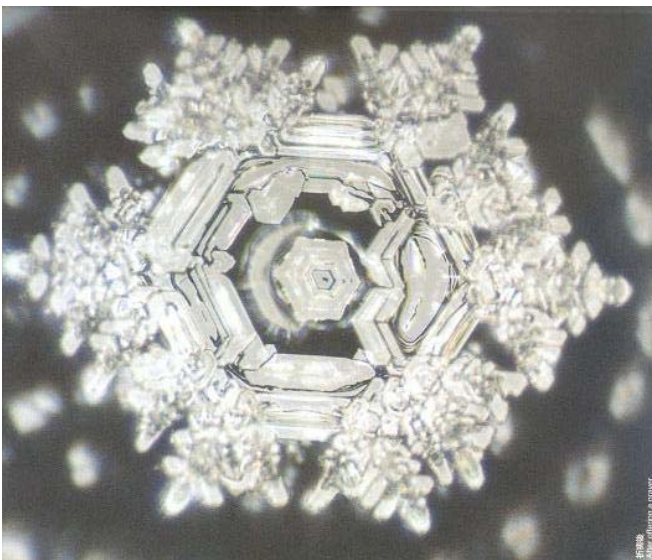


Water Technopath



Water Crystals from tap water - above
Water Crystals after prayer - below



Drinking Water Supply



PASCAS FOUNDATION (Aust) Ltd
ABN 23 133 271 593

Queensland, Australia

Pascas Foundation is a not for profit organisation

www.pascasworldcare.com www.pascashealth.com

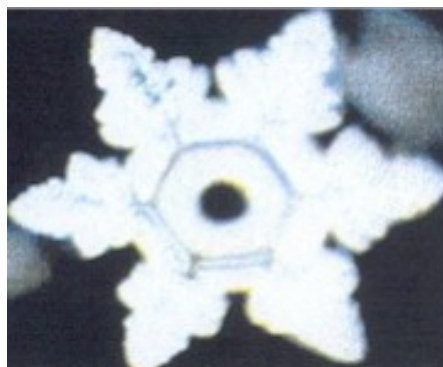
Em: info@pascasworldcare.com

Em: info@pascashealth.com

WATER SAMPLES:



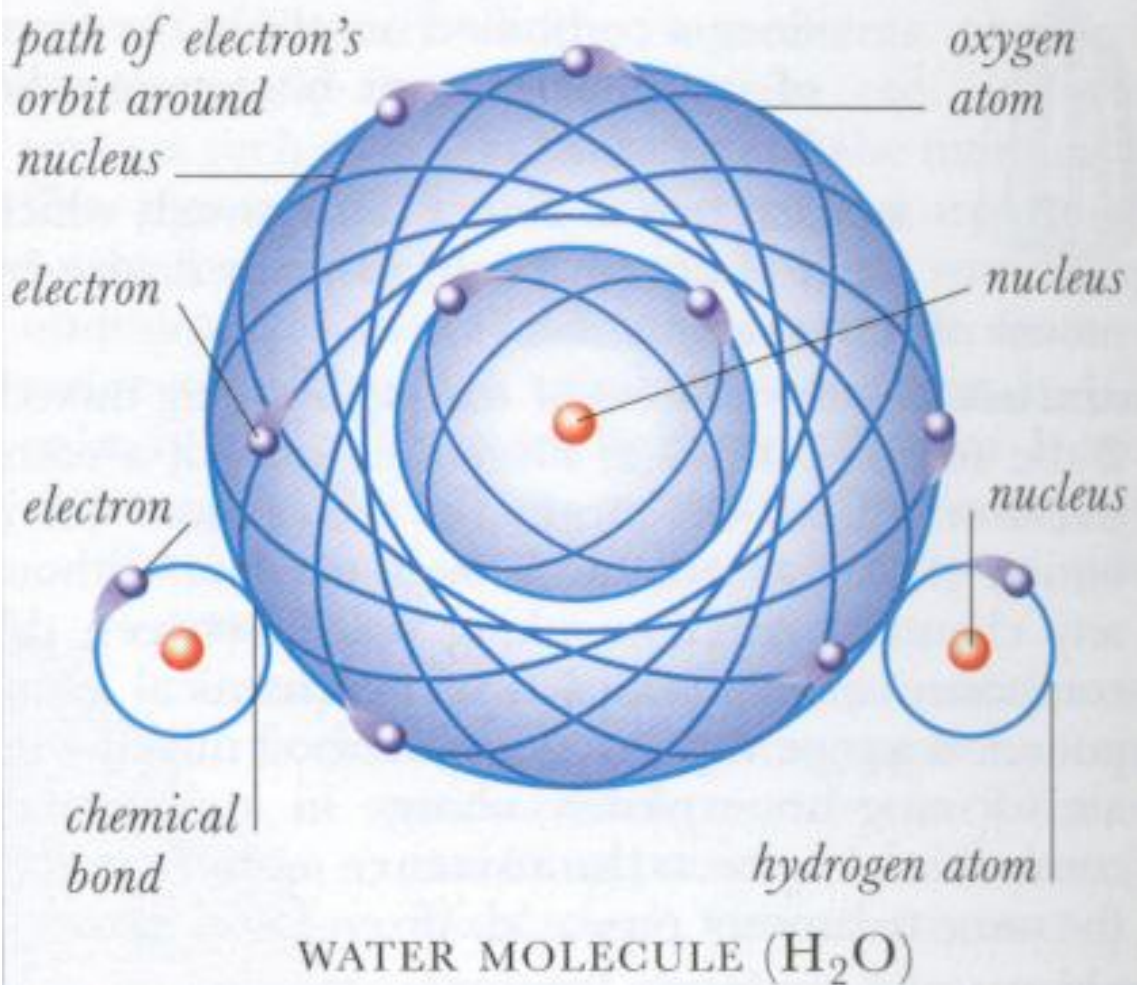
Before and after
immune vibrations

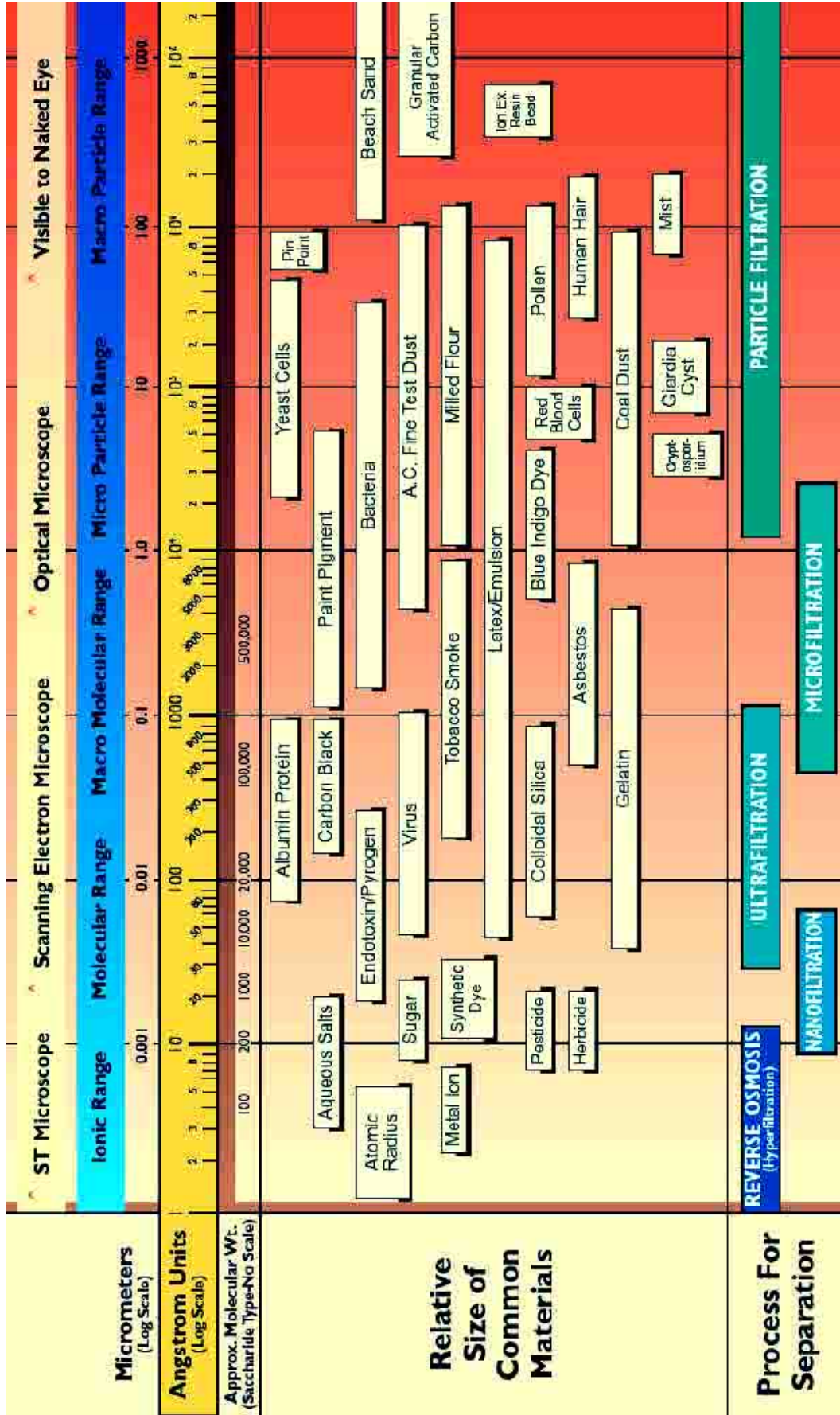


To the purest water on earth.

MOLECULE

A molecule is a discrete unit made from atoms joined together by chemical bonds. All molecules of the same compound are identical. All water molecules, for example, consist of an atom of oxygen, chemically bound to two hydrogen atoms. Molecules may consist of just two atoms, or many thousands.





The CONSEQUENCES of CHLORINATION and FLOURIDATION:

Living Energies by Callum Coats chapter 15

Water is **the** issue most crucial to all life on Earth. Water is the life-blood of our planet, the life-giving fluid in all organisms, plants, animals and human beings alike, flowing as sep, lymph or blood; our very existence is therefore intimately connected with the quality of water available to us. It is vital for our own lives and those of our children that we should become seriously concerned not only for the health, vitality and quality of the water we drink, but also for its original source and the treatment it receives. Apart from our own consumption of it, this same water is also used to grow everything we eat. If we want to live in health and happiness, then the living entity – **water** – should be revered and the most sensitive care taken of it.

Today the drinking water supplied to almost all the inhabitants of so-called civilised countries is chlorinated and sometimes even fluoridated. The purpose of this treatment is to sterilise the water, to free it of all noxious micro-organisms and pathogenic bacteria.

Present methods of water treatment and reticulation kill water, however, and bad water or wrongly treated water debilitates, degrades, degenerates and ultimately destroys those organisms constantly forced to drink it. Science, however, completely overlooks the fact that water – as life-carrier – is itself alive and needs to be kept in this condition if it is to fulfil its naturally ordained function for, as Viktor Schauberger has stated:

Science views the blood-building and character influencing UR-ORGANISM – ‘WATER’ merely as a chemical compound and provides millions of people with a liquid prepared from this point of view, which is everything but healthy water.

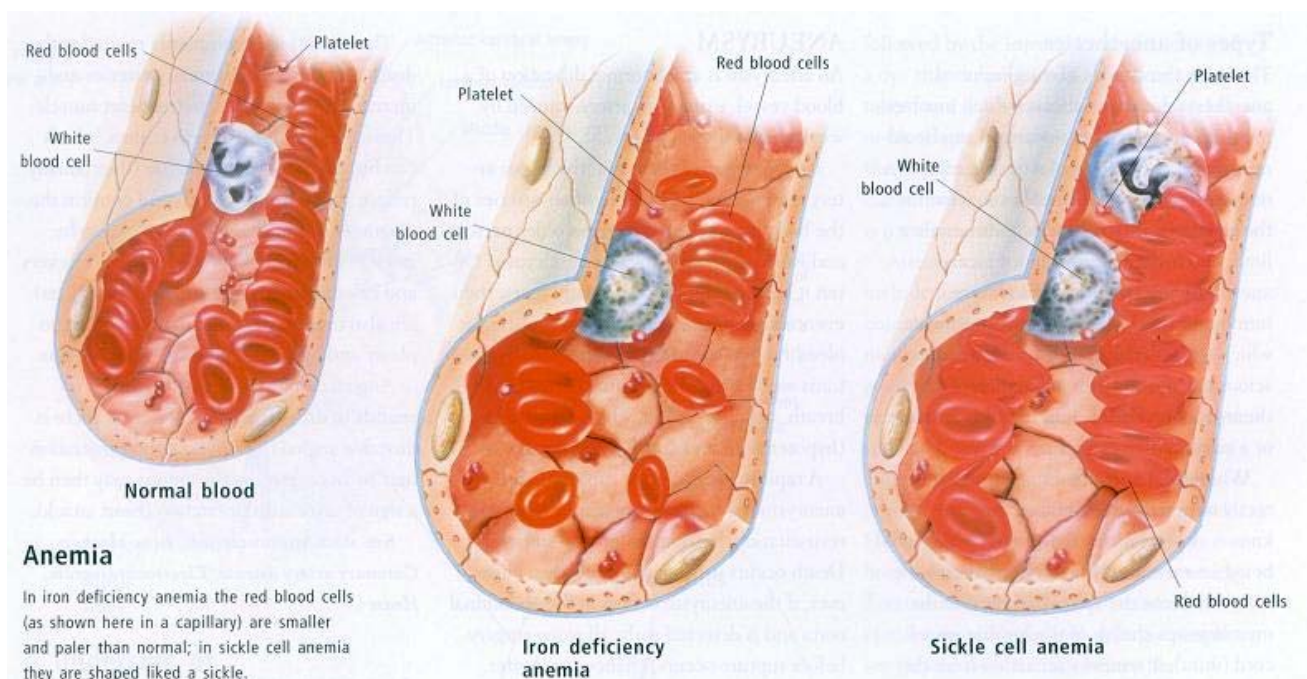
But what does modern, denaturised civilisation care, as long as it receives a suitably hygienised, clear liquid with which to shower, wash its dishes, clothes and car? Once down the plug-hole, in company with all manner of toxic chemicals and detergents all is comfortingly out of sight and out of mind. As proof of the efficacy of current disinfective practices and to justify their continuance, officialdom usually points out that such water-borne diseases as cholera and typhoid are virtually unknown in all countries where the water is chlorinated.

Thus reassured, the broad mass of the population blithely continues to bask in the luxury of apparently disease-free water in complete ignorance of the perils arising from its constant consumption, for what is never stated in official explanations is the cumulative effect this treatment of water has on the organisms forced to drink it. What people do not know is that, although the chlorination of drinking and household water-supplies ostensibly disinfects it and removes the threat of water-borne diseases, it does so to the detriment of the consumer.

In its function as water steriliser or disinfectant, chlorine eradicates all types of bacteria, beneficial and harmful alike, so that what arrives at the tap or faucet, while indeed free of every possible organism, is water that has been sterilised to death; in other words, a water-corpse. More importantly and more alarmingly, however, it also disinfects the blood (up to 90% water) or sap (ditto) and in doing so kills off or seriously weakens many of the immunity-enhancing micro-organisms living in the body of those organisms that continuously consume it.



