:

- ✓ **ELIMINATION** of the external ozone contacting system
- ✓ **ELIMINATION** of external water treatment systems
- ✓ **ELIMINATION** of water storage tanks, pumps, filters, and excess plumbing lines
- ✓ **CONSTANT** ozone concentrations are available in the wash water during all phases of each wash cycle
- ✓ **DECREASED** system footprint
- ✓ **SMALLER** components
- ✓ **FASTER ROI** when compared to other ozone laundry system designs, typically 8-18 months



THE OZONE LAUNDRY SOLUTION

WHAT IT DOES

WHY IT DOES IT

**ENABLES COLD WATER
WASH AND RINSE CYCLES**

Ozone is most effective at lower temperatures. It Oxidizes soils making it easier to remove them

**SHORTER WASH CYCLES =
LESS WATER USED**

A more efficient washing process whereby the soils are removed more quickly than by traditional laundry methods

**SHORTER DRYING TIMES =
LESS ENERGY USED**

The lack of residue buildup in the fabric enables the linen to be dried more quickly as this residue holds in moisture

**IMPROVED
DISINFECTION**

Ozone eliminates biological pathogens not achievable with chlorine or bleaches including C-Difficile

**CLEANER,
SOFTER LINENS**

Ozone usage prevents residue buildup in the fabric leaving fabric softer and more resilient

LONGER LINEN LIFE

Ozone laundry systems are more gentle to fabric as the salt crystals formed in hot water wash routines are eliminated. These are very harmful to fabric. Thus the life of the fabric is extended significantly

**INCREASED
OPERATIONAL EFFICIENCY**

Fewer rinses and shorter drying cycles leads to shorter overall laundering cycles which require less labour for the same level of productivity in the laundry room

**REDUCES
CHEMICAL USAGE**

Ozone acts as a bleaching agent and activates chemicals in the water making them more effective in small doses

BE GUARANTEED WITH SIMPSON ENVIRONMENTAL

DIRECT MANUFACTURER SUPPORT

Simpson is the original equipment manufacturer & can thus provide the highest level of technical support required

FORMULA FOR THE OZONE LAUNDRY SYSTEM

are controlled by Simpson, hence eliminating the "he says, she says" conflict with chemical providers

MULTIPLE CONFIGURATIONS

to meet the requirements of any commercial laundry operation

REMOTE DIAGNOSTICS & CARE

The Simpson ozone laundry system can be monitored via remote equipment via the telephone network or via the internet to enable the Simpson customer care department to diagnose on-site problems and report troubles before they severely impact customer installations

FINANCING

A range of lease financing options are provided by Simpson to relieve its customers of balance sheet responsibility for financing the new ozone laundry system. This enables rapid roll-out for multi-location customers and the realization of bottom line savings in the shortest possible time frame

PROVEN COST SAVINGS



95% GAS
SAVINGS

20% HYDRO
SAVINGS

15% WATER
SAVINGS

40% CHEMICAL
SAVINGS

100% LONGER
LINEN LIFE

30% SHORTER
WASH CYCLES

30% SHORTER
DRYING CYCLES

WHAT IS OZONE?



Ozone is a gas at ambient temperature comprised of three oxygen molecules and is found abundantly in nature. It is one of nature's most efficient oxidizing agents and works 3,000 times faster than chlorine as a disinfectant. It is also a catalyst for chemicals making it highly effective in laundering operations.



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