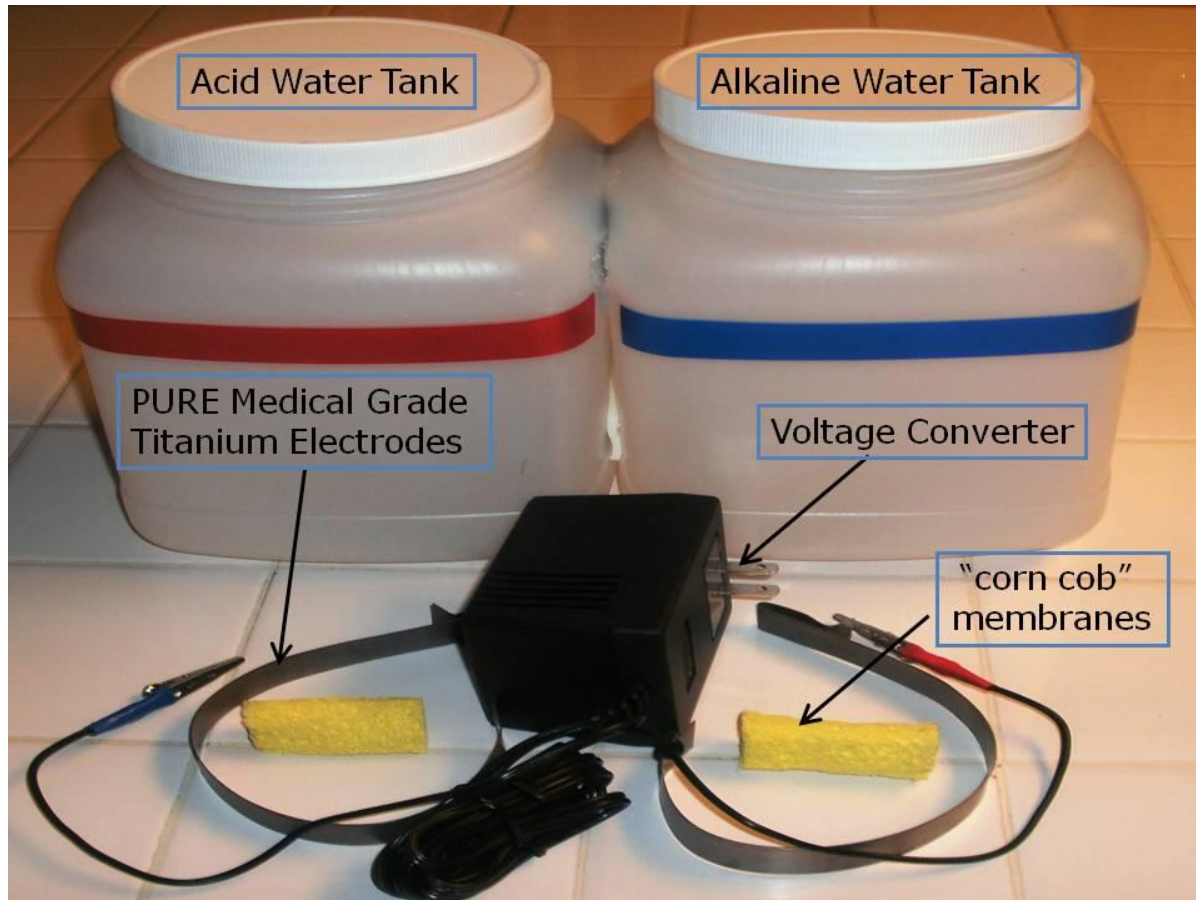


RedOx Water Machines

Our family of machines:

One Gallon **FAMILY**, Two Quart **COUPLES**, One Quart **SINGLES**,
the two gallon Water Crock **CLASSIC**, and the one quart **ROADOX** Traveler
Go to www.symbiosis4u.us for extensive information.



