

# The Questions WATER IONIZERS

## What is so unique about Water Ionizers?

The Water Ionization Filter is far, far more than just a filter. Initially, the filter functions effectively using silver activated granulated carbon to purify incoming water, just like 99% of household filter systems. What separates it from ordinary water filters or magnetic devices are 3 important additional benefits:

### 1. Health Benefits

The alteration to the water molecules ( $H_2O$  to  $OH^- + HO$ ) creates changes in the physical characteristics of the output alkaline water (change in pH, oxygen content, lower surface tension, radical ions) and Japanese studies, along with our own clients' experiences here and overseas, have shown significant health benefits.

Unlike devices that filter through magnetic rock, or pre-bottled chemicals-added water, it uses its own microcomputer to accurately control the rate of pH and REDOX (antioxidant quality) output. Everyone is an individual, and therefore everyone needs the ability to receive their own water, according to what their body is telling them it wants.

### 2. Additional Benefits

**Alkaline water ionizers** improve the taste of food beyond that of normal filtered water. It very often allows users to modify their diet naturally and without stress as the user's basic pH balance changes. Weight loss is a common free bonus of drinking from alkaline water ionizers, and it has a major effect on many teenagers' lifestyles.

Users commonly report major health changes, especially for chronic conditions including skin complaints, CFS, MS, Migraine, arthritis and many more. Pets love it.

The acidic 4 level output or even the byproduct acid astringent water is beneficial for skin complaints, may be used as a hair rinse, eye wash, gargle, and for mild antibacterial cleansing. Users have also reported excellent results for Tinea, eczema and diabetic wounds

The Ionizing Water Filter is not a new product. The manufacturer is based in Korea and is the largest Ionizer manufacturer. They exports to 23 countries, and has been in business for 18 years. Millions of Asian and American families now use this amazing, proven product. Way back in 1992, for instance, 130,000 domestic ionizers were sold in Japan alone.

## Just what is the magic in the Alkal Life Ionizer?

The 'magic' is really a simple process called electrolysis, or ionization, something your body has to do every day to make energy available. It is backed up by the high tech ability of micro-circuitry to maintain quality and regular output, plus the ability, through ionization, to remove harmful chemicals and retain beneficial minerals. This is why Sang Whang, author of "Reverse Aging" calls it REVERSE AGING WATER

A custom designed motherboard controls all aspects of the process of ionization, including the range of four separate pH output settings.

### **Will my Ionizer fit my kitchen tap?**

Your water ionizer comes with an adapter kit which will fit most traditional outlets but will not fit some of the designer taps which have pull out handles with a flexible hose.

It is actually simpler than most water ionizers and far simpler than a VCR! You attach the sturdy diverter valve to your faucet, attach the supplied hose to the diverter, and the other end to the inlet valve. Another hose attaches to the ionizer to allow the astringent (acid) water out of the Filter.

### **Do I need any special fittings?**

We have supplied Ionizing Water Filters to many hundreds of homes so far and have found no tap we could not fit.

### **How do I get my ordinary tap water once it's attached?**

The diverter has a lever which swaps your water flow from tap water outlet to Alkal Life outlet. It has an incorporated aerator for your tap water.

### **Can it go under my bench?**

We have installed some Water Ionizers under the kitchen sink bench. There are even a couple installed in mobile vans for nomad Aquarius style customers.

Remember that it needs somewhere for the acid water to flow to. It can go into the dishwasher inlet on the S-bend, but it *is* valuable water and you'll probably want to keep it to use. The Alkal Life water ionizer is not a pressure unit so it doesn't have to be plumbed in line with your other taps.

### **Can I fit it to my existing filter?**

Yes

### **What can I use the acid water for?**

It is excellent for all manner of skin complaint. We use it as an astringent face wash last thing at night, we fill the fountain with it and at last the fountain doesn't go green in 3 days, it's excellent for hair care, acne, sores, bench top sterilization and more. Hardly a week passes without a call from a client who has found a new use for it.

We collect it in the sink and after rinsing our dishes we dip them into the acid water to sterilize them before putting them away.

We also put it onto our pot plants because it closely resembles rainwater

### **Why does it 'split' the water into acid and alkaline?**

The 'splitting' of the inlet H<sub>2</sub>O is the proof that the Ionizer does what it says it does.