Water Crystals –
London tap water



In view of the fact that our body's water content amounts to 45 litres and that our daily consumption of water is about 2.4 litres, just consider the following:²

THE BLOOD PLASMA	—————>	(main blood component)	—————>	about 92% water
THE HUMAN FOETUS	—————>	(our growing physical vehicle)	—————>	about 90% water
THE BLOOD	—————>	(life-fluid & nutrient conveyor)	—————>	up to 90% water
THE HUMAN BRAIN CELLS	—————>	(intellect, creativity, behaviour)	—————>	are 85% water
THE KIDNEYS	—————>	(fluid processors & purifiers)	—————>	are 82% water
THE MUSCLES	—————>	(prime movers of the body)	—————>	average 75% water
THE BODY	—————>	(our abode on Earth)	—————>	is 71% water
THE LIVER	—————>	(metabolism regulator)	—————>	is 69% water
THE BONES	—————>	(structural support system)	—————>	are 22% water
THE BODY'S CELL-FLUIDS	—————>	(basis of growth & development)	—————>	are mainly water

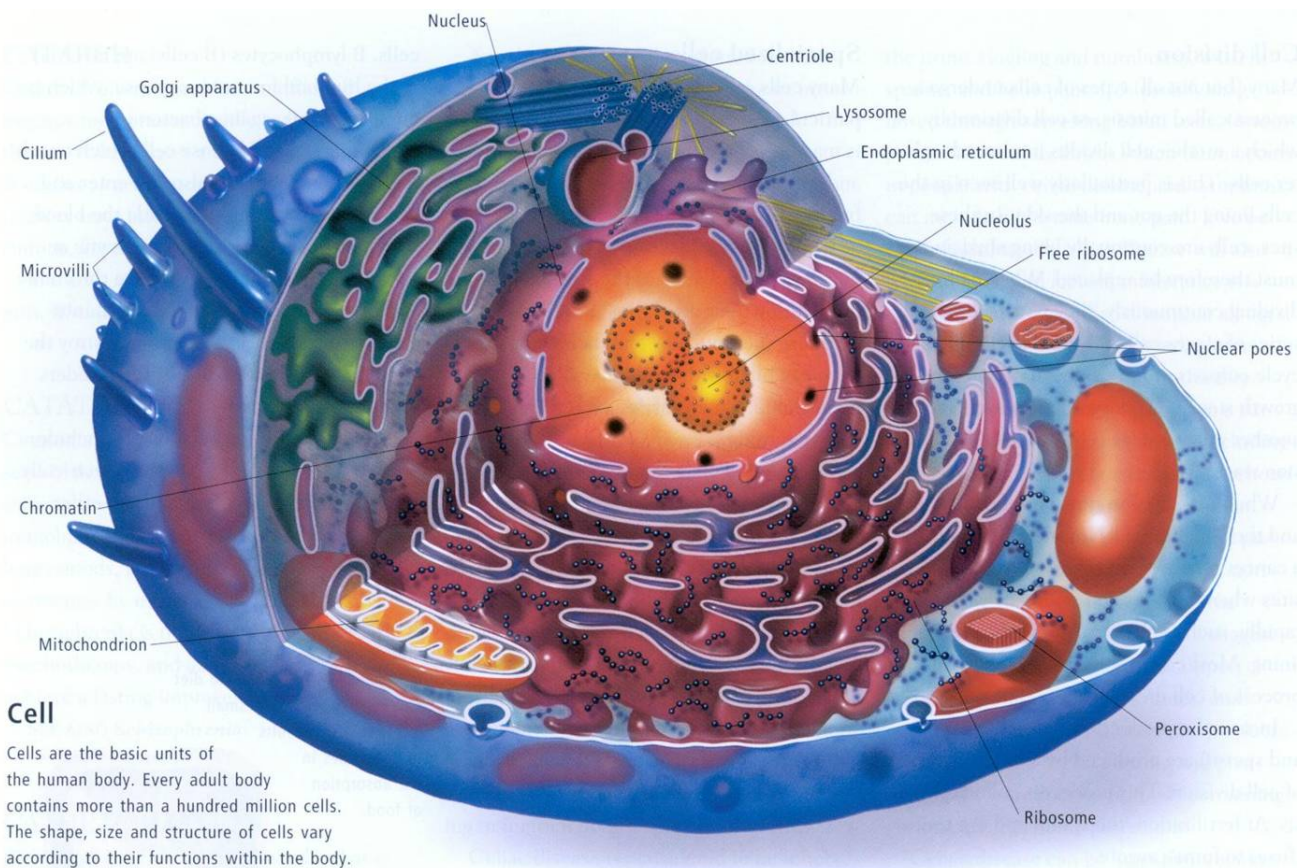
This eventually impairs their immune systems to such a degree that they are no longer able to eject viruses, germs and cancer cells, to which the respective host-bodies ultimately fall victim. **We therefore actually sterilises our blood when we drink chlorinated water, thereby readying ourselves for the onset of disease.**

Of late there has been an alarming increase, not only in hitherto unknown diseases, but in all forms of sickness, cancer in particular. Even the appearance of other lethal afflictions such as AIDS would have come as no surprise to Viktor Schauberger, for apart from the inevitable disturbances to the ecology and the environment occasioned by humanity's unthinking activities, as early as 1933 he foresaw all these unwholesome developments as the legitimate and inevitable consequence of the mistreatment and artificial pollution of water with chemical additives.

Just imagine what effect the constant drinking of dead or diseased water has on the blood and all the vital organs of the body. What happens to the life force essential for healthy growth?

And what are the effects of chlorination? Chlorine is not added to drinking water in vast quantities. Averagely it is administered at about 10 parts per million (ppm) providing always that the dispensing and metering equipment is properly maintained and monitored. [In the 1995 drought, thousands of residents of Cornwall in south-west England got ill, when the volume of water in the supplies was insufficient to ‘water down’ these chemicals ‘safely’.]

According to Nobel-prize winner Professor Otto Warburg, later confirmed by Nobel-prize winner Professor Gerhard Domagk, cancer cells were formed as a result of a deficiency of oxygen, which produces a reversal in the metabolism whereby the nutritive substances are fermented by the cells into lactic acid. This provides the cell with additional energy to grow more rapidly and to divide faster than other cells, eventually developing into a cancer cell proper, oxygen shortage and over-acidity being the characteristic hallmarks of cancer cells.



There is a further noxious characteristic of chlorine worthy of note. Because even a small ray of light suffices to make it explode, chlorine gas has to be mixed with water in darkness. It could therefore be reasonably assumed that even on the minutest scale, explosions will occur when the capillaries immediately under the skin are exposed to sunlight, causing their partial rupture. Chlorine-dioxide (ClO_2) is also used for water purification and, while it is soluble in cold water, it begins to decompose as the water warms up and at roughly $+90^\circ\text{C}$ it forms chloric (VII) acid which similarly explodes and oxidises strongly. In biochemistry and biology it is employed for the decomposition of organic matter for analytical purposes.

All these abnormal oxidising processes cause the dislocation of the natural energy-flows in the body, which in turn raise its general temperature, thus placing it in a disease-prone condition. Disease after all is the way that Nature removes all organisms that no longer healthy or viable in her scheme of things and which stand in the path of evolutionary progress. A recent study found that in water purification it *“produces by-products that cause 18% of rectal cancers and 9% of bladder cancers.”*

Artificial fluoridation of the water supplies is another pernicious process with equally alarming consequences for the drinker. There are two different forms of fluoride, one of which, calcium fluoride, is naturally occurring. Where present in the groundwater or wells it has been observed that the teeth of those who drink such water are much stronger and less prone to caries. The other, sodium fluoride is not found naturally and is a poisonous by-product of aluminium smelting and used in insecticides.

But what to do with this growing pile of poison without incurring huge storage costs? It could not merely be flushed into rivers or used in agriculture, because it kills livestock, wildlife, fish and crops. Indeed the offspring of the 3rd generation of rats given 1ppm of sodium fluoride in their drinking water were crippled at birth. How and why sodium fluoride ever found its way into toothpaste is a mystery. Perhaps some mistaken bureaucrat thought it had the same beneficial effect as calcium fluoride and required its addition to drinking water.

Many children, however, have become innocent victims of this disastrous confusion, their bright smiles having been disfigured with seriously discoloured teeth, as well as increased brittleness of their bones. In a recent New Jersey Department of Health study fluoridation has been linked to a rare form of bone cancer known as osteosarcoma. This study showed that, in contrast to non-flouridation municipalities, the incidence of osteosarcoma was 50% higher in males under 20, an almost seven-fold increase in young males between the ages of 10 and 19 occurring in the three most affected communities.

But this not where it all ends. Ultimately all these malpractices not only have the direst consequences for the body, but also for its more immaterial attributes and here we shall quote Viktor Schauberger once more:

A particular inner temperature produces a certain physical form which in turn generates the special kind of immaterial energy we encounter in a more or less highly developed form as character. Hence the old saying ‘Mens sana in corpore sano’ (a healthy mind in a healthy body). If the composition of the basic substances of the body should in any way be altered, then the metabolic basis for the further growth of the body must not only change, but its spiritual and intellectual growth and further development as well.

Viktor saw the proper physical formation of the brain as being crucial to what it was able to produce in the way of concepts, ideas and behaviour, ethical and otherwise; the lower the quality of the physical structure, the more inferior the morals and ethics. In the same way that the narrowly spaced annual rings of trees produced high-quality, resonant timber, the production of good thoughts in harmony with Nature, and in consequence good character traits, was only possible with a well and healthily-grown and developed brain with close-knit windings.

Unwholesome food, poor water and the resultant slight overheating, in his view gave rise to the formation of coarse convolutions in the brain’s overall structure, creating a brain that was incapable of either functioning intuitively or of comprehending the subtleties of Nature’s processes. It degenerated into an organ able only to think logically, but never biologically, never with a living logic aware of natural energetic interrelations and interdependencies. In a sense, such a brain could be likened to a

poorly designed musical instrument constructed of inferior materials and thus unable to create truly harmonious sounds affecting the world harmoniously. There is plenty of evidence in support of this, for daily we are made aware of the rise in mental afflictions, depression, dyslexia, irrational and brutal behaviour, and hyperactivity to name a few, which are affecting more and more people at an increasingly younger age.

The water we drink and food we eat are by means the sole cause, but in the light of all this precautionary evidence we should at the very least ensure that what we eat and drink is of the highest possible quality. Moreover, we should call the responsible authorities to account for their misdemeanours, even though these may have been unintentional, for it is we, particularly the poor, and not they, who finally have to pay the price in suffering and misery for their inaction. We should refuse to continue to be forced to drink water as presently prepared, for in drinking chlorinated and fluoridated water not only do we harm ourselves physically and mentally, but we also pass on a terrible genetic legacy to our children.

A thorough investigation and highly publicised public inquiry into present methods of water purification should be put in hand immediately by an independent body of competent, unintimidatable individuals. These should be selected from all branches of science and medicine, including so-called alternative practitioners, whose awareness in some areas far exceeds those of orthodox disciplines. Should its publicised findings recommend the immediate cessation of current practices in water purification, then neither the government nor the respective authorities will be able to continue to brainwash the population and will be forced by the ballot box to take action and put the necessary and urgent remedial measures in hand forthwith.

The reality is this: **No one fully understands what water is!**

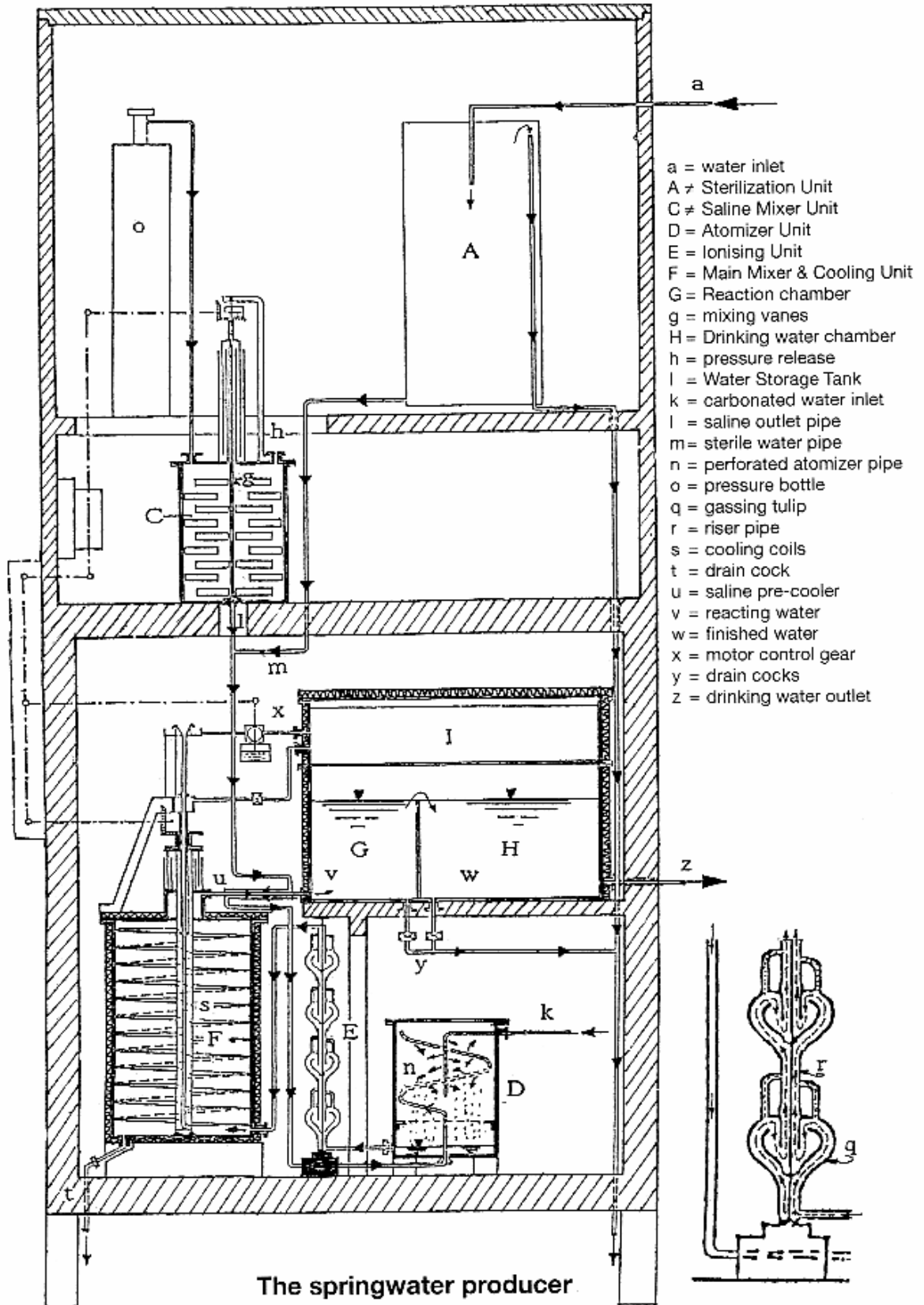
Back in the early 1900's [Victor Schauberger](#) coined the term "living water" as his research discovered that water had a livingness, or vitality when in its natural state. He discovered that when water is forced to travel through pipes it becomes stripped of its electrons and loses its natural geometries. These natural hexagonal, snowflake-like geometries or [water clusters](#) are what are found in the healing waters around the world in places like Lourdes and is what gives those waters their healing properties.