Each **RedOx** machine includes:

Two Heavy duty tanks made from laboratory grade, EPA approved, BPA free, High Density Polyethylene (very tough plastic material), bolted together with heavy Duty medical grade nylon bulkhead connectors and sealed with VOC safe aquarium sealant .

One tank is marked red to indicate acid water. The other tank is marked blue to indicate alkaline water.

One voltage converter changes standard household alternating current electricity into safe direct current electricity. The voltage converter has red and blue color coded alligator clips for attaching to the electrodes in the tanks marked red and blue.

Two medical grade pure Titanium electrodes that vary in size from **12 to 24 square inches of electrode** surface area. The electrodes have a hook for hanging on the edge of the water tanks. Electrodes are shaped to provide optimum voltage distribution through the water.

“Corn Cob” shaped membranes which keep the alkaline water separate from the acid water while allowing electrons and ions to move between the tanks. Only one membrane goes in each connector. Because membranes are delicate, a spare membrane is supplied with each tank.

One appliance timer so you can start the machine at night and awaken to freshly brewed water.

2 Quart Size Shown



How to use RedOx water machines

1. Fill both tanks with drinking water. The water level should cover the tank connectors that hold the membranes and be below the threaded part at the top of the tank. The water should be contaminant free “filtered” water. Do not use distilled or reverse osmosis water unless you add [electrolytic minerals](#).



(On first take the first batch of water is not drinking the water, may be contaminant to [electrodes](#) and tanks.)

2. Insert an electrode in each tank by pushing the small hook end down onto the threaded part of each tank. Some electrodes are curved, some are flat. Both styles of electrodes should be attached to the top edge of each tank and opposite the bolts that hold the tanks together.



3. Attach the RED alligator clip to the end of the electrode in the acid (non drinkable) side of the tank with the RED stripe.
4. Attach the BLUE alligator clip to the alkaline (drinkable) side of the tank with the BLUE stripe.
5. Plug the voltage converter into a nearby wall outlet.
6. Depending on the mineral content of your water, wait from one hour (very mild) up to eight hours (very strong), unplug the converter from the wall outlet. Wait four or five seconds for the static charge in the transformer to dissipate.
7. Disconnect both alligator clips and remove both electrodes.
8. Screw one lid onto the alkaline (BLUE) tank until the lid seats firmly.
9. Pour the water out of the acid tank (RED) into the sink, or onto acid loving plants.
10. Remove the lid from the alkaline (BLUE) tank. Pour the alkaline water into bottles for immediate use. Store water in the refrigerator to retain higher levels of ORP for about 24 hours.

POUR OUT THE RED TANK
DRINK THE BLUE TANK

What does a RedOx Machine do?

There are **TWO** causes for acute or chronic poor health.

1. **Something IS IN THE BODY** that should not be there.
2. **Something is NOT IN THE BODY** that should be there.

Triple conditioned water from a RedOx machine removes toxins (should not be in body), supplies healthy hydroxyl ions (should be in body), and reduces acid (should not be in body) due to the Standard American Diet = SAD.

Triple conditioned water which is micro-clustered. Micro-clustered water more efficiently flushes many toxins and some heavy metals out of the body (not supposed to be in the body).

Triple conditioned water is saturated with hydroxyl ions (also called Oxidation Reduction Potential or ORP). Hydroxyl ions supply an extra electron which neutralizes free radicals, and other metabolic debris (should not remain in the body).

Triple conditioned water is alkaline (should be in the body) without added salt or other blood pressure increasing chemicals (should NOT be in the body). Triple conditioned alkaline water gently reduces the acid load on the body that results from eating the SAD (Standard American Diet).

... without chemicals

... without side effects

... using just water and electricity

Each RedOx Machine triple conditions water in order to ...
slow the aging process
flush toxins out of the body
reduce acid indigestion
without chemicals or side effects

SLOW THE AGING PROCESS WITH FREE RADICAL ZAPPING ELECTRONS: Free radical damage is considered the leading cause of aging, while environmental toxins and heavy metals are considered major contributors to chronic poor health. Typical bottled water, and tap water has an ORP of +300 millivolts. A **RedOx MACHINE** saturates water with surplus electrons (-200 to -700 millivolts) which neutralize free radicals, most environmental toxins, and many heavy metals. See www.symbiosis4u.us for explanations of ORP and pH.

