

# Industrial Tank-Style Ozone Laundry Systems



Only the finest Materials make up the ArtiClean Ozone Laundry Systems, making them truly the *Worlds First Industrial Grade Tank-Style Ozone Laundry System.*

From our stainless steel pump, modular construction for future expansion, advanced controls, superior ozone generators, Including advanced safety detection and ease of installation, our Ozone Laundry Systems are built to last a generation.

With reliability, performance, and results, we have a system for any type of commercial or industrial laundry application

Powered by: **PLA-MATICS**  
Ozone Generators



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**World Class Ozone Laundry Systems**  
**World Class Results**



## *“What is Ozone?”*



*Ozone* is oxygen ( $O_2$ ) with an extra atom of oxygen attached, thus forming  $O_3$ .

*Ozone* is formed naturally during a lightning storm. The creation of *Ozone* is nature's way of purifying the atmosphere, and is what gives clothesline dried linen that "Fresh air" smell.

*Ozone* is an extremely effective sanitizing and disinfecting agent. In fact, *Ozone* kills bacteria faster than chlorine. Most new water treatment plants are treated with *Ozone* instead of Chlorine.

*Ever notice that bottled water tastes and smells much better than regular tap water?*

That is because bottled water is often purified with ozone instead of chlorine. The bad taste and smell in your tap water, is nothing more than residual chlorine.



## *“How does Ozone work in a Laundry?”*



*OZONE* carries an electrical/chemical charge in the washing solution, which actually starts to dissolve soil on contact. This process activates the chemicals in cold water instead of using hot water at 140-160 degrees.

Sanitizing of your linen is equal to standard laundry procedures.

The Experts at ArtiClean have built and installed Ozone Laundry Systems for over 10 Years.

*Ozone Laundry gives you several advantages over standard laundry practices.*



### *Longer Linen Life*

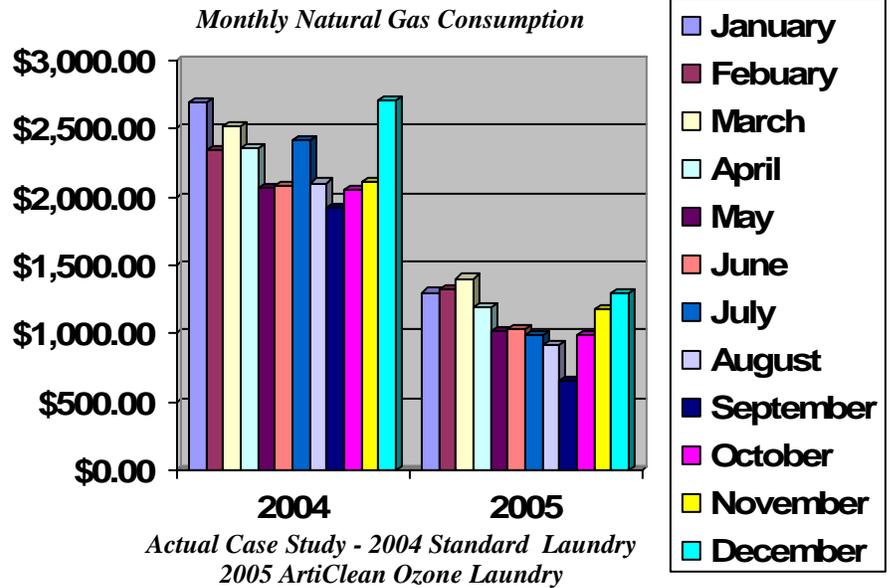
Did you know that when chlorine bleach and extremely hot water are mixed together, a chemical reaction occurs that actually damages the fibers of linen? With *Ozone*, this chemical reaction is eliminated. Our

## Major Reduction in Natural Gas Cost

Approximately half the Natural Gas consumption used in the laundry is for heating water. The other half is used in drying the linen. ArtiClean can eliminate 90% or more of your hot water usage.

Some facilities have turned their hot water heaters off!

An average 100 bed nursing home could save a minimum of \$1,200 per month on their utility bills.



## Faster Fill Rates



ArtiClean Ozone Laundry Systems utilize an extra large Ozone-Resistant water valve to fill your washers. These valves work separately from your existing fill valves, and in most cases will fill your washers in half the normal fill time. This saves you time, which in turn *Saves You Money!*

## Shorter Wash Cycles

Under normal laundry conditions, the "Cleaning window" of a wash cycle is only during the Detergent and Bleach steps. This Cleaning window is usually 1/3 of the total wash cycle time. With ArtiClean, the entire wash cycle is the cleaning window... When your washer fills with water, in most cases, it is Cold-Ozonated water. This means that every time your washer fills (most wash cycles fill at least 5 times), it is getting a fresh dose of Ozonated water. This in effect makes the "Cleaning Window" the entire cycle. By lengthening the cleaning window, we are able to shorten the entire cycle by as much as 20%.



*"What does this do for me?"* 20% faster wash cycles mean the possibility of running your laundry 20% fewer hours per day...week...year!!!

## Shorter Drying Times

Ozone actually penetrates the fibers of your linen. This is evident in the thicker, fluffier towels that are dried after being ozonated. The ozone helps to release moisture in the dryers or on a flatwork ironer, thus creating much faster drying times as well. In most cases, drying time has decreased by 20%. This decrease in drying times also reduces gas consumption in the dryers by up to 20%

***Whiter, Softer, Sanitized, Fresher Smelling, and Longer Lasting Linen = Huge Savings***

# System Specifications



Model	AT1000	AT2000	AT3000
Rated Washer Capacity	750-1500 lbs	1500-2000 lbs	3000-3500 lbs.
Holding Tank Capacity	190 Gallons	465 Gallons	465 Gallons
Water Inlet	2 Inch NPT	3 Inch NPT	3 Inch NPT
Ozone Water Outlet	2 Inch NPT	3 Inch NPT	3 Inch NPT
Ozone Generator	ELG-28	Dual ELG-28	(3) ELG-28
Oxygen Concentrator	Onyx/AS-12/Aero	Dual Onyx/AS-12/Aero	(3) Onyx/AS-12/Aero
Ozone Destruct	35 SCFH	70 SCFH	105 SCFH
Standard Voltage	220/60/1	220/60/1/3	220/60/1/3
Rated Amperage	30	40	50

**Systems include:**

- \*Complete Ozone laundry system - Rack mounted unit
- \*Clear Backflow Preventor/Check Valve
- \*Pacific Ozone Technologies - E Cycle Ozone Generator
- \*Industrial Grade Oxygen Concentrator
- \*Mazzei - Venturi Injector
- \*Stainless Steel Liquid Filled Pressure Gauges
- \*Stainless Steel Check Valves
- \*Schedule 80 PVC Piping and Fittings
- \* Holding Tank with De-gas Piping
- \*Clear Liquid Drainer
- \*Viton Seals
- \*Union Ball Valves
- \*Advanced ORP Controller and Probe
- \*Stainless Steel Ozone Destruct

