



## PURE WATER SYSTEMS

**Water that's cheap, clean, pure, and simple- have 100% naturally purified water 24 hours a day for years to come without the use of harmful and expensive chemicals.**

Now you can have the latest in city water treatment technology for your tank, helping you save time and money. You no longer have to worry about tank maintenance, regularly purchasing or applying expensive and harmful chemicals - this system replaces it all!

Lifeline's Pure Water system eliminates microbes including, bacteria, viruses, cysts, spores, aerobic and anaerobic that cause bad taste, odor, and slime or **present** potential health hazards. In addition the system sanitizes your tank as well as the air above the water line ensuring continued purity, all without unnatural chemicals like chlorine, which remains in the water after treatment.

Lifeline's system uses natural ozone resulting in a safe and reliable source of pure water from your tank. In nature, ozone water is created when lightening, air, and precipitation combine. This process is water purification in its original form.

Natural ozone is nothing other than ionized oxygen. Oxygen, in the air around us, is made up of two oxygen atoms ( $O_2$ -Oxygen), while natural ozone is made of three oxygen atoms ( $O_3$ -Ozone). Natural ozone is highly reactive, in fact ozone is effective in actually eliminating microbes and contaminates where as chlorine can only inactivate, prevent their ability to reproduce. Additionally, natural ozone quickly reverts back into oxygen, leaving nothing behind other than pure water in your tank. It is so safe, even the FDA recommends the use of ozone for food and beverage processing.

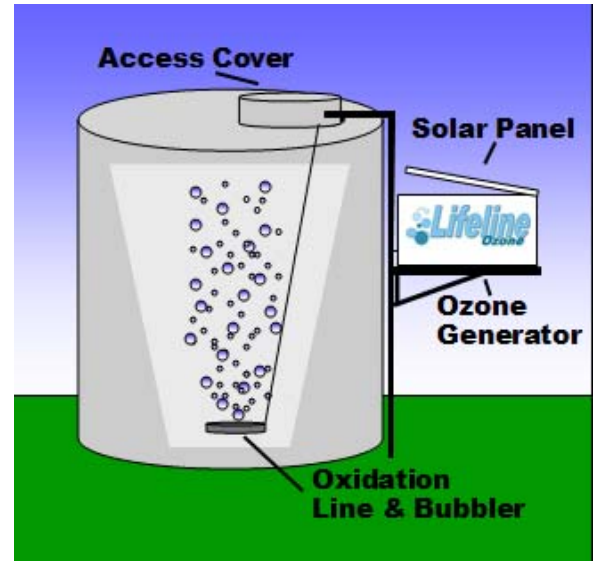
Lifeline's Pure Water systems are carefully designed to maximize the concentration of natural ozone in your tank and yet minimize the use of electricity. In fact, our systems are so energy efficient they can be operated purely on solar power. Natural ozone is powerful yet safe enough for use in food and beverages, most bottled water available today uses ozone for final disinfection.

Our products are incredibly easy and safe to use. All you need to do is put the Oxidation Line in your tank and if you have chosen a solar powered Pure Water system direct the solar panel towards the sun and you are ready to go.









Start saving time and money today with a Lifeline Pure Water system. To answer your questions call 303-520-6466 and we will help you with any installation and treatment questions.

[Click Here for Ozone Treatment Research & Literature](#)

[Click Here for FDA Information](#)



## Product Line

	Product	Voltage	AMP's/ Watts	Ozone Output	Range	Solar Kit Option	Benefits		List Price
	<b>300P 110V</b>	AC 110V	1 AMP 8 Watts	300mg/h	50 to 200 gal* 4 ft deep*	Available	Intermittent Duty, Air Pump		\$210.00
	<b>300P 24V</b>	110V AC/DC 24V	5 AMP 12 Watts	300mg/h	200-1,000 gal* 20 ft deep*	Available	Continuous Duty, Air Pump, Internal Fan, Optional Manual Air Dryer Available		\$475.00
	<b>600 P 24V</b>	110V AC/DC 24V	8 AMP 20 Watts	600mg/h	50-3,000 gal* 20 ft deep*	Available	Continuous Duty, Air Pump, Internal Fan, Optional Manual Air Dryer Available		\$655.00
	<b>Optional Manual Air Drier</b>		(1) 50lb. can of Air Drier Media Includes Air Drier hose connection to generator. *See description under Products on website.			NA	Includes: Air Drier Media, Air Ports for both In & Out		\$99.00
	<b>Solar Kit Option 300 Series</b>		Battery Not Included Can be used on units 300mg or smaller			NA	Includes: Solar Panel, Timer, Regulator, Power Clamps		\$599.00
	<b>Solar Kit Option 600+ Series</b>		Battery Not Included Can be used on 600mg or 1,000mg units			NA	Includes: Solar Panel, Timer, Regulator, Power Clamps		\$699.00
	<b>Timer</b>		Available for 110V Ozone Generators			NA			\$39.00
	<b>Replacement Check Valve</b>		Most reliable check valve in the industry Recommend: a spare check valve for each unit			NA	All units		\$6.25
<b>No Picture Shown</b>	<b>Extra Tubing</b>					NA	All units		\$10.00
<b>No Picture Shown</b>	<b>Pocket Ozone Tester</b>		Electronic and measures mili-volts.			NA	All units		\$140.00
<p>*Depending on water quality. Key factor in purification is original water source and amount of flow. There are many factors that affect the size machine you should get for best results contact Lifeline Ozone.</p> <p>**Shipping charges are not included. All units are shipped with tubing and bubbling stone</p>									