Flush toxins out of the body ... AT THE CELLULAR LEVEL: Water naturally forms clusters of 12 to 16 molecules. A **RedOx** machine reduces water clusters to about **6 or 8 molecules**. The smaller the clusters of water, the more rapidly the cells of the body can take in more nutrients and remove more toxins.

Acid indigestion: Alkaline water gradually reduces the acid load on our bodies that result from the combination of high stress levels and eating/drinking the acid producing SAD (Standard American Diet).

RedOx machines require no baking soda, or other chemicals ... just clean mineralized water and safe direct current electricity. Each **RedOx** machine produces health enhancing smaller clusters of heart burn reducing alkaline water (pH 7.5 to pH 9.5), charged with free radical zapping surplus electrons (from -200 to -700 millivolts).

What is kind of water should I use?

Use any water that is free of manmade contaminants (industrial and agricultural waste) and has enough dissolved minerals to transmit an electrical current.

Your source water should contain NO industrial chemicals, recycled pharmaceuticals, farm chemicals, and other causes of assorted diseases. **You cannot improve your overall health by drinking water contaminated with disease causing chemicals.**

Water from a deep spring bubbling up out of the ground is best, and difficult to find. City water, or well water filtered through an activated charcoal filter is very good. Activated charcoal removes agricultural chemicals sprayed on nearby fields, unwanted medicine that was flushed down the toilet, and industrial chemicals that “leaked” into the water supply. If your water source is NOT healthy, uncontaminated water, then you will have to filter your water or buy water at a water store.

The best option for filtering home water is eSpring (see www.espring.com). The **eSpring filter** (does not use UV light) removes industrial chemicals while allowing naturally occurring minerals to pass through. The **eSpring purifier** (not just a filter) removes industrial chemicals, allows naturally occurring minerals to pass through, and uses ultraviolet light to kill any biological agents including viruses (i.e. aids), bacteria (i.e. anthrax), and fungi (i.e. cladosporium). The UV light is powered by a Tesla non-wired process, so no electricity contacts the water.

Each eSpring is rated for up to 1,500 gallons of water (4 gallons every day) and should be changed annually. Purchase an eSpring water purification system at this website.

www.amwayglobal.com/tomv and put the work “espring” in the search field.

What is kind of water, page two

A lower quality option (but not a lower cost after the first year) would be any of the “pour through activated charcoal filters” such as PureCool or Brita (other brands are available).

PureCool costs \$30 and removes chlorine, industrial and agricultural chemicals from 300 gallons of city water., but does not kill bacteria, viruses, or molds. This PureCool filter is designed to sit on top of a water crock and is available from www.watercrockshop.com

Brita costs about \$40 and removes only chlorine from 40 gallons of city water. Brita can be purchased in Big Box stores like Walmart or Target. A Brita type pour through filter does not kill bacteria, viruses, or molds.

While pour through filters have a low start up cost but may not be the best choice for long term usage. A household with two people should each drink one half gallon, or 64 ounces, of water every day (half the body weight in ounces of water). One gallon of RedOx water require two gallons of filtered water, which means you have to buy a new Brita type filter every twenty days.

Your source water should also have minerals. To allow electrolysis, water should have at least 100 ppm (parts per million) of dissolved minerals. Neither distilled or Reverse Osmosis water will work in a RedOx Machine because these waters do not have minerals.

Note 1: The ORP surplus electron charge only lasts about 24 hours so plan on making a batch of water every day. Alkalinity lasts about two weeks. Micro-clustering lasts about two months.

Note 2: Do not let the processed water sit in the tanks for more than a few minutes after disconnecting the electricity as the two waters will begin to recombine..