They are also found naturally within our cells at birth, however become unclustered and unstructured due to exposure to pollutants, and radiation. This loss of the original cellular geometries of the water in our cells is responsible for the aging process at a cellular level, and has been shown to be linked to almost every disease known to mankind.

Researchers in Japan have discovered that water is ALIVE and conscious and responds to many external influences such as different types of music, the words we utter, and even the thoughts we think. In his book, [The Message from Water](#), Masaru Emoto shows photographs of the water molecule resulting from his worldwide research on the effect of ideas, words, and music upon the molecules of water. The photos below are taken from the book of his published results.

SPRING WATER PRODUCER as designed by Viktor Shaugberger in 1930's:



In the apparatus on the next page surface water, i.e. the most available form of water, is introduced into a container *A*, where it is irradiated by a mercury-vapour lamp, which kills off many of the harmful bacteria, and where the necessary cooling process also begins. The water then flows down to the outlet *m* below a mixing vessel *C*, where, under a pressure of half an atmosphere, this largely mineral-deficient water is mixed drop by drop with the salts and other minerals necessary to build up a high quality water. From here it proceeds to a vessel *D*, where it is sprayed through perforations in a spiral pipe *n* from the outside inwards, at the same time that carbonated water is sprayed from a similar perforated tube *k*, but from the inside outwards. A mixing between the two types of water occurs, gradually blending them, and they fall through what appears to be a mesh screen (not described in the patent document), from where, now as a combined liquid, they move up through a series of tulip-shaped glass vessels *E*.

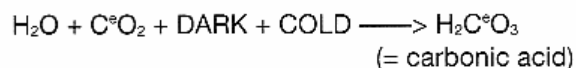
As this liquid rises, the carbon-dioxide (also known as CO_2 or carbonic acid gas) in the water accumulates at the top of each tulip, as shown in the larger detail inset, the amount progressively diminishing, the higher the tulip on the column. The greater part of the water, however, first moves upwards around the outer bowl of the tulip *q* and then downwards around the inner bowl. Upon reaching the central core, it then moves upwards again. As the water pressure gradually builds, the carbon-dioxide trapped in the upper part, is forced upwards through the small tube above the tulip and back into the main body of water.

By the time the water reaches the top of the tulip column, there is no free carbon-dioxide left. All of it has been absorbed into the water in the form of carbonic acid (H_2CO_3). Whether we are concerned with H_2CO_3 or ($\text{H}_2\text{O} + \text{CO}_2$) as discrete entities is largely dependent on temperature and pressure. Somewhere in this series of tulips, laminates of silver and gold are attached, (their actual position is not described), which create a small electrostatic charge that ionises the various particles in the water, enhancing the combination and

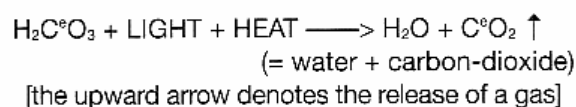
recombination of the various minerals and salts. From the top of the tulip-column, the water then flows into a silver-lined¹⁰ cooling vessel *F*, containing a large auger, i.e. an archimedean screw, which slowly rotates in the opposite direction to its slope, thus encouraging the water to remain there to be cooled by the cooling coils mounted on the exterior of this well-insulated chamber.

Moving upwards from this vessel, the water then enters a large, insulated sleeve-pipe *u*, through which the pipe containing the descending saline and mineral solution passes, pre-cooling it on its way to the spray chamber *D*. From here the prepared water passes into the final chamber *I*, which is divided into two compartments. The first *G* (left-hand side) allows certain residual reactions to take place, such as the interaction between the content of carbon-dioxide and oxygen, before finally overflowing into the second compartment *H*, when it is in a condition suitable for drinking. From here it passes to the outlet *z*, ready for consumption.

In this process carbon-dioxide is bound with the water in stable form as occurs in Nature, i.e. by processes of cooling and densation through which the carbon-dioxide is converted into carbonic acid. In its simplest representation carbonic acid is a compound of the three elements of carbone (C°), oxygen (O) and hydrogen (H) in the form of water (H_2O) plus carbon-dioxide (C°O_2), and is produced naturally in the coolness and darkness of the Earth. According to the legitimate interpretation of chemical formulae, the combination of these elements should produce the following result:



which is the very foundation and the most important ingredient of high-quality, mountain-spring water, the other form of energy that makes all life on this planet possible. Conversely



CLUSTERED WATER™ — RESEARCH & DEVELOPMENT:

http://enchantedmind.com/html/nutrition/clustered_water.html

Clustered Water™ has been found to be a specific form of water instrumental in key cellular functions. Research has shown that the lack of this specific form of water is responsible for cellular aging and cellular problems. When we are young, our bodies are full of clustered water. As we grow older, our clustered water becomes physically bound to other molecular structures and becomes unable to move freely through the cell walls. Our body contains approximately 50 trillion cells. The water that sustains them is called clustered water. Unlike tap water, rain or mineral water, Clustered Water™ has a particular characteristic which allows it to pass freely through cell walls, delivering oxygen, nutrients, protein chains, enzymes and it removes the toxic buildup that accumulates in the cell. The efficiency and speed of Clustered Water™ is due to the design and shape of the water molecules and the design and shape of the cell itself. Small water clusters fit into and through the hexagonal channels in the cell membrane and inside the cell.

- Studies show that 2% loss of cellular water decreases energy levels by as much as 20%.
- Over 99% of all chemical reactions in the cell are facilitated by water.

HISTORY OF DR. LEE LORENZEN

Dr. Lee Lorenzen has an impressive academic background; he received his BA in Biology from the University of California at Berkeley. Dr. Lorenzen went to UCI School of Medicine, Research Associate in the Department of Pharmacology; did his graduate studies in Biology at Cal State Fullerton and finished up with Doctorate studies in Nutrition at Metropolitan Collegiate Institute, London, UK. Along with these educational achievements, Lee also ventured into teaching before entered into research and development. He is an active member of the American Preventive Medical Association and has been awarded 2 US Patents on Clustered Water™ technology (5,711,950 & 6,033,678).

Lee has written and narrated many video and audiotapes on nutrition and health care for the general public, and he has lectured extensively on the life sciences around the world. He has published articles in the Proceedings of the Western Pharmacology Society, Life Sciences (London), Food Technology Japan, up-to-date Food Processing and La Vie Japan.

A CLOSER LOOK AT WATER CRYSTALS

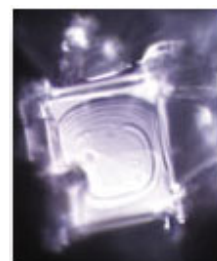
Tap Water

Medical College of Wisconsin's Dr. Robert Morris has been the featured water expert on Dateline NBC. Dr. Morris and colleagues at the medical centre have concluded after examination of ten previous studies of the cancer-causing problems of chlorinated water, "There is a clear pattern between consumption of chlorinated water and rectal and bladder cancer." It is projected that by the year 2015 the combined death rate from bladder, rectal and pancreatic cancer will exceed the lung cancer death rate due to carcinogens in water and food.



Distilled Water

Water is shown to have memory. This molecule is a perfect example of what happens when this memory is stripped or erased.



Water from Polar Ice, an example of Pure Water

This beautiful hexagonally shaped water crystal is a perfect example of pure Clustered Water™. This water, found two miles deep in polar ice as once found abundantly on earth.



Clustered Water™

Clustered Water™ helps transport nutrients, enzymes, and proteins into the cells. Clustered Water™ also helps remove waste products and helps maintain proper communication between cells. This allows us to sustain the high clustered water levels so necessary in our body.



Cat's Claw

Cat's Claw has been used for centuries by the ancient tribes inhabiting Peru, Columbia and Ecuador, with use documented to 300 B.C. The Plant has been called by many names throughout history, but is commonly called cura cura or una de gato (Cat's Claw). Cat's Claw has been documented as tonic, an anti-inflammatory, and an adaptogen. It is estimated that over 40% of the people in Lima, Peru's capital, consume Cat's Claw on a regular basis because of its numerous beneficial effects.



HEALTH BENEFITS OF CLUSTERED WATER™

- Energizes the body
- Hydrates cells and organs
- Helps remove waste and toxins from cells
- Helps boost nutrition absorption

The molecular structure of Clustered Water™ occurs naturally in only a few very special places on earth. In the few locations where these specific waters do exist naturally, the people are known to lead long, vibrant lives without many of the health problems that are prevalent in western society.

Clustered Water™ is an organized cluster of water molecules held together by shared hydrogen atoms. It is primarily found in three places:

- **BODY:** We are born with this biowater.
- **NATURE:** North Pole, Lourdes, France and other known healing springs.

- **LABORATORY:** Produced by Clustered Water™ Template Induction Process.

Thanks to fifteen years of painstaking research, Dr. Lee Lorenzen was finally able to devise a process to mimic these special structures and stabilize them in such a way that they are now available to anyone who wants or needs them on a daily basis.



Household Water Purifier



GJ-1
Water Filter



JY-8UH(R3)
Desk-Top Softening Water Filter



JY-8UH(L)
Desk-Top Water Filter



RO-130NJB
Under-counter Water Purifier



JY-8UH-Z
Hanging Water Purifier

Full-automatic Micro-computer Design, clearly market; Filter (stuffed) replace signal (a lead design is same category) easy operation & timely replace safe guards good health; 3-grade filtering (PP, carbon core, ultra-filtering core). Assure of quality water; Ultraviolet ray kills bacteria in fresh retain, more thorough & cleaner, imported key component with quality guarantee; Low water gage signal prolong filter life; Large scope of pressure endurance of tube.

Water Purifier For Office or Restaurant



TC-A



TC-AB

GC-0.05A





RO-200G

Reverse osmosis Water Purifier for collect Use.

Voltage: 22V-50Hz

Rated Current: 5.37A

Power: 750W

Rated Current: 1.0-1.2Mpa

Pressure of Tapping Water: $\geq 0.15\text{Mpa}$ (1.2T/H)

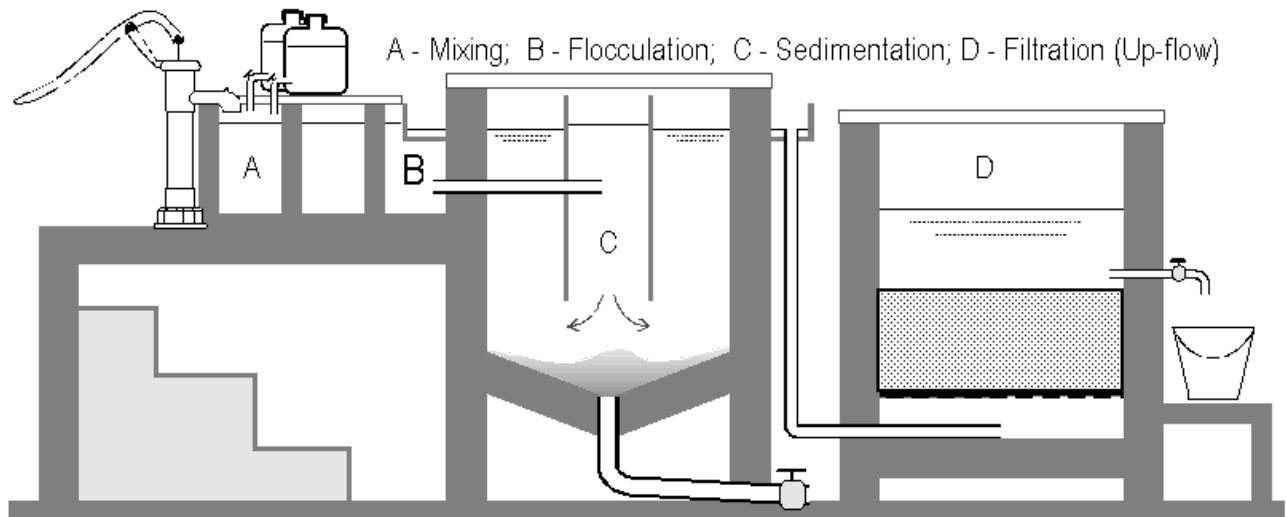
Desali Rate: $\geq 97\%$

Yield: 200L/H

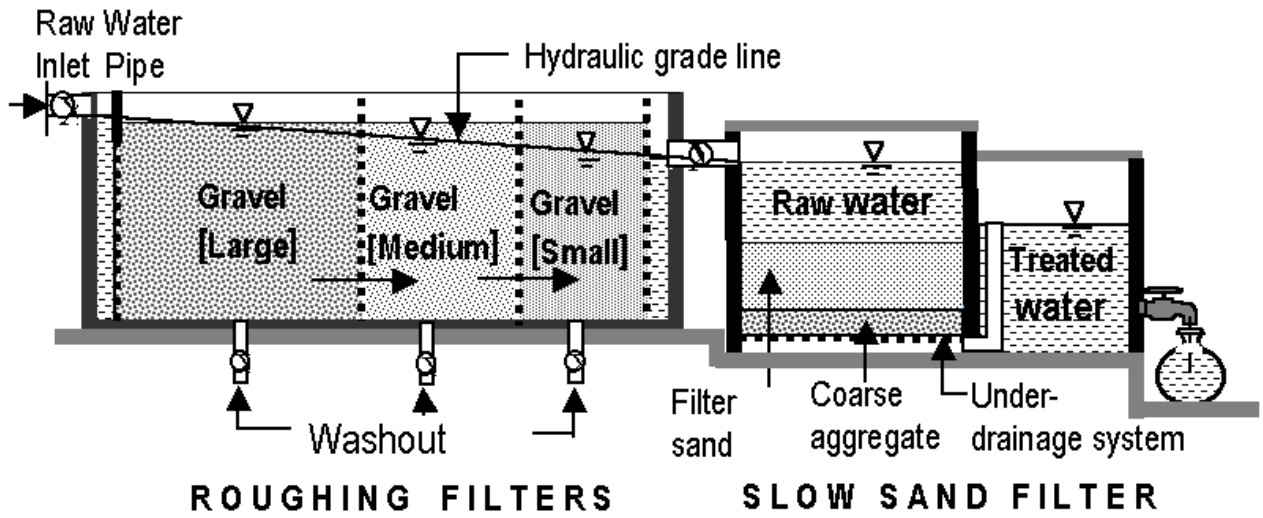
Dimension: 750X450X1325mm

Avoid reverse osmosis – it delivers the ultimate in dead water!

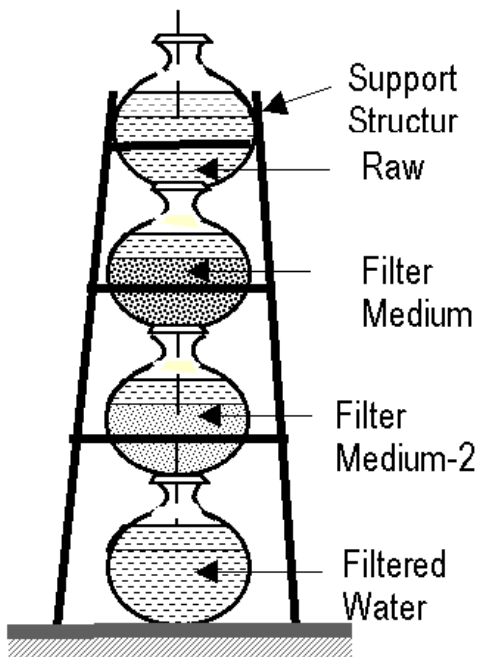
Or do we start here!