The process of splitting causes the following:

- a. Approximately 70% of the H<sub>2</sub>O input is molecularly rearranged into OH<sup>-</sup>, or alkaline, negatively charged water.
- b. Approximately 30% of the input H<sub>2</sub>O is molecularly rearranged into HO, or acidic water.

Some companies sell units that just use magnets or magnetic rock to affect the water. Products that claim the benefits of water ionizers but do not electronically split the water will not hold the negative charge long enough for it to be of any real value, or will not be able to exert enough magnetic power to cause the water to become negatively charged. The water will reunite very quickly back into ordinary H<sub>2</sub>O.

### **What about these no-filter backwash systems?**

There is only ONE backwash system made by a small Japanese company and promoted by an American company with the help of an advertising agency. Backwash systems come and go but have never caught on because they have never been able to match their claims. Industry experts will tell you that even in commercial systems, backwashing is a risky hygiene decision simply because unfiltered water is used to back flush the filter, thereby compromising its cleanliness. Imagine the state of your sink, over the years, if you used hot water only (without scrubbing).

Extravagant claims have been made over the years about longevity using backwash, but in the systems we have tested, we have found that the effectiveness of the devices seems to diminish within as little as a couple of years.

The other problem of backwashing systems that 'emit' minerals is that no filter has ever been able to uniformly emit, leach or add minerals to output filtered water. Whilst they may emit beneficial added minerals when you purchase them, there is no guarantee that they will continue to do so, and the longevity claims make this even harder to

substantiate. The longer all water filters work, the less efficiently they work. If part of their promise is uniform delivery of beneficial minerals, then only time will tell. Unfortunately for purchasers of these systems, there is no way to tell if they are delivering what they say they do without expensive laboratory tests.

### **Why can't I just drink water?**

You certainly can, but if you're like us, you have never really got into the water habit because it was too much like a lead balloon. Ionized water from water ionizers is *light* water. It has a smaller molecular cluster and we can drink it all day. Our families loves to drink it.

You CAN just drink water and you will harvest *some* of the benefits we speak of, but it still can't penetrate your cells like alkaline, ionized water, and this is why ionized water with its bounty of negative oxygen ions is able to rid you of acid wastes in the cells. It can go where ordinary water cannot, and it has the ammunition to neutralize free radicals, the cause of disease, illness and aging. This is also the fundamental difference between **water ionizers** and so-called bottled anti-aging water. This water is 'live'.

### **How do I know if I have acidosis or an acid-overloaded system?**

Most Westerners do. The pace of life, the state of our foods, the concentration of acid-producing items in our diet means that 99% of people are overloaded. You know that rare individual who seems calm all the time% It's a very good bet that he or she isn't acid overloaded.

You can use a litmus urine or saliva test to give you some idea of your acidity. Your nearest drugstore will care pH strips for these tests. This is not foolproof, however, because your body is always attempting to balance your acid and alkaline levels and could well be getting rid of a load of acid at the time of the test. It pays to look at your diet. There are many sites that will give you a list of acid and alkaline-producing foods.

### **Why does the water ionizers filter leave some minerals in and not others?**

The filter is a silver activated antibacterial charcoal filter. It filters up to 0.01 microns, which, according to John Archer's book *The Water You Drink* filters out even viruses. However it does *not* filter out minerals that are in solution. Calcium being a suspended mineral, is removed by the filter.

However we can, if we choose, add calcium to the inlet port on the top of the machine which is made for this purpose.

It's important to understand, however, that our body's calcium levels are only ever changed to a maximum of 15% by dietary supplement. The real loss is in the body leaching calcium from our bones to balance our excess acidity (70%). As your water ionizer does its job and relieves your body's task of maintaining an alkaline balance, far

less calcium would need to be leached from the bones. In other words, ionized water reduces the need for calcium supplements over and above normal dietary intake.

### **What about hard water areas?**

No problems.

### **How do I change the filter?**

Open the back, grab the filter, press down a little, and pull it out. Run the system for a few minutes to clear away any loose charcoal.

### **Is the Ionizing Water Filter just another new, unproved fad?**

The Water Ionizers have been in use worldwide for more than 20 years. The same concept has been used for home and industrial applications. In Korea, it has been approved by the Ministry of Health and Social Welfare. Millions are already in use in Japan.

There are, incidentally, a number of health-oriented individuals who have owned water ionizers for some time having imported them privately.