How long should you brew RedOx Water?

How a RedOx Machine brews water depends on the quantity and type of minerals in your water. You can find out about your water by: 1) Calling your water company. 2) Buying a Total Dissolved Solids meter (\$100) and measure the water yourself. 3) Send a sample to an certified lab.

The easiest way to evaluate your water is

... how the water tastes after brewing.

As you brew RedOx Water, the water tells you when the water is brewed “just right” for you. Some people will taste a slight effervescence, others an alkaline flavor, and others have a sense that the water “disappears.” Few people notice all three changes in the water. Use the following guide lines to find out which “characteristic” you notice.

A slight effervescence. How RedOx water should taste after brewing is often described as the difference between the taste of freshly picked, fresh squeezed orange juice compared to bottled orange juice. Fresh squeezed orange juice has a slightly “effervescent” tingling taste caused by the high levels of ORP (about -100 millivolts). To more easily recognize this change in the water, before you start to brew water, taste your filtered water and make a mental note of how it tastes. After brewing for one hour, taste a teaspoonful of the water to see if the water has become slightly effervescent, like fresh squeezed orange juice. If you notice a change, stop brewing and begin drinking. After a few days, if the water tastes is not a tingly, brew longer until the tingle returns (Your taste is getting accustomed to the water.). Most water will become slightly effervescent in less than three hours. Some heavy mineralized water needs to brew for eight hours. Brew as long as necessary until the water tastes refreshing ... like fresh squeezed orange juice.

How long should you brew, page two

An alkaline flavor. Some people cannot taste the “tingle” from fresh squeezed orange juice. If that is you, then you will need to evaluate the strength of the RedOx Water by how “alkaline” the water tastes.

To learn how slightly alkaline water should taste, add 1/8 of a teaspoon of Baking Soda to one cup of filtered water. Taste the water and notice the “flat” taste. That taste is alkalinity.

Fully brewed RedOx water will have a similar taste but probably not as pronounced since chemical alkalinity (baking soda) has a distinctive flavor while electrically alkalized water has no distinctive flavor, just alkalinity.

A smooooth flavor. Some people will only notice the water “disappear” when it has been brewed just right for them. The smaller clusters of water molecules in RedOx water give these people the impression that the water was absorbed before it reached the stomach. Does that really happen? I don't know. While I have experienced the sensation, I have not seen any studies that confirm or deny the experience.

How long is TOOO long? RedOx Water has been brewed TOOO long when the water stings your throat or feels like a lump in your stomach. A RedOx Machine will continue conditioning water until the electrolytic minerals are depleted or you unplug the machine. How strong the water can become is determined by mineral content and brew time. For example, some water will change from pH 7.2 to pH 9.5 in as little as three hours. Other water alkalizes from pH 7.2 to pH 9.5 in eight hours. Usually RedOx Water is too strong when in excess of pH 9.5.

Odds and Ends

The water should NOT drinking for the new machine, until the tanks and electrodes.

Electrodes are to the electricity for one hour. The electricity for new electrode take in colors of minerals of the water. The electrode cannot be change a light blue, to a grey, and no change.

Mineral Buildup On Electrodes. High mineral content will cause a white mineral deposit on the alkaline (blue tank) electrode. If the deposit is light, switch white electrodes in the tanks. If the deposit is heavy, brush off heavy buildup with a stiff tooth brush, and then switch electrodes in the tanks.

Pitted Electrodes. Sometimes minerals in water, or minerals added to water, cause small electrical arcs.. Pitting does not effect the electrode which can continue to be used in water with fewer minerals. Badly pitted electrodes, that are like sharp saw teeth, should be replaced. There is titanium (grade medical) electrode, is no titanium for your health.