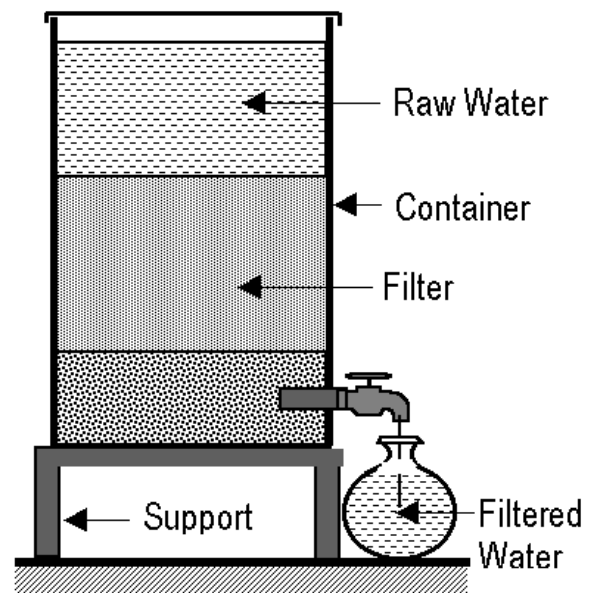
Arsenic Removal Plants Attached to Tubewell



A Combined Filtration Unit for Surface Water Treatment



Pitcher (Kalshi) filter



Small household filter

PRISTINE WATER HEALTH ASPECTS:

In a speech given on September 10, 2000 Dr. Hotta discussed a comparative test he performed to emphasise why the Wellness Filter filtered water is so healthy. He said the major contributors to cancer, brain function disorders, and general sickness is bad water. He believes that water must be treated to remove (or reduce to minimum levels) the chemicals tested below. In addition to selected water, he tested other commonly consumed liquids. Due to the high cost of some tests, all liquids were not tested for every category.

Dr Hotta did not test Pristine Water as he was unaware of its existence. The properties of Pristine Water have been added to the chart for completeness and comparison.

	Mercury	Lead	Aluminium	Dioxin	Btsphenol*	Niniphenol*
Pristine Water	0	0	0	0	0	0
Tap Water (Kyoto)	550	880	400	P	300	210
Wellness Filter	5	8	10	N/D	9	9
Bottled Water A	200	200	300	P	N/T	N/T
Bottled Water B	300	150	340	N/T	N/T	N/T
Japanese Canned Tea A	70	330	380	N/T	N/T	N/T
Japanese Canned Tea B	60	340	340	N/T	N/T	N/T
Vegetable Juices A	45	350	N/T	N/T	N/T	N/T
Vegetable Juices B	300	50	N/T	N/T	N/T	N/T

KEY: P = Present at some level N/D = None Detected N/T = Not Tested in this study

*Dr. Hotta calls these "environmental hormones." High levels of these hormone like chemicals can negatively effect male sexual function and have been known to negatively affect foetal sexual development leading to condition known as Non-gender Specificity, a condition where the child is born without properly developed sexual organs.

Most physicians agree that the most important prescription for good health and nutrition is to properly hydrate the body with pure, clean water. Water is the essence of life on Earth and sufficient hydration is essential for the proper functioning of all life as we know it.

Drinking Protocol – After several years of hydration studies, which included the optimum amount of water to ingest and the schedule for ingestion, a specific protocol was developed. This protocol involved drinking approximately 12 ounces (354 millilitres) of freshly prepared water immediately upon rising and thirty (30) minutes before each meal (as opposed to drinking it with their meal). Subjects were directed to drink 2 to 3 additional 12 ounce portions of water between breakfast and lunch and then again between lunch and dinner. A final portion of treated water was ingested approximately 2 hours after the last meal of the day. Water temperature (i.e., room temperature versus iced) was left to the individual taste of the subject.

Bathing / Washing Protocol – When studying the effects of the water on specific dermatological conditions such as eczema and acne, maximum effect was observed when the subject washed the affected area with a mild cleansing soap and treated water two times per day and just prior to bedtime.

Severely affected areas were treated with a compress of warm treated water for approximately 15 minutes twice per day or by soaking in a bath for 15 minutes.

Summary of Japanese Studies: Filtered water and the beneficial effect it has on water have been studied by the Japanese Ministry of Health, several US and Japanese universities, and by independent physicians during the past several years. Most studies have focused on either the observed effect of a specific hydration schedule (i.e., drinking) or on the dermatological effects of bathing / washing with treated water. Although controlled clinical studies have been less frequent, there have been numerous case studies performed in the area of: cancer research, diabetes, gastroenterology, dermatology, nutrition and internal medicine. In addition, filters have been evaluated in weight loss and fitness training programs. A number of beneficial results have been observed, some of which were directly measurable such as the reduction of certain immune disorders while others were more subjective such as an increase in personal energy, endurance and a heightened sense of well being. Results were the most reproducible when a specific ingestion or bathing protocol was followed.

Observed effects resulting from drinking and/or bathing in filtered water can be summarised into several categories:

- **Digestion and assimilation of nutrients** – Users of the quality treated water were observed to digest their food more quickly and thoroughly than subjects using untreated water. Treated water has been shown to assist the body in achieving a natural alkaline state. Nutritional supplements have been shown to be transported into the blood stream faster than with untreated water. At the cellular level, osmotic pressure is reduced and the transport of biochemical reactants across cell membranes is increased.
- **Waste elimination** – virtually all subjects were observed to adjust to a more frequent waste elimination schedule and that bowel movements were easy without experiencing diarrhoea. Stool specimens were observed to be significantly more digested than subjects consuming untreated water.
- **Gastrointestinal disorders** – Subjects ingesting the quality treated water were observed to reduce complaints of gastric reflux, heartburn and indigestion by more than 80%. Subjects who suffered from peptic ulcers showed a 60% reduction in complaints of pain. All subjects reported less intestinal cramping and gas.
- **Dermatological conditions** – Subjects who suffered from acute acne were observed to experience a greater than 90% reduction in episodes and severity when following the daily washing protocol for four weeks or longer. Subjects suffering from eczema and other chronic skin conditions showed a greater than 90% reduction after daily bathing and soaking in the treated water for three to four months. This is believed to be the synergistic result of the antibacterial qualities of Taicho (which reduces acne forming bacteria) and the antioxidant properties induced by the far-infrared ceramic.
- **Cancer treatment & prevention** – Treated water is part of a long-term 300-patient study in cancer treatment in Japan. Final clinical studies are expected in the spring of 2002 but preliminary test results in comparative studies show **75% remission rate** with patients following a restricted diet and drinking 14 glasses of treated water per day. **In cancer prevention studies, it was observed that reduced ions in the water reduced the presence of free radicals and the subsequent reduction in damage to DNA.**

- **Diabetes treatment and prevention** – The Japanese report that quality filtered water helps normalise blood sugar levels for diabetics – both type I and type II. This normalisation effect (i.e., reducing the highs and lows of blood sugar by approximately 50%) was observed after approximately 11 to 12 weeks of hydration. The Japanese report that quality filtered water also reduces oxidative stress to the pancreas and liver. Insulin dependent diabetics were seen to reduce their daily intake of insulin by 25% to 40% after approximately 12 weeks of daily usage.
- **Migraine headaches** – Patients were treated with a specific protocol for migraines. Patients were given 12 ounces (354 millilitres) of treated water immediately upon the onset of a migraine. The patients were asked to wait 20 minutes and consume a second 12 ounces portion of the water. Twenty minutes later a third aliquot of water was administered. Eighty percent (80%) of the patients experienced a significant reduction or the complete elimination of the headache by the time the third aliquot was consumed.
- **Urinary tract infections** – Physicians' studies have shown that patients who are prone to recurring urinary tract infections experience a significant reduction (greater than 90%) in the incidence of urinary tract infection when the standard drinking protocol previously referenced is followed.
- **Kidney stones** – Patients with a history of kidney stones experienced a reduction in incidence by more than 70% when drinking the quality filtered water. In a small, statistically insignificant population, patients suffering from kidney stones were able in 100% of the test subjects to reduce the size of the stone and successfully pass it after following the drinking protocol.
- **Kidney dialysis** – In a sample population of ten kidney patients who were confined to regular dialysis treatment, four of the patients were able to eliminate dialysis after four months of following a strict drinking protocol of four litres of filtered water per day.
- **Weight loss and fitness training** – Subjects who drank the prescribed amount of treated water and who participated in several different diet programs were observed to lose more weight (16% to 24%) and keep the weight off longer. Fitness trainers using the water were observed to develop significantly more lean muscle mass (8% to 12%).
- **Dental hygiene** – Clinical studies at USC Dental School and in Sweden have shown that daily brushing and rinsing with treated water produced a 46% reduction in plaque when compared to the same amount of brushing and rinsing with regular tap water regardless of the brand of tooth paste used. This study further showed a 42% reduction in the incidence of gingivitis - one of the principal causes of gum disease.

Summary of US Studies: There are two notable human studies, one animal study, and one major biology study to report. These are summarised below:

- **Hippocrates Health Institute** – Hippocrates is a Florida based medical spa specialising in the treatment of cancer and heart disease by a speciality program of diet and nutrition. Recently rated by *Spa Magazine* as the number one such institute in the world, the Institute conducted a seven month study of the effect of quality filtered water on their patients (approximately 600 patients). Patient blood samples were taken upon entering the Institute and upon leaving 21 days later. Blood samples were given a comprehensive blood chemistry analysis by an outside laboratory and were examined

at the Institute by dark field microscopy. The Institute reported a statistically significant increase in haemoglobin and blood alkalinity in virtually all patients during the 21 day test period. This increase was above and beyond the increase that has been historically reported with their program. Dark field microscopy showed an increase in blood cell elasticity and mobility...indicators of improved immune function. The Institute has since converted their entire facilities over to selected filtered water.

- **Diabetes Resource Centre** – The DRC is a non-profit corporation focused on educating diabetics about their disease management. The DRC evaluated quality filtered water by treating diabetics with the Japanese hydration protocol and the evaluating before and after blood samples. The DRC reported a qualitative increase in blood hydration when compared with normal tap water. Diabetics typically suffer from chronic dehydration due to the routine injection of insulin. The substitution of fine filtered water improved blood cell elasticity and mobility in 100% of the patients tested. The DRC later issued the filtered water provider with its US seal of approval as a product beneficial for diabetic health.

Water produced by **Pristine Water** process is very reactive owing to it having a low Ph of 5.4 whereby the water could be considered to be slightly acidic and hungry for ions. The Pristine Water process duplicates the way that mother nature produces water in the high atmosphere. **It is therefore far better in its search and amalgamation of ions and in the course of its progress through your physiological systems is the the simplest and most efficient natural detoxificant.**

Other Notable Benefits:

Generally, filters removes or reduces all harmful contaminants but unlike distillation systems requiring 100°C and reverse osmosis systems, provides a stabilised water which will not leach calcium or other precious minerals from the body tissue and bones. In addition to removing suspended and dissolved contaminants, the filter systems have also been shown to alter the physical and chemical properties of water as it passes through the filter's media. Specifically, treated water can be measured to have a lower surface tension, increased solubility, and lower viscosity. It also produces a negative ORP and produces a substantial anti-fungal effect. Pristine Water enjoys the best of these attributes.

As a direct result of these changes, treated water can be observed to more readily wet surfaces, dissolve salts, transport a higher concentration of dissolved minerals, and penetrate membranes at a faster rate than untreated water. These features yield benign “purified and enhanced water” that produces other desirable physical results:

- **Retardation of bacteria and fungus** – treated water resists the growth of bacteria and fungus whether in standing containers such as toilets or ponds, on the surfaces of fruits and vegetables or in the filter housing itself.
- **Enhanced cleaning** – treated water can be observed to more effectively remove unwanted residues (i.e., chemicals, pesticides, bacteria, etc.) and dirt from surfaces such as fruits and vegetables, floors, dishes, laboratory glassware, cooking utensils, clothes and the like. Glass and stainless steel surfaces that are washed in the water exhibit less spotting than untreated water does.

- **Enhanced flavour of food & beverages** – food and beverages prepared with treated water have no intruding taste (i.e., from chlorine or sulphide in the raw water) and appear to have a richer taste due to the higher solubility of taste producing compounds per unit volume of the treated water.
- **Deodorising and freshening** – treated water can be observed to remove odours from surfaces and from the air by simply spraying a mist of water on the surface or by leaving open containers of the treated water in refrigerators -- much like the effect observed with baking soda.
- **Conditioning** – although the filter does not remove dissolved calcium and magnesium, treated water behaves as if it has been softened, i.e., it dissolves soap more readily and does not leave deposits on surfaces including the body.

NOW SOME REALITY ABOUT OUR TOWN WATER SUPPLY

Americans are living in a new age of health consciousness. There is hardly anyone that is not taking a variety of nutritional supplements or trying a new diet or home exercise machine to make them look better, lose weight or achieve optimum health. This expanded health consciousness has led to an unprecedented pursuit of natural or holistic approaches even within the established medical community. It is no wonder that American's spend more than US\$30 billion a year on nutritional supplements, herbs, homeopathic medications and the like. Today, tens of thousands of physicians, chiropractors and health practitioners are even including such supplements in their practices. It is becoming more common every day to have a patient leave the doctor's office with a nutritional formulation in hand as part of a particular health therapy. Unfortunately, despite the new openness within the medical community to explore the benefits of nutritionals and natural remedies, most practitioners overlook or under-emphasise the single most important element of any health program...water. No matter what the specific health or fitness goal, one cannot achieve the maximum benefit from any health program without drinking the right kind of water in the proper amount. All experts agree, that next to the air we breathe, water is the most important thing we will ever put in our bodies. It is surprising that so much time and money is being spent on supplements, organic foods and natural remedies (some of which are very subtle and delicate) but little attention is given to the quality and effect of the water with which those items are taken.

One of the reasons for this is that Americans pride themselves in having very high quality water from every tap and assume that all water is the same. A thorough study of water in America and the world in general tells a different story. A few well-placed hours on the Internet show that the world is in an unprecedented water quality crisis as well as water shortage. Depending on what part of the country one lives in, it is easy to find trace amounts of nitrates, pesticides, heavy metals, radioactive compounds, petrochemicals and parasites coming from the local municipal water supply. The toxins and free radicals in these waters are made significantly more toxic to humans by the addition of chlorine -- a compound mandated by the public health department. The Environmental Protection Agency now reports that individuals who drink and bath in chlorinated surface waters (i.e., water from lakes, rivers and shallow wells) have a 50% greater likelihood of getting cancer in their lifetime. Most consumers are surprised to learn that one can absorb up to 600% more contaminants in your body in a ten-minute shower than in all the water consumed in a day. In January 2000, Sixty Minutes, the investigative TV program, reported that as many as 100 million Americans were drinking water contaminated with MTBE, a gasoline additive that has been leaching into our water supplies since 1992. MTBE is believed to cause cancer in concentrations as low as 10 parts per billion and unfortunately local water companies are helpless to remove it. Because of such contaminants, two out of every five households now have a

water filter or drink bottled water, as will be discussed later, with no assurance of safety. The problem is that the average consumer and even most medical professionals do not know what is the best way to treat water or the best source of water to drink.

