



## Coin Operated Ozone Laundry Systems



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

From our stainless steel pump, modular construction for future expansion, advanced controls, superior ozone generators, 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 laundry application

Powered by: **PLA MATICS**  
Ozone Generators



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

A division of REM Company, Inc.



## *“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*

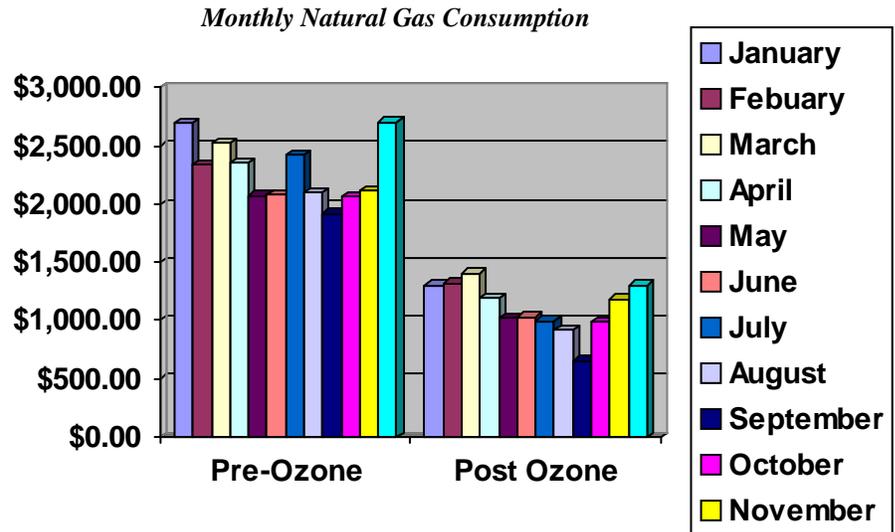


Did you know that when chlorine bleach and extremely hot water are mixed together, a chemical reaction occurs that actually damages the fibers of linen? With Ozone, this chemical reaction is eliminated. Our customers have reported that their linen life has increased by 30% or more.

## 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. Our coin laundry owners have noticed a shift in the higher demand for Cold-Ozonated Wash Cycles.

Some facilities have turned their hot water heaters down to 100 degrees!



*Actual Case Study - Standard Laundry vs. ArtiClean Ozone Laundry*

An average 35-40 washer store, could save as much as \$1,200 per month on their utility bills.

## More Repeat Business

By investing in our Coin Operated-Ozone Laundry System, you will be able to provide your customers with a product that they cannot get anywhere else. The Softness, whiteness, and distinctive smell of ozonated laundry will keep you customers coming back, time and time again.

## Better Washing - And Soil Removal

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, it is possible to shorten the entire cycle by as much as 20% and still have better soil removal.



## Shorter Drying Times – More Dryers Available to your Customers!



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, 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%, plus increases turns per hour/day.

***Whiter, Softer, Sanitized, Fresher Smelling Linen  
Ensures Repeat Customers***

## System Specifications



Model	AC100	AC200
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Holding Tank Capacity	80Gallons	190 Gallons
Water Inlet	2 Inch NPT	3 Inch NPT
Ozone Water Outlet	2 Inch NPT	3 Inch NPT
Ozone Generator	PB-10	PB-50
Oxygen Concentrator	Topaz	Topaz
Ozone Destruct	25 SCFH	25 SCFH
Standard Voltage	220/60/1	220/60/1/3
Rated Amperage	30	40

**Systems include:**

- \*Complete Ozone laundry system - Rack mounted unit**
- \*Clear Backflow Preventor/Check Valve**
- \*Plasmatics Industrial 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**
- \*Poly/Fiberglass Holding Tank with Degas Chamber**
- \*Clear Air Relief Valve**
- \*Clear Liquid Drainer**
- \*Viton Seals**
- \*Union Ball Valves**
- \*Advanced ORP Controller with Diagnostics and Probe**
- \*Stainless Steel Ozone Destruct System**