Ph Meter and Paper. If you have a pH meter or pH test paper, pH readings are for reference only. The pH of the filtered water will effect the results . For example, if the filtered water measures 7.2 pH, and after one hour the acid water is 6.9 and the alkaline water is 7.4, then the difference is 0.5 pH. This is a mild RedOx water. However, if the water you start with measures 8.0 pH, then a one hour brew time might change the acid tank to 7.8 pH and the alkaline tank to 8.3 pH the difference is still 0.5 pH.

Not all source waters are equal, some are more alkaline than others. Always brew for the TASTE of the water, not according to the amount of time, or the change in pH. One person's strong water is another persons weak water because we are all at different levels of health. **Pay attention to how your body responds to the RedOx water.**

More Odds and Ends

MEMBRANES: Membranes are rigid when dry and must be soaked until soft before inserted into the machine. Use a twisting pushing motion to insert a membrane into the hole in each tank connector. The corn cob membranes are a biodegradable material which is subject to mildew and mold. If you live in a mold prone area, and do not brew water daily, we suggest you remove the membranes and allow them to dry overnight. Immersing the membranes in vinegar will immediately kill any mold. Thoroughly rinse the membranes before using. Do NOT put membranes in the microwave to sterilize them as the plant fibers (cellulose) may become scorched. None of the membrane should be outside the tank connector where it could touch an electrode. If a membrane touches an electrode, the membrane will become scorched and the electrode will become pitted.

Adding minerals: If you use distilled, reverse osmosis, or low mineral water, you will have to add minerals. DO NOT ADD MINERALS DIRECTLY TO THE WATER TANKS.

Add the minerals to a small clear glass jar until the jar is about $\frac{1}{4}$ full. Add filtered water to fill the jar $\frac{3}{4}$ full. Place a lid on the jar and shake it to mix the water and minerals. The water will turn a milky color. Set the mixture aside until the salt has settled to the bottom of the glass. The water above the salt will be clear. Add $\frac{1}{2}$ to 1 teaspoon of the clear salt water (not the salt) per quart of filtered water in each of the tanks. If the water does not electrolyze, add more salt water. If the electrodes become pitted, use less salt water.

We recommend natural sea salt in the rock form (not ground up for use in a salt shaker) which includes all 76 naturally occurring minerals in our bodies. For those with high blood pressure, potassium chloride crystals is a good choice.

Your can request a sample of sea salt or potassium chloride when you order your machine.

CAUTION: RedOx MACHINES INVOLVE BOTH WATER AND ELECTRICITY.

Use of this device implies acceptance of the risks of using this device.

While this unit operates on only 18 watts of direct current electricity (compared to 7,200 watts of a direct current in a typical automobile battery), the unit does use household electricity and water. As with any household appliance used around water, the primary danger is plugging in the unit into the household electricity wall outlet.



For example, when a person has wet hands while plugging in any household appliance into a 110 Volt alternating current household power supply, a shock may result.

Appropriate precautions should be observed when plugging in any kitchen appliance, whether a radio, coffee maker, electric mixer, or **RedOx** machine.

Like many household appliances, voltage converters retain a small static electric charge for a few seconds after being disconnected from the household electricity. If the alligator clips touch each other immediately after the transformer is unplugged, a small electric spark will result. While the spark will not cause an electric shock, it will startle you. After disconnecting the voltage converter, wait four or five seconds for the static charge in the converter to dissipate before allowing the alligator clips. The electrodes do not retain any static electric charge when disconnected from the alligator clips.

Satisfaction Guarantee.

Use the **RedOx** machine for one full month. Process as much water as you wish. At the end of a month, if you do not feel the **RedOx** machine is of benefit, simply return the machine for a full refund. We will refund the purchase price, but not the return shipping charges (typically between \$10 and \$20).

Please contact us before returning a machine.

Return shipping address: Symbiosis Enterprises 4326 Silva Ave. San Jose, Ca. 95118

Returned machines are refurbished and re-sold at discount, or donated to low income families.

Contact Symbiosis Enterprises if you have any questions.

www.symbiosis4u.us

Manufacturing Facility: 2885 C Aiello Dr. San Jose, Ca. 95111

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