As indicated above, failure to heed what type of water one drinks can negate or diminish the benefit of whatever supplements or health protocol is being followed. However, there is a significant difference between water purification systems and the type of water they produce. Depending on the type of system one uses and the way one drinks, it can positively or negatively affect one's health.

The Pristine Water process is a proven solution. The Pristine Water process replicates nature's way of making water within enhanced controlled environs.

1 H																	2 He										
3 Li		4 Be																		5 B	6 C	7 N	8 O	9 F	10 Ne		
11 Na		12 Mg																		13 Al	14 Si	15 P	16 S	17 Cl	18 Ar		
19 K		20 Ca		21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr								
37 Rb		38 Sr		39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe								
55 Cs		56 Ba		57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn								
87 Fr		88 Ra		89 Ac	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Uun																

58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr

Legend

Li Solid	Cs Liquid	Ar Gas	No Synthetic
Alkali metals	Alkali earth metals	Transition metals	Rare earth metals
Other metals	Noble gases	Halogens	Other nonmetals

DOES DISTILLED WATER LEACH MINERALS from the HUMAN BODY?

<http://www.nutriteam.com/distil.htm>

[AP Report on Bottled Water: Not Good.](#)

Does distilled water leach minerals from our bodies?

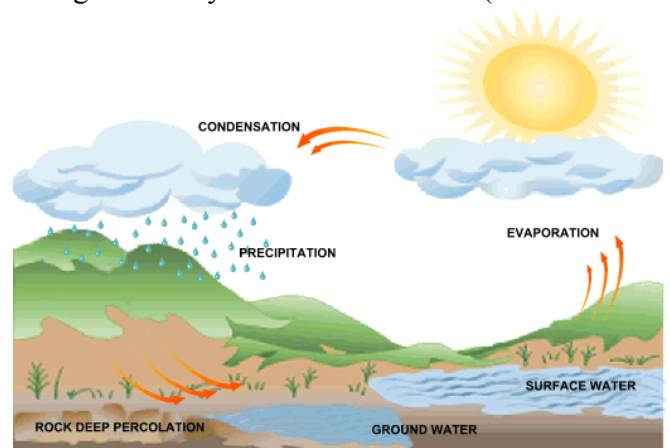


No, in fact, just the opposite has been found to occur in cellular research studies. It is a mistaken belief that drinking pure distilled water reduces valuable minerals from living human tissues.

ORGANIC MINERALS vs. INORGANIC MINERALS

There are two types of minerals, organic and inorganic. Human physiology has a biological affinity for organic minerals. Most minerals for body functions are absorbed from dietary plant foods. A growing plant converts the inorganic minerals from the soils to a useful organic mineral. When an organic mineral (from a plant food) enters the stomach it attaches itself to a specific protein-molecule (a process called chelation) in order to be absorbed, and then it gains access to the tissue sites where it is needed. Once a plant mineral is absorbed within the body, it is utilized as a coenzyme for composing body fluids, forming blood and bone cells, and the maintaining of healthy nerve transmission. (Balch & Balch 1990)

Without a healthy organic mineral balance inside and outside the cells of muscle, blood, and bone substructures, the body will begin to spasm, twitch and cramp, eventually deteriorating to a full "rigor complex", and/or complete failure. Minerals can be likened to the key to your car: it is a small component, but nevertheless an essential one. And a small amount of inorganic minerals are needed (like sodium), but food is still the best source.



INORGANIC MINERALS FROM TAPWATER ARE "BAD NEWS".

Tap water presents a variety of inorganic minerals which our body has difficulty absorbing. Their presence is suspect in a wide array of degenerative diseases, such as hardening of the arteries, arthritis, kidney stones, gall stones, glaucoma, cataracts, hearing loss, emphysema, diabetes, and obesity. The minerals available, especially in "hard" tapwater, are poorly absorbed, or rejected by cellular tissue sites, and, if not evacuated, their presence may cause arterial obstruction, and internal damage. (Dennison 1993, Muehling 1994, Banik 1989)

ORGANIC MINERALS ARE PREFERRED

It is no wonder that the body prefers the richest source of minerals, from organic foods, instead of the hard-to-absorb minerals in tap water. Even if human tissue suddenly developed the ability to absorb inorganic minerals from tap water, it would take an enormous amount of tapwater to supply the bare minimal mineral quantities for proper life functions. If (for example) the ample inorganic mineral content of the tap water in Reno, Nevada were modified so that it would convert the daily Calcium

requirement(RDA) from its inorganic calcium solutes, one would have to drink 7.4 gallons of their tap water.

DISTILLED WATER ACTUALLY ENHANCES MINERAL ABSORPTION RATES

Yes, and this is correlated to the ability of hard water to conduct electricity. Distilled Water will not conduct electricity(even when 2 parts per million inorganic minerals or less are present). Water with 5 parts inorganic content per million parts water (or more) will conduct electricity, completing a simple circuit and lighting a tester bulb. The higher the inorganic content is in a per million count, the less effectively water transmits organic minerals to tissue sites. Bottled water, tapwater, reverse-osmosis filtered water, and carbon-block filtered water (when tested) will conduct electricity, substantiating that these are not the best carriers for mineral-transport and mineral-absorption (Muehling 1994). Tapwater in the USA has been shown to contain 19 "inorganic metals of concern" (1994 Safe Water Drinking Act), for which maximum contaminant levels have been set. (Tone 1994) Most American tapwater tested falls between the ranges of 350 parts per million to over 1000 parts per million total contaminants.(Colgan 1993)

REPEAT THE QUESTION PLEASE...

Does drinking distilled water leach minerals from the body? No, quite the opposite. If inorganic minerals (and other substances like chlorine, heavy metals, bacteria, etc.) are removed from tapwater, by converting it into pure distilled water, the result is improved absorption of all nutrients, including minerals, and improved elimination of wastes at the cellular level.

Want to know about water quality issues in your area?

[Click here for excellent Purdue University survey of available documents for all of USA.](#)

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A GUIDE to WATER FILTERS and WATER TREATMENT:

Types of Water Filters

http://www.heartspring.net/water_filters_guide.html

- [Charcoal Water Filters](#)
- [Reverse Osmosis](#)
- [Water Distillers](#)
- [Ionized Water Filters](#)
- [Ultraviolet Water Filters](#)
- [Back Flush](#)
- [PiWater Filter](#)
- [Other Water Filters](#)

avoid reverse osmosis, it delivers the ultimate in dead water!

Charcoal Water Filters

Charcoal as a water filter medium is derived from coconut husk. Charcoal readily absorbs impurities as the water passes along its surface area. The charcoal can be ground into small pieces or formed into a solid, yet porous, block in order to increase its surface area for the attachment of toxins. Charcoal water filters comprise possibly 95% of those in use domestically, because they are simple to install, relatively economical and effectively remove many toxins found in the environment. According to the EPA, charcoal filters must be "rated" to remove particles 1 micron or larger to effectively remove the most deadly of contaminants, Cryptosporidium and Giardia. An average charcoal filter will last a family 6-9 months. Some charcoal filters are enhanced by the use of activated silver, which provides extra antibacterial protection. Minerals in solution can still permeate a charcoal filter. These minerals are essential to health.

Reverse Osmosis Water Filters (life in water is removed with RO process – avoid if possible)

Reverse Osmosis water filters use a fine membrane to filter through osmotic process. They take everything out of the water, leaving it pure (but dead). Usually installed under-sink, they require service every few months to install a new membrane.

Distiller Water Filters

Water distillers use electricity to heat tap water to boiling point. Impurities are left in the boiling container and the purified condensate drains back into a clean container. They require a fair degree of power and cannot give immediate supply, because the boiling process must be completed before water is available. There is now a number of reports that distilled water is not good to drink long term because it leaches nutrients from the body, being the most 'unnatural' of water. (see preceding report)

Ionized Water Filters

[Ionized water](#) is electronically enhanced water that has been run over positive and negative electrodes and becomes ionized, by separating the water, and the minerals it contains into alkaline and acidic water. They are created simultaneously, 70% Alkaline water and 30% Acid water. Both waters have extraordinary properties and benefits, however, their respective uses could not be more different. The **Alkaline Ionized Water** is used for drinking and demonstrates strong [antioxidant effects](#) on the body, while **Acidic Ionized Water** is used on the outside of the body and is proven to [kill many types of bacteria](#), including E. coli.

Ultraviolet Water Filters

Ultraviolet water filters use a UV light to kill bacteria in the water. They are very seldom seen in domestic units because of the problem of keeping the light clean. (Waterfresh have a simple washer for cleaning the UV tube) Some water ionizers have small UV lights fitted but they have been shown to have little or no effect.

Back flush Water Filters

Every now and then a 'new' system appears on the market claiming to offer extremely long life without filter changes. This is usually a back flush system. There are no proven long-term back flush systems on the market - probably because their claims of long life without filter change never live up to the facts. They are almost always two to four times the cost of the basic charcoal water filter unit, but justify this by their claims of longevity. Imagine how your sink would look if you used only hot water and no scrubbing to clean it!

OTHER FORMS OF WATER TREATMENT

There are many forms of **water filters** and all have some merit. These include:

- Magnetic
- Energetic
- Vortex
- Chemical additive

Magnetic

Fundamentally, this involves passing the water over or through a magnetic field. This has the effect of rearrangement of ions. Without the fundamental 'splitting' of ions that occurs in the Water Ionizer (H^2O to OH^- and HO) lasting change is not possible, although many claims are made by the manufacturers. Free standing magnetic units do not filter or change pH. Tested units that utilize magnetism and have been found to have a wide variation in results.

Energetic

These are usually attached at the entry of water to the home. They 'align' the water using various methods based to varying degree on the works of Viktor Schauberger, Pioneering water researcher. Although they do 'soften' the water, they do not change the pH or the REDOX (Positive or negative charge) of the water, nor do they filter the water. In our experience, water filters attached to systems with previously installed Energizers work extremely well.

Vortex

A number of units use vortex flow of water prior to output. They also appear to soften the water, but do not filter, ionize or change the REDOX potential.

Chemical Additive

The most well known of these is MICROHYDRIN, a tablet that when added to water, changes the REDOX dramatically. Normal dose requirement per person is 4 per day at about US\$0.50 each.

A new entry to the market is "Unique Water" which is ordinary spring water with added magnesium carbonate. This wholesales at US\$0.55 per 600 ml bottle, and for minimum recommended therapeutic use, two bottles per person per day is recommended. For a family of four this comes to US\$1,584 per year and slightly less than 3,000 plastic bottles per year. The water is not ionized.

Pi Water

Pi Water is the combination of conventional filtration (sand bed, charcoal) with magnetic, mineral addition and FIR energetic's. It acts like a standard countertop water filter but it also adds beneficial minerals to the water, changes the molecular structure, magnetizes and energizes using a unique form of ceramics. The Pi-Filter will last up to 3 years with normal use before needing replacement.

Water Comparisons

These comparisons on **water filters** are derived from Heart Spring experience and research. This comes from factory supplied test data plus certified laboratory tests they have had commissioned. They do not guarantee that every result is correct because they rely on data given to them by suppliers.

The statements enclosed herein have not been evaluated by the Food and Drug Administration. The products mentioned on this site are not intended to diagnose, treat, cure, or prevent any disease. Information and statements made are for education purposes and are not intended to replace the advice of your family doctor.



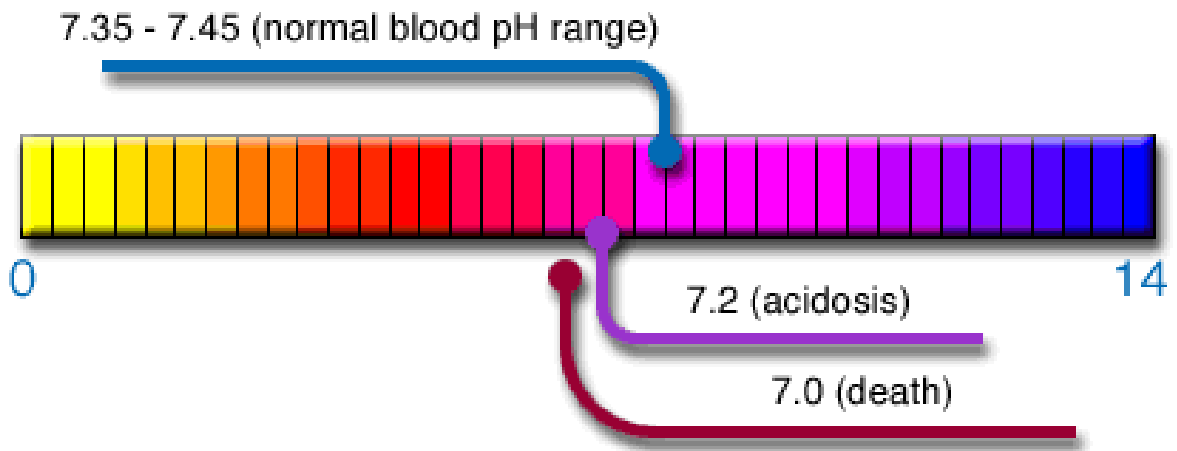


Am I Hydrated? Urine Color Chart

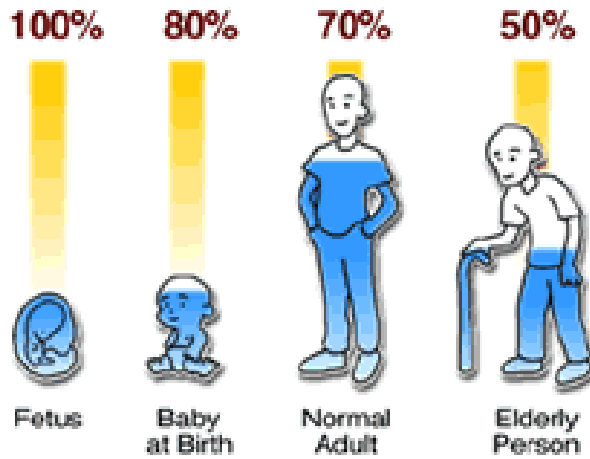
1		<p>This urine color chart is a simple tool you can use to assess if you are drinking enough fluids throughout day to stay hydrated.</p> <p>If your urine matches the colors numbered 1, 2, or 3 you are hydrated.</p>
2		
3		
4		<p>If your urine matches the colors numbered 4 through 8 you are dehydrated and need to drink for more fluid.</p>
5		
6		<p>Be Aware! If you are taking single vitamin supplements or a multivitamin supplement, some of the vitamins in the supplements can change the color of your urine for a few hours, making it bright yellow or discolored.</p>
7		
8		<p>If you are taking a vitamin supplement, you may need to check your hydration status using another tool like Handout #15: Hydration Check: Body Weight Log.</p>

NOTE: Kinesiology muscle testing will not function if either party involved is dehydrated.