**RESEARCH:**

[Click Here for Ozone Treatment Library](#)  
[Click Here for FDA Information](#)

**WHAT IS PURE WATER?**

Pure water is H<sub>2</sub>O only, similar to pure rain water—without chemicals, bacteria, minerals, or microbiological contamination.

**HOW DO I KEEP THE WATER FRESH?**

Nature's treatment for rain water is ozone from lightning when it falls from the sky. Lifeline uses nature's method for purification.

**ISN'T OZONE BAD FOR THE ENVIRONMENT?**

Ozone in the Earth's upper-most atmosphere is what protects us from the harmful ultraviolet rays of the sun. If we could pump more ozone up there, we'd all be better off.

**HOW LONG DOES OZONE LAST IN MY WATER?**

Ozone has a half life on the order of minutes when dissolved in water. Half life is the time it takes for half of the ozone to revert back to oxygen. Therefore, ozone must be generated on site and constantly introduced into the water to be effective.

**PEOPLE HAVE BEEN USING CHLORINE FOR YEARS, WHY DO I NEED OZONE?**

In recent years, scientists have discovered that chlorine creates harmful by-products known as THMs that are carcinogenic. The EPA is starting to impose strict standards on the level of THMs allowed in domestic water treatment plants. Ozone is the treatment method of choice by water treatment professionals to replace chlorine, since ozone produces no THMs.

**DO THE LARGER MUNICIPAL WATER TREATMENT PLANTS THAT USE OZONE ALSO USE CHLORINE?**

Yes, they do add a small chlorine residual after ozonation. This is done to prevent the possibility of the water picking up bacteria in the lengthy distribution piping required in larger municipal water supplies, since the dissolved ozone will revert to oxygen before distribution.

**WILL MY WATER SYSTEM REQUIRE CHLORINE IN ADDITION TO OZONE?**

Typically, no. Single family dwellings and small multi-house systems do not require a chlorine residual due to their short distribution piping systems.

**IF CHLORINE IS REQUIRED IN LARGER SYSTEMS, WHY DON'T THEY JUST USE CHLORINE RATHER THAN CHLORINE AND OZONE?**

There are many advantages to using ozone besides the fact that ozone water treatment does not create THMs. Ozone (which is not a chemical additive) kills virus and bacteria on contact, deodorizes, removes color and bad taste, kills algae, mold and yeast spores.

**IF THE SYSTEM RUNS 24 HOURS A DAY, WON'T IT BE EXPENSIVE TO OPERATE?**

One of system's outstanding features is its efficiency especially if you use the solar option.

**WHO USES OZONE?**

Ozone domestic water purification has been used extensively in Europe since 1906. In the United States, currently over 70 municipal water treatment plants use ozone. Los Angeles has the largest ozone treatment facility, purifying over 600 million gallons of water per day. In the San Francisco Bay Area, the East Bay M.U.D. water treatment plants in El Sobrante and Upper San Leandro will soon be using Ozone as a replacement for chlorine as their primary source of sanitizing. California state law now requires ozonation as the final step before bottled drinking water is packaged. The International Bottled Water Association also requires ozonation prior to bottling.

**WHAT IS A VENTURI AND WHAT IS IT USED FOR?**

A venturi is a short tube with a constricted throat used to determine fluid pressures and velocities by measurement of differential pressures generated at the throat as a fluid traverses the tube. It has a constricted throat in the air passage of a carburetor, causing a reduction in pressure that results in fuel vapor being drawn out of the carburetor bowl. In water the Venturi effect is used to draw and mix gas like O<sub>3</sub> or O<sub>2</sub> in the water, these units are made of ozone resistant materials Like PVDF or Kynar. A venturi is a device that uses water pressure to create a vacuum.