### **What are some of the more harmful organisms and chemicals removed from water by the Alkal Life Ionizer?**

Chlorine & Trihalomethanes, Suspended solids, Cryptosporidium, Parasites (cysts), Waterborne flu virus E-coli, Suspended solids, Organic compounds, Bacteria and Radioactive particulates.

### **What maintenance do water ionizers require?**

None. Alkal Life has a self-cleaning reverse polarity systems which fully and automatically cleans itself.

### **What is so special about the Ionizer's water treatment?**

The Ionizing Water Filter isn't special in the countries it is established in. In Japanese and Korean health institutions the use of water ionizers have a history of over 20 years. Americans have been drinking Ionized water for ten years.

We do not believe in baffling you with science, so we need to say that ionization isn't special in nature. It is a process that occurs all the time, yet was lost to us in water only in the last century as our lifestyle dictated that water must be transported to us many miles from source and processed chemically to make it "safe" for us to drink.

We should also point out that there are many, many gizmos on the market that promise the benefits ionized water gives. Rather than spend your valuable time on analyzing their sometimes convincing but usually overseas claims, I'd sooner just advise that you ask them to put everything in writing. The nature of the law means that people can no longer tell whoppers, but it has spawned a whole new way of telling whoppers as long as you say somewhere close by that the whopper is 'anecdotal'. We have refrained from publishing any unattributable claims about what Ionized water has done for people, and leave it to you, the customer, to make your own mind up about other websites or products.

Further, we do not pay for "scientific" reports. Remember, the wilder the claim, the more anecdotal evidence there will be to support it. *Caveat Emptor*. Let the buyer beware.

### **I know what I should eat and drink to be healthy, but I can't seem to keep to a consistent program. How will an ionizing filter help me?**

Ionized, microclustered alkaline water is perfect for people like you. You only need to drink it to enjoy its many health benefits. Your Ionizer has a number of graduated settings of ionization.

### **So what if the water is easier to absorb?**

With the increased solubility of the water, it is more readily absorbed into your body. Your skin and hair becomes significantly softer. In addition, it can enhance the absorption of vitamins and minerals into your body. It also may help clear up some digestive problems.

### **Why is some water healthier than others?**

People located in the Hunza Districts of Pakistan, Shin-Chan areas of China, the Caucasus in Azerbaijan, and in the Andes Mountains live longer with less health problems. Researchers believe that these waters are very pure and have a negative redox potential caused by either intimate contact with certain native volcanic materials/minerals or by cascading over certain igneous rocks. It is believed that Alkal Life Ionizer is able to produce the same effect.

### **Shouldn't we be drinking water as close to our blood pH as possible?**

In a perfect world, we would have perfect pH input to our bodies. Unfortunately this is not a perfect world and the reason Ionized alkaline water is so popular is because we are almost all excessively acidic. The pH of our blood is the supreme commandment of the body. All systems work to support its stability, most often to the detriment of 'lower order' body systems such as pancreas, kidneys, bones, and pH buffering system. Even the lower intestine suffers with leaky gut syndrome when the stomach can't digest properly, and the stomach can not digest properly if the blood pH is being supported first by robbing the stomach of its alkaline pH buffers. We are not an unlimited system, and our

bodies are forever shunting resources around to the place of most need. Because we have an excess of acid entering our bodies, and a scarcity of alkaline foods or water, we drink water that is more alkaline than the blood pH. Scientists at Shiga University in Japan have determined the best pH for drinking water to be between 8 and 9.5.

This is important to remember because some system sellers will attempt to convince you of the correctness of their low pH change. In some water supplies, the water arrives with a low alkalinity (7.5 -7.8, so there is really no point in paying for a water device that promises water like you are already getting from the tap.

### **Where is the Ionizer made?**

Alkal Life is made in Korea.

### **What if I have a problem installing my Ionizing Water?**

The Ionizer is very easy to hook up to most conventional faucets. Simple instructions with diagrams accompany every filter. If there is a problem, we are always on hand to assist you

### **What kind of warranty do they have?**

We offer a one year warranty on the Alkal Life. There is also a 100% money back guarantee with in 7 days for any reason you are not satisfied. We will repair or replace any part which, in our opinion, is defective. This warranty is voided if the unit has been subjected to tampering, alteration, or improper use after delivery or has been repaired by anyone other than an authorized representative

### **Will you be here in 5 years time?**

We have no plans on escaping to Cuba at this moment. If you want to take USA as an example, sales of microclustered water has grown from a trickle to a torrent. We believe in what we do and plan to be around because we have found a business that helps people.