Concentration of Hydrogen ions compared to distilled water		Examples of solutions at this pH
10,000,000	pH = 0	Battery acid, Strong Hydrofluoric Acid
1,000,000	pH = 1	Hydrochloric acid secreted by stomach lining
100,000	pH = 2	Lemon Juice, Gastric Acid Vineger
10,000	pH = 3	Grapefruit, Orange Juice, Soda
1,000	pH = 4	Tomato Juice Acid rain
100	pH = 5	Soft drinking water Black Coffee
10	pH = 6	Urine Saliva
1	pH = 7	"Pure" water
1/10	pH = 8	Sea water
1/100	pH = 9	Baking soda
1/1,000	pH = 10	Great Salt Lake Milk of Magnesia
1/10,000	pH = 11	Ammonia solution
1/100,000	pH = 12	Soapy water
1/1,000,000	pH = 13	Bleaches Oven cleaner
1/10,000,000	pH = 14	Liquid drain cleaner



Percent of Water in the Human Body



Now's time to kick the bottled-water habit

by The Republican

Sunday October 19, 2008, 7:00 AM

http://www.masslive.com/opinion/index.ssf/2008/10/nows_time_to_kick_the_bottledw.html

Bottled water - the kind that sells for at least a dollar in vending machines - may only be as safe as the tap from which it flows.

That's the latest warning from a truth-in-advertising group - one of the first organizations to burst a few bubbles about the claims made by the bottled water industry.

Last year, PepsiCo Inc. - nudged by a group called Corporate Accountability International - was forced to clarify that its top selling bottled water, Aquafina, is in fact taken from the tap. It's hardly the impression consumers got when they reached for Aquafina, lured by a fetching blue label and mountain logo.

So it shouldn't be surprising that an environmental research group now wants the Federal Drug Administration to require bottled water manufacturers to disclose contaminants in the products the way tapwater systems do.

After testing 10 different bottled water brands for 170 different contaminants, the Environmental Working Group ended up identifying one contaminant in two brands that exceeded on state's standards. Of the 38 substances the group found in bottled water, all were well within federal limits.

"Bottled water manufacturers are marketing their products as consistently safer, consistently more pure, consistently cleaner," said Anila Jacob, a spokeswoman for the group. "But in many cases, the bottled water is simply a reflection of the community from which it was obtained."

So consumer, beware. But why pay for something you can get for free?

The rising tide of plastic water bottles just adds to the nation's recycling problems. We think it's a good time to kick the bottled-water habit.

IONIZED WATER:

http://www.hightechhealth.com.au/Ionizer/welcome_to_ionized_water.htm

Welcome to Ionized Water
By Dr. Hidemitsu Hayashi, M.D.
Director, Water Institute of Japan
 Nisshin Building, 2-5-10 Shinjiku,
 Shinjiku-ku, Tokyo, Japan 160

Getting Started: The Basics

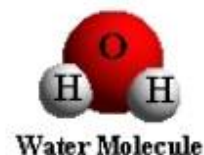
by Dr. Hayashi

Water, The chemistry of life.

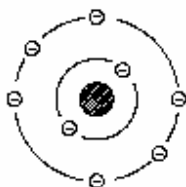
Whenever we attempt to determine whether there is life as we know it on Mars or other planets, scientists first seek to establish whether or not water is present. Why? Because physical life on earth totally depends on water.

A high percentage of living things, both plant and animal are found in water. All physical life on earth is thought to have arisen from water. The bodies of all living organisms are composed largely of water. About 70 to 90 percent of all organic matter is water.

The chemical reactions in all plants and animals that support life take place in a water medium. Water not only provides the medium to make these life sustaining reactions possible, but water itself is often an important reactant or product of these reactions. In short, the chemistry of life is water chemistry.

**Water, the universal solvent**

Water is a universal, superb solvent due to the marked polarity of the water molecule and its tendency to form hydrogen bonds with other molecules. One water molecule, expressed with the chemical symbol H_2O , consists of 2 hydrogen atoms and 1 oxygen atom.



**Oxygen atom and
its electrons**

Standing alone, the hydrogen atom contains one positive proton at its core with one negative electron revolving around it in a three-dimensional shell. Oxygen, on the other hand, contains 8 protons in its nucleus with 8 electrons revolving around it. This is often shown in chemical notation as the letter O surrounded by eight dots representing 4 sets of paired electrons.

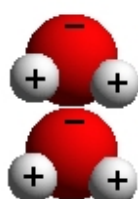
The single hydrogen electron and the 8 electrons of oxygen are the key to the chemistry of life because this is where hydrogen and oxygen atoms combine to form a water molecule, or split to form ions.

Hydrogen tends to ionize by losing its single electron and form single H^+ ions, which are simply isolated protons since the hydrogen atom contains no neutrons. A hydrogen bond occurs when the

electron of a single hydrogen atom is shared with another electronegative atom such as oxygen that lacks an electron.

Polarity of water molecules

In a water molecule, two hydrogen atoms are covalently bonded to the oxygen atom. But because the oxygen atom is larger than the hydrogen's, its attraction for the hydrogen's electrons is correspondingly greater so the electrons are drawn closer into the shell of the larger oxygen atom and away from the hydrogen shells. This means that although the water molecule as a whole is stable, the greater mass of the oxygen nucleus tends to draw in all the electrons in the molecule including the shared hydrogen electrons giving the oxygen portion of the molecule a slight electronegative charge.

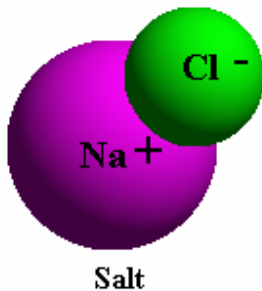


Polar attraction between water molecules

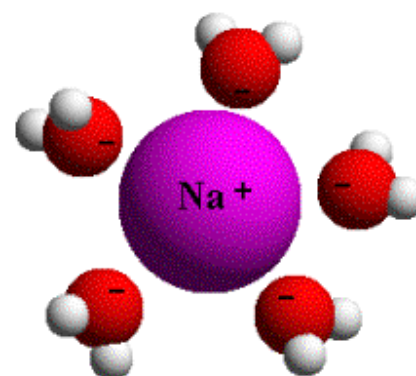
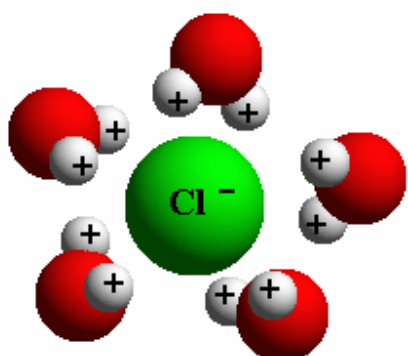
The shells of the hydrogen atoms, because their electrons are closer to the oxygen, take on a small electropositive charge. This means water molecules have a tendency to form weak bonds with water molecules because the oxygen end of the molecule is negative and the hydrogen ends are positive.

A hydrogen atom, while remaining covalently bonded to the oxygen of its own molecule, can form a weak bond with the oxygen of another molecule. Similarly, the oxygen end of a molecule can form a weak attachment with the hydrogen ends of other molecules. Because water molecules have this polarity, water is a continuous chemical entity.

These weak bonds play a crucial role in stabilizing the shape of many of the large molecules found in living matter. Because these bonds are weak, they are readily broken and re-formed during normal physiological reactions. The disassembly and re-arrangement of such weak bonds is in essence the chemistry of life.



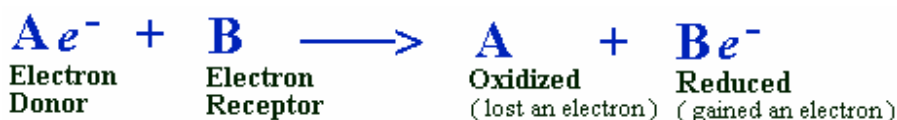
To illustrate water's ability to break down other substances, consider the simple example of putting a small amount of table salt in a glass of tap water. With dry salt (NaCl) the attraction between the electropositive sodium (Na⁺) and electronegative chlorine (Cl⁻) atoms of salt is very strong until it is placed in water. After salt is placed in water, the attraction of the electronegative oxygen of the water molecule for the positively charged sodium ions, and the similar attraction of the electropositive hydrogen ends of the water molecule for the negatively charged chloride ions, are greater than the mutual attraction between the outnumbered Na⁺ and Cl⁻ ions. In water the ionic bonds of the sodium chloride molecule are broken easily because of the competitive action of the numerous water molecules.



As we can see from this simple example, even the delicate configuration of individual water molecules enables them to break relatively stronger bonds by converging on them. This is why we call water the universal solvent. It is a natural solution that breaks the bonds of larger, more complex molecules. This is the chemistry of life on earth, in water and on land.

Oxidation-reduction reactions

Basically, reduction means the addition of an electron (e^-), and its converse, oxidation means the removal of an electron. The addition of an electron, reduction, stores energy in the reduced compound. The removal of an electron, oxidation, liberates energy from the oxidized compound. Whenever one substance is reduced, another is oxidized.



To clarify these terms, consider any two molecules, A and B, for example.

When molecules A and B come into contact, here is what happens:

- B grabs an electron from molecule A.
- Molecule A has been oxidized because it has lost an electron.
- The net charge of B has been reduced because it has gained a negative electron (e^-).

In biological systems, removal or addition of an electron constitutes the most frequent mechanism of oxidation-reduction reactions. These oxidation-reduction reactions are frequently called redox reactions.

Acids and Bases

An acid is a substance that increases the concentration of hydrogen ions (H^+) in water. A base is a substance that decreases the concentration of hydrogen ions, in other words, increasing the concentration of hydroxide ions OH^- .

The degree of acidity or alkalinity of a solution is measured in terms of a value known as pH, which is the negative logarithm of the concentration of hydrogen ions:

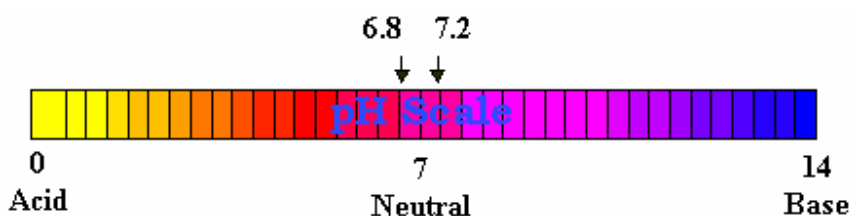
$$\text{pH} = 1/\log[\text{H}^+] = -\log[\text{H}^+]$$

What is pH?

On the pH scale, which ranges from 0 on the acidic end to 14 on the alkaline end, a solution is neutral if its pH is 7. At pH 7, water contains equal concentrations of H⁺ and OH⁻ ions. Substances with a pH less than 7 are acidic because they contain a higher concentration of H⁺ ions. Substances with a pH higher than 7 are alkaline because they contain a higher concentration of OH⁻ than H⁺. The pH scale is a log scale so a change of one pH unit means a tenfold change in the concentration of hydrogen ions.

Importance of balancing pH

Living things are extremely sensitive to pH and function best (with certain exceptions, such as certain portions of the digestive tract) when solutions are nearly neutral. Most interior living matter (excluding the cell nucleus) has a pH of about 6.8.



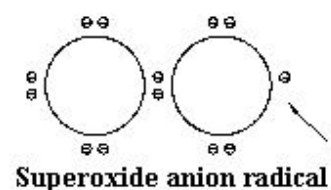
Blood plasma and other fluids that surround the cells in the body have a pH of 7.2 to 7.3. Numerous special mechanisms aid in stabilizing these fluids so that cells will not be subject to appreciable fluctuations in pH. Substances which serve as mechanisms to stabilize pH are called buffers. Buffers have the capacity to bond ions and remove them from solution whenever their concentration begins to rise. Conversely, buffers can release ions whenever their concentration begins to fall. Buffers thus help to minimize the fluctuations in pH. This is an important function because many biochemical reactions normally occurring in living organisms either release or use up ions.

NOTE: Dr. Hayashi is a Heart Specialist and Director of the Water Institute of Japan.

Oxygen: Too much of a good thing?

Oxygen is essential to survival. It is relatively stable in the air, but when too much is absorbed into the body it can become active and unstable and has a tendency to attach itself to any biological molecule, including molecules of healthy cells. The chemical activity of these free radicals is due to one or more pairs of unpaired electrons.

About 2% of the oxygen we normally breathe becomes active oxygen, and this amount increases to approximately 20% with aerobic exercise.



Such free radicals with unpaired electrons are unstable and have a high oxidation potential, which means they are capable of stealing electrons from other cells. This chemical mechanism is very useful in disinfectants such as hydrogen peroxide and ozone which can be used to sterilize wounds or medical instruments. Inside the body these free radicals are of great benefit

due to their ability to attack and eliminate bacteria, viruses and other waste products.

Active Oxygen in the body

Problems arise, however, when too many of these free radicals are turned loose in the body where they can also damage normal tissue.

Putrefaction sets in when microbes in the air invade the proteins, peptides, and amino acids of eggs, fish and meat. The result is an array of unpleasant substances such as:

- Hydrogen sulfide
- Ammonia
- Histamines
- Indoles
- Phenols
- Scatoles

These substances are also produced naturally in the digestive tract when we digest food, resulting in the unpleasant odour evidenced in faeces. Putrefaction of spoiled food is caused by microbes in the air; this natural process is duplicated in the digestive tract by intestinal microbes. All these waste products of digestion are pathogenic, that is, they can cause disease in the body.

Hydrogen sulphide and ammonia are tissue toxins that can damage the liver. Histamines contribute to allergic disorders such as atopic dermatitis, urticaria (hives) and asthma. Indoles and phenols are considered carcinogenic. Because waste products such as hydrogen sulphide, ammonia, histamines, phenols and indoles are toxic, the body's defence mechanisms try to eliminate them by releasing neutrophils (a type of leukocyte, or white corpuscle). These neutrophils produce active oxygen, oddball oxygen molecules that are capable of scavenging disintegrating tissues by gathering electrons from the molecules of toxic cells.

Problems arise, however, when too many of these active oxygen molecules, or free radicals, are produced in the body. They are extremely reactive and can also attach themselves to normal, healthy cells and damage them genetically. These active oxygen radicals steal electrons from normal, healthy biological molecules. This electron theft by active oxygen oxidizes tissue and can cause disease.

Effects of Oxidation on Vital Organs	
Oxidized Tissue	Leads to:
Liver	Hepatitis, cirrhosis, cancer
Pancreas	Pancreatitis, diabetes, cancer
Kidney	Nephritis, nephrosis, cancer

Because active oxygen can damage normal tissue, it is essential to scavenge this active oxygen from the body before it can cause disintegration of healthy tissue. If we can find an effective method to block the oxidation of healthy tissue by active oxygen, then we can attempt to prevent disease.

Hydrogen sulfide, ammonia, histamines, indoles, phenols, and scatoles present in the digestive tract of the human body.



In order to protect the body from damage by hydrogen sulfide, ammonia, histamines, indoles, phenols and scatoles, neutrophils (leukocytes) produce active oxygen to oxidize these waste products.



Excess production of active oxygen occurs.



Excess active oxygen can damage normal, healthy biological cell molecules and alter their genetic codes.

Antioxidants block dangerous oxidation

One way to protect healthy tissue from the ravages of oxidation caused by active oxygen is to provide free electrons to active oxygen radicals, thus neutralizing their high oxidation potential and preventing them from reacting with healthy tissue.

Research on the link between diet and cancer is far from complete, but some evidence indicates that what we eat may affect our susceptibility to cancer. Some foods seem to help defend against cancer, others appear to promote it.

Much of the damage caused by carcinogenic substances in food may come about because of an oxidation reaction in the cell. In this process, an oddball oxygen molecule may damage the genetic code of the cell. Some researchers believe that substances that prevent oxidation -- called ANTIOXIDANTS -- can block the damage. This leads naturally to the theory that the intake of natural antioxidants could be an important aspect of the body's defence against cancer. Substances that some believe inhibit cancer include vitamin C, vitamin E, beta-carotene, selenium, and glutathione (an amino acid). These substances

are reducing agents. They supply electrons to free radicals and block the interaction of the free radical with normal tissue.

How we can avoid illness

As we mentioned earlier, the presence of toxic waste products such as hydrogen sulphide, ammonia, histamines, indoles, phenols and scatoles impart an offensive odour to human faeces. In the medical profession, it is well known that patients suffering from hepatitis and cirrhosis pass particularly odoriferous stools.

Excessively offensive stools caused by the presence of toxins are indicators of certain diseases, and the body responds to the presence of these toxins by producing neutrophil leukocytes to release active oxygen in an attempt to neutralize the damage to organs that can be caused by such waste products. But when an excess amount of such active oxygen is produced, it can damage healthy cells as well as neutralize toxins. This leads us to the conclusion that we can minimize the harmful effect of these active oxygen radicals by reducing them with an ample supply of electrons.

Water...the natural solution

There is no substitute for a healthy balanced diet, especially rich in antioxidant materials such as vitamin C, vitamin E, beta-carotene, and other foods that are good for us. However, these substances are not the best source of free electrons that can block the oxidation of healthy tissue by active oxygen.

Water treated by electrolysis to increase its reduction potential is the best solution to the problem of providing a safe source of free electrons to block the oxidation of normal tissue by free oxygen radicals. We believe that reduced water, water with an excess of free electrons to donate to active oxygen, is the best solution because:

- The reduction potential of water can be dramatically increased over other antioxidants in food or vitamin supplements.
- The molecule weight of reduced water is low, making it fast acting and able to reach all tissues of the body in a very short time.

What is IONIZED WATER?

Ionized water is the product of mild electrolysis which takes place in the ionized water unit. The production of ionized water, its properties, and how it works in the human body are described in the next section. Ionized water is treated tap water that has not only been filtered, but has also been reformed in that it provides reduced water with a large mass of electrons that can be donated to active oxygen in the body to block the oxidation of normal cells.

THE IONIZED WATER UNIT

Tap water: What it is and isn't

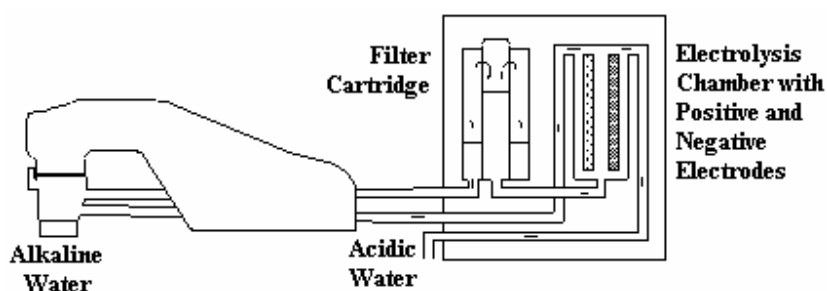
Normal tap water, for example, with a pH of 7 is approximately neutral on the pH scale of 0 to 14. When measured with an ORP (oxidation potential) meter its redox potential is approximately +400 to +500 mV. Because it has a positive redox potential, it is apt to acquire electrons and oxidize other

molecules. Reduced Ionized Water, on the other hand, has a negative redox potential of approximately -250 to -350 mV. This means it has a large mass of electrons ready to donate to electron-thieving active oxygen.

Before discussing the properties of Ionized Water further, let's take a look at what happens inside an Ionized Water producing unit.

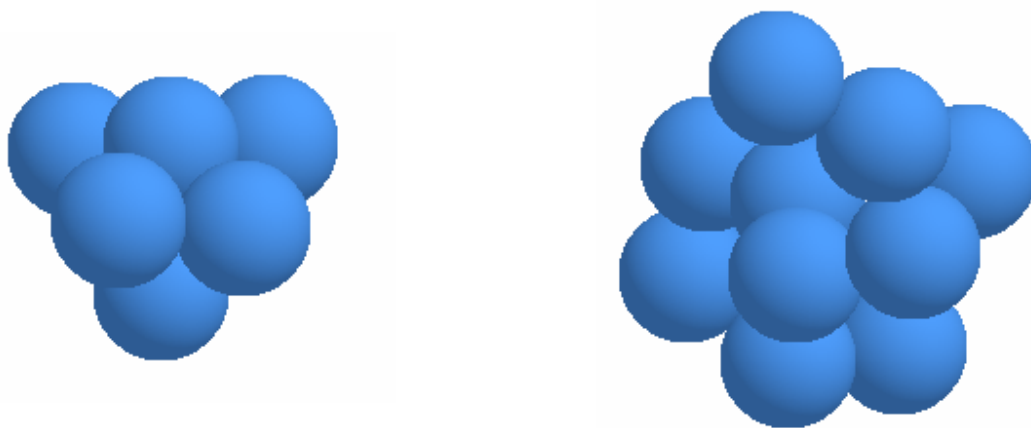
How an IONIZED WATER Unit works

The Ionized Water unit, slightly taller and thicker than a large dictionary on end, is an electrical appliance connected to your kitchen water supply to perform electrolysis on tap water before you drink it or use it in the kitchen for cooking or cleaning.



A special attachment re-directs tap water out of the faucet through a plastic hose into the Ionized Water unit. Inside the Ionized Water unit, the water is first filtered through activated charcoal. Next, the filtered water passes into an electrolysis chamber equipped with a platinum-coated titanium electrode where electrolysis takes place.

Cations, positive ions, gather at the negative electrodes to create cathodic water (reduced water). Anions, negatively charged ions, gather at the positive electrode to make anodic water (oxidized water).



Through electrolysis, reduced water not only gains an excess amount of electrons (e-), but the cluster of H²O seem to be reduced in size from about 10 to 13 molecules per cluster to 5 to 6 molecules per cluster.

The reduced water comes out of the faucet, and the oxidized water comes out of a separate hose leading into the sink. You can use the reduced water for drinking or cooking. The oxidation potential of the oxidized water makes it a good sterilizing agent, ideal for washing hands, cleaning food or kitchen utensils, and treating minor wounds.

What the IONIZED WATER Unit Produces

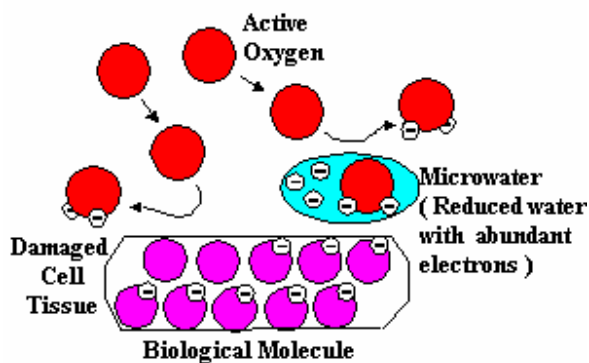
Redox potential comparison

After electrolysis of the water inside the Ionized Water unit, reduced water comes out of the cathodic side and oxidized water comes out of the anodic side. Compare these measurements of these three types of water: tap water before electrolysis, the reduced water, and the oxidized water.

Reduction-oxidation (redox) potential			
Water Type	redox potential	pH	What it Means
Tap Water	+400 to +500 mV	7	Slight oxidation potential.
Reduced Water	-250 to -350 mV	8	Strong reduction potential, contains a mass of electrons that can be donated to free radicals.
Oxidized Water	+700 to +800 mV	4	Strong oxidation potential, a shortage of electrons giving it the ability to oxidize and sterilize.

Redox potential, not pH, is the crucial factor

Traditionally we have judged the properties of water from the standpoint of pH, in other words whether water is acidic or alkaline. According to Dr. Yoshiaki Matsuo PhD., the inventor of the Ionized Water unit, *"In my opinion, redox potential is more important than pH. The importance of pH is over emphasized. For example, the average pH of blood is 7.4 and acidosis or alkalosis are defined according to deviation within the range of 7.4 +/- 0.005. But nothing has been discussed about ORP, or oxidation-reduction potential."*



The pH of tap water is about pH 7, or neutral. When tap water is electrolyzed into Ionized Water, its reduced water has a pH of about 9 and the oxidized water a pH of about 4. Even if you make alkaline water of pH 9 by adding sodium hydroxide or make acidic water of pH 3 by adding hydrogen chloride, you will find very little change in the ORP values of the two waters. On the other hand, when you divide tap water with electrolysis you can see the ORP fluctuate by as much as +/- 1,000 mV. By electrolysis we can obtain reduced water with negative potential that is good for the body.

USING IONIZED WATER

What IONIZED WATER Does

The Ionized Water unit produces two kinds of water with different redox potentials, one with a high reduction potential and the other with a high oxidation potential.

Reduced Water

When taken internally, the reduced Ionized Water with its redox potential of -250 to -350 mV readily donates its electrons to oddball oxygen radicals and blocks the interaction of the active oxygen with normal molecules.



A biological molecule (BM) remains intact and undamaged.

Undamaged biological molecules are less susceptible to infection and disease. Ionized Water gives up an extra electron and reduces the active oxygen (AO), thus rendering it harmless. The AO is reduced without damaging surrounding biological molecules. Substances which have the ability to counteract active oxygen by supplying electrons are called scavengers. Reduced water, therefore, can be called scavenging water.

When taken internally, the effects of reduced water are immediate. Ionized Water inhibits excessive fermentation in the digestive tract by reducing indirectly metabolites such as hydrogen sulphide, ammonia, histamines, indoles, phenols and scatoles, resulting in a cleaner stool within days after reduced water is taken on a regular basis. **In 1965, the Ministry of Welfare of Japan announced that reduced water obtained from electrolysis can prevent abnormal fermentation of intestinal microbes.**

Oxidized Water

Oxidized water with its redox potential of +700 to +800 mV is an oxidizing agent that can withdraw electrons from bacteria and kill them. The oxidized water from the Ionized Water unit can be used to clean hands, kitchen utensils, fresh vegetables and fruits, and to sterilize cutting boards and minor wounds. Tests have shown that oxidized water can be used effectively to treat athlete's foot, minor burns, insect bites, scratches, and so on.

Dr. Yoshiaki Matsuo, Vice Director of the Water Institute of Japan, has developed another apparatus capable of producing hyperoxidized water with a redox potential of +1,050 mV or more, and a pH lower than 2.7. Tests have shown that this hyper oxidized water can quickly destroy MRSA (Methicillin Resistant Staphylococcus Aureus).

Although hyperoxidized water is a powerful sterilizing agent, it won't harm the skin. In fact, it can be used to heal. Hyperoxidized water has proven effective in Japanese hospitals in the treatment of bedsores and operative wounds with complicated infections.

But perhaps the most exciting future application of hyperoxidized water is in the field of agriculture where it has been used effectively on plants to kill fungi and other plant diseases. Hyperoxidized water is non-toxic, so agricultural workers can apply it without wearing special protective equipment because there is no danger of skin or respiratory damage. An added benefit of using hyperoxidized water to spray plants is that there is no danger to the environment caused by the accumulation of toxic chemicals in the ground.

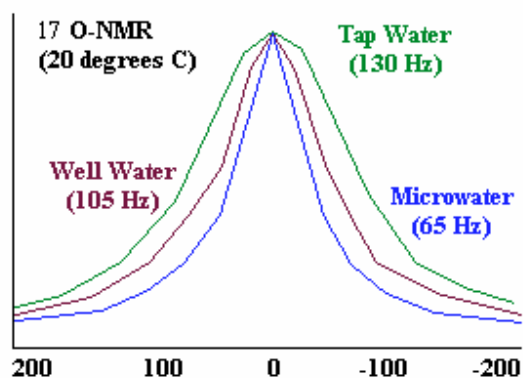
Ionized Water superior to antioxidant diet

Today we read much about correct dieting principles and paying attention to what we eat in order to stay healthy. This is a sensible practice, but it is surprising that many of us don't realize that the bulk of what we eat is composed of water. Vegetables and fruits are 90% water; fish and meat are about 70% water as well.

Even advocates of the importance of vitamin C in diet staples have to admit that its potency, namely, the redox potential of this important vitamin, rapidly diminishes with age and preparation for the dining table. Carbohydrates, the main consistent of vegetables and fruit, has a molecular weight of 180 whereas water has a much lower molecular weight of 18.

Molecular Weight Compared	
Substances	Molecular Weight
Microwater	18
Beta-carotene	150
Vitamin E	153
Vitamin C	176

Ionized Water, with its low molecular weight and high reduction potential, makes it a superior scavenging agent of active oxygen. But electrolysis inside the Ionized Water unit not only charges the reduced water with electrons, it also reduces the size of reduced water molecule clusters.



NMR (Nuclear Magnetic Resonance) analysis reveals that tap water and well water consists of clusters of 10 to 13 H₂O molecules. Electrolysis of water in the Ionized Water unit reduces these clusters to about half their normal size -- 5 to 6 water molecules per cluster.

As the graph shows, the NMR signal that measures cluster size by line width at half-amplitude shows 65 Hz for reduced water and 133 Hz for tap water, revealing that the reduced water clusters are approximately half the size of tap water clusters.

Upstream

According to our model, we consider the digestive tract upstream where we intake water and food. Although many people today in developed countries are growing more sceptical about what they eat, they tend to concentrate more on what the food contains rather than the metabolized products of foods in the digestive tract.

Upstream

Reduced water indirectly reduces hydrogen sulfide, ammonia, histamines, indoles, phenols, and scatoles and changes them into harmless substances.



Defecation of cleaner stools.



For example, consider the typical balanced diet of meat and vegetables. Meat protein is metabolized into amines while nitrates from fertilizers used to grow vegetables metabolize into nitrites in the digestive tract. These amines and nitrites combine to form nitrosamine, a recognized carcinogen.

We've already discussed that odoriferous faeces are evidence of excessive fermentation in the digestive tract, so reduced water performs a very important function upstream in the digestive tract by reducing this excessive fermentation as evidenced by cleaner stools within days of starting a steady regimen of reduced water.

Downstream

The oxidation of normal, healthy cell molecules by active oxygen is blocked. The biological molecules remain intact.



Diseases linked to excessive oxidation of normal biological molecules are prevented.

Downstream

Downstream from the digestive tract, starting at the liver, reduced water quickly enters the liver and other organs due to, first, its lower molecular weight, and, secondly, the size of its clusters. At tissue sites throughout the body, reduced water with its safe, yet potent reduction potential readily donates its passenger electrons freely to active oxygen and neutralizes them so they cannot damage the molecules of healthy cells. Normal cells are protected from the electron thievery of active oxygen and allowed to grow, mature, function and regenerate without interference from rogue, oddball oxygen radicals, which tend to steal the electrons from the molecules of normal, healthy biological molecules.

The water boom

We are now in the midst of a water boom. In Japan and other countries consumers are buying various kinds of bottled and canned water even though water is one of our most abundant vital resources. Research data reveals that mineral waters have an ORP of +200 mV, slightly lower than the +400 mV measured for ordinary tap water. We can say that at least mineral water is marginally better than tap water from the viewpoint of ORP. Compared to any processed water for sale, however, Ionized Water with its reduction potential of -250 to -300 mV is beyond comparison due to its ability to scavenge active oxygen radicals.



AKAI

What makes water healthy?

Healthy water should:

- ✓Be alkaline to restore your body to its natural state to better fight infections and disease
- ✓Have a strong anti-oxidant to combat disease-causing free radicals
- ✓Include calcium and magnesium in a form that your body can readily use
- ✓Have smaller water clusters for greatly improved hydration
- ✓Be micro-filtered to remove bacteria that causes illness
- ✓Be disinfected using ultraviolet to kill harmful waterborne viruses
- ✓Taste great so that you want to keep coming back

Can your water do this? Ours can.

Water in a bottle doesn't necessarily mean your water is healthy. Our experience has been that a large number of retail water products are acidic and have been stripped of valuable minerals. The Akai Water Ionizer can do all of the above through a simple bench top unit that easily fits to your tap. Call High Tech Health on 1800 505 108 to find out more about the Akai Water Ionizer and what it can do for you. Below are some more of the benefits of the Akai Water Ionizer.

Benefits of the Akai Water Ionizer:

- Ultraviolet disinfection
- Detoxifies
- High energy potential
- Rapid hydration
- Mineral rich
- Water tastes great
- Improves water clarity
- Adjustable pH
- Installs in minutes
- **One year warranty**

- Micro-filtration to .1 micron
- High alkaline water decreases acidity
- A natural, super anti-oxidant
- Aids digestion
- Distributes dissolved vitamins & minerals efficiently
- Reduces off-tastes, odours, & sediment
- Reduces chlorine 95%
- Acid water by-product good for skin
- Attractive benchtop appearance
- **30-day money-back guarantee**

Our 30-Day Money Back Trial: If you are dissatisfied - *for any reason* - you may return the unit any time within the first 30 days for a full refund, less shipping.

http://www.hightechhealth.com.au/new_web/Ionizer/ionizer.htm



High Tec Health Bs: 1800 505 108

Akai MS900 with UV filtration, stainless steel spout with magnesium and calcium cartridges AU\$1,979

Akai MS600 (no UV filtration) AU\$1,595

Annual maintenance and filter renewal is necessary.

OR Jupiter Melody AU\$1,595 inc GST

<http://www.ionlife.info/>

<http://www.ionlife.info/acid-alkaline-balance.asp>

Australia:	1800 268 469
New Zealand:	0800 828 250

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Arts and Industrial Estate
Byron Bay
Ian Blair Hamilton and Cassandra Bond.

Bs 02 6685 6471

Fx 02 6680 7308

A tune to learn and sing to yourself:

**‘Every little cell in my body is happy!
Every little cell in my body is well!’**

This tune is immensely life enhancing!
This tune calibrates on the MoC at 820



Water Vortex Magnetizer

http://www.quantumbalancing.com/vortex_magnetizer.htm

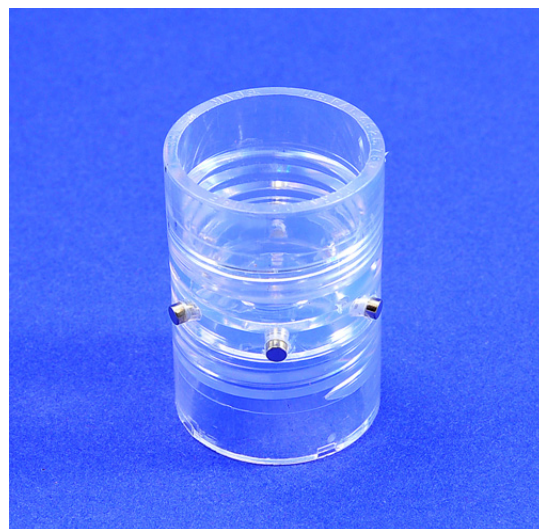
Experiment with making your own "Structured Water" based on the vortex and implosion research of [Viktor Schauburger](#).

Great for energizing and imploding water for the Eagle Guardian and Eagle Pro Remedy Maker vials.

This is the "Original" structured water device that is used by "Joe Cell" and "Moe-Joe Cell" inventors to create highly energized water for their hydrogen cells.

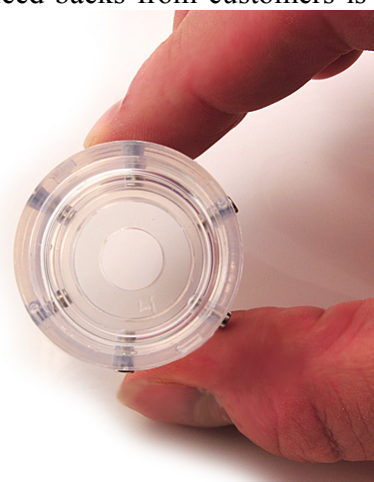
Energize and structure water for homeopathic and isopathic remedy vials!

Our delightfully powerful Water Vortex Magnetizer is one of our most powerful and fun tools for research into creating your own energized and structured water. We use it for energizing our drinking water, energizing vial water for the Eagle Guardian and Eagle Pro Remedy Maker, and for our experiments with concentrating ORMUS in various water samples. One of our favourite uses is to put 1/4 teaspoon of Celtic Sea Salt and 1/4 teaspoon of Vitamin C Crystals in a small bottle (24 oz.) and implode them into a high energy drink.



Drinking good quality water is essential for maintaining good health. Dr. F. Batmanghelidj points out in his book "The body's many cries for water" that most people in this day and age are chronically dehydrated. People in general do not drink enough water. This in itself can cause or contribute to a multitude of diseases and ailments. So the first benefit is that energized water is much nicer, more pleasant and natural tasting. Therefore, people are more inclined to drink the 8 glasses of water per day, as recommended. One of the most common feed-backs from customers is that since getting the Water Vortex Magnetizer they are actually enjoying drinking water again. Many customers have reported an improvement in their existing condition, better quality of sleep, and more energy.

Theory: The Water Vortex Magnetizer utilizes Magnetohydrodynamics. By treating the water magnetically, this effects the ionization process. By reversing the polarity of the ions at the molecular level, it reduces surface tension and inhibits growth of bacteria. Even wine enthusiasts are now using magnetic collars to improve the taste of wines!



Vortex energy is at work everywhere and is the workhorse of the universe. The vortex is the bridge between the unseen and the seen and is the form of motion which steps up speed in space, gathers energy or potential together and combines that energy into matter or mass and crystallizes the design of

its matrix which resides in the invisible background universe. Vortices guide life's processes by centripetally charging, feeding growth, and then centrifugally discharging it and bringing it back to non-motion or static existence. This centripetal and centrifugal motion has the ability to re-structure water by directly drawing energy from the universal matrix because the vortex movement is the only movement nature uses to produce its many wonderful effects.

In theory, the Water Vortex Magnetizer transfers its own natural vibrational imprint onto any water, including tap water. This means that any imprints from chemicals or toxins in the water may be erased, and the **new natural pattern** of vortex magnetic implosion energies are applied. The user's intention may also play a very powerful role in the re-patterning process. The Water Vortex Magnetizer is sold for research and experimental purposes only and no benefits or claims are stated or implied.

Magnets: Six ultra-powerful cylindrical neodymium magnets are aligned in a rapid field reversing array. The magnets are mounted in a hexagonal configuration based on sacred geometry's master secret, the "Vesica Pisces". We believe that the six powerful magnets combine with the vortex implosion energy to restructure the water into a more structured state. The shape of the Water Vortex Magnetizer spiral follows the harmonic spiral space curve.

Researchers are now discovering that imploding water at a high rate of speed through a rapidly reversing magnetic array may concentrate ORMUS, or M-State materials which are thought to be very beneficial and related to White Powder Gold. You can read more about on the Yahoo ORMUS Group located [HERE](#). David Hudson used the acronym ORME to refer to Orbitally Re-arranged Monoatomic Elements which he patented in 1989.

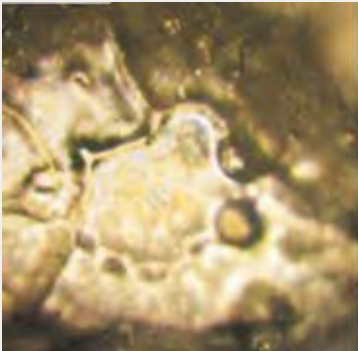
Instructions:

- A. Fill one bottle 2/3 full of water and set on table. Screw on the Water Vortex Magnetizer. Turn the second bottle upside down and screw into the top half of the Water Vortex Magnetizer.
- B. Invert both bottles and hold the bottom bottle with your left hand and spin the top bottle with your right hand **clockwise** a few times. This will create a nice vortex in the top bottle.
- C. Repeat step B two more times.
- D. You can also experiment by alternately rotating the bottle clockwise and then counter-clockwise which we believe may erase any negative imprints in the water structure.
- E. We are often asked, which water bottles work best? Almost any standard water bottle works just fine, however, we have found that the brand "SmartWater" by Glaceau (www.glaceau.com) is ideal in shape and thread pattern to produce a perfect water vortex. SmartWater bottles come in several sizes and we prefer the 750 mL. SmartWater is available at many natural food stores including Whole Foods. Plastic bottles work better than glass because they form a better seal.

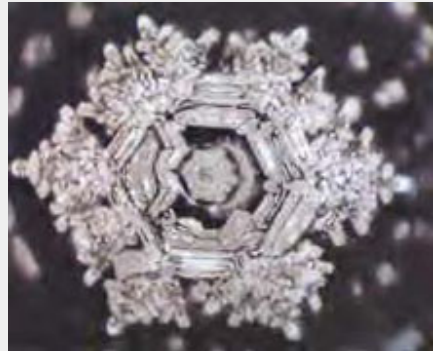
WATER MEMORY:

From Dr Masaru Emoto's work we are provided with factual evidence, that human vibrational energy, thoughts, words, ideas and music, affect the molecular structure of water, the very same water that comprises over seventy percent of a mature human body and covers the same amount of our planet. Water is the very source of all life on this planet, the quality and integrity are vitally important to all forms of life. The body is very much like a sponge and is composed of trillions of chambers called cells that hold liquid. The quality of our life is directly connected to the quality of our water.

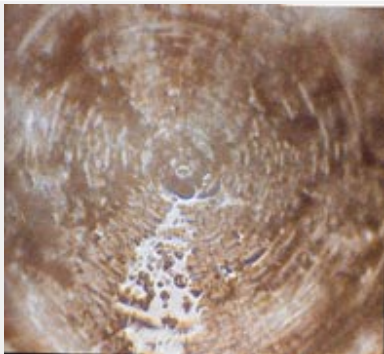
Emoto's extraordinary work is an awesome display, and powerful tool, that can change our perceptions of ourselves and the world we live in, forever. We now have profound evidence that we can positively heal and transform ourselves and our planet by the thoughts we choose to think and the ways in which we put those thoughts into. Kindly note the variations in crystal formation as a result of your thought.



Fujiwara Dam, before offering a prayer



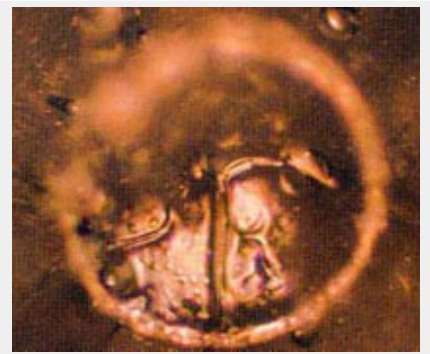
Fujiwara Dam, after offering a prayer



Heavy Metal Music



You Make Me Sick, I Will Kill You



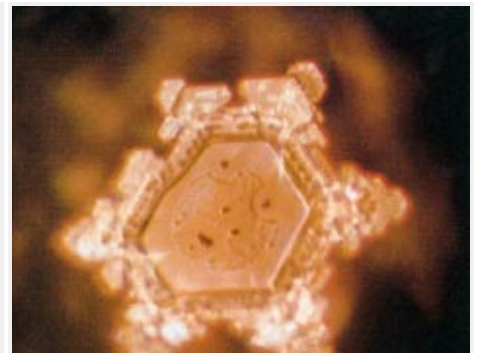
Adolph Hitler



Thank You



Love and Appreciation



Mother Teresa

WATER TEMPERATURE:

Living Energies by Callum Coats P.111

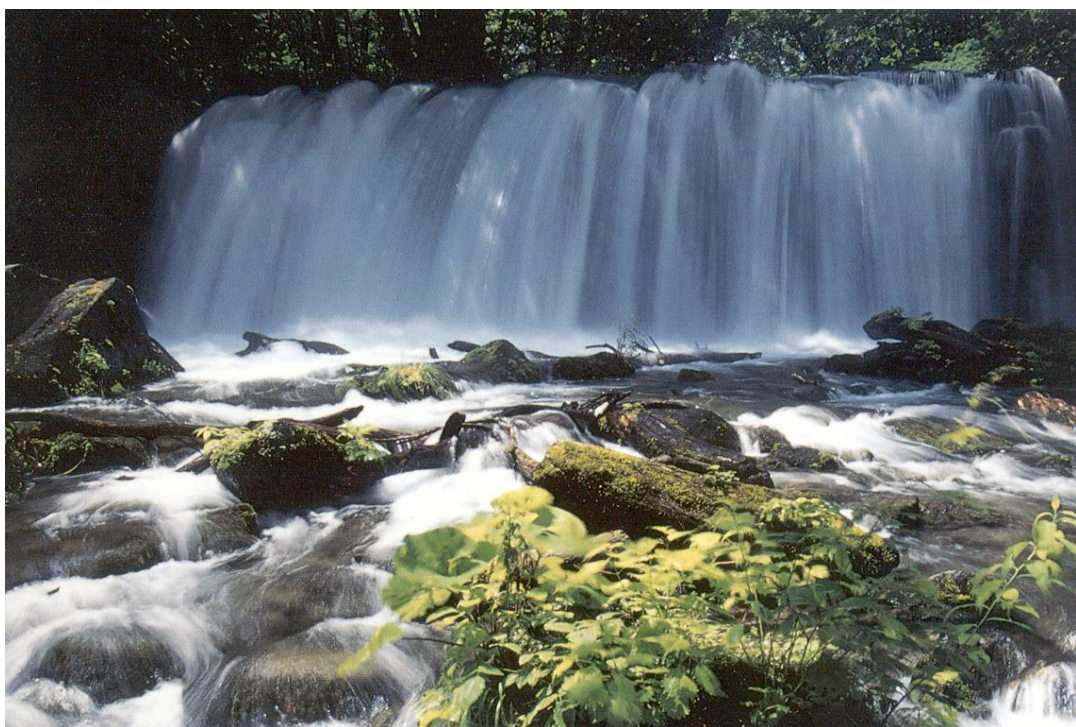
While all fluids become consistently and steadily denser with cooling, water, alone, reaches its densest state at a temperature of **+4° Celsius** (39.2° Fahrenheit). This is the so-called '**anomaly point**', which is decisive in terms of its potency and has a major influence on its **quality**. Below this temperature it once more expands. At **+4°C** water has a density of 0.99996 grams per cubic centimetre (g/cm^3), has the least spacial volume and is virtually incompressible.

Plus **4°C** also signifies the temperature where water has its highest energy content and is in what Viktor Schauberger called a state of 'indifference'. In other words, when in its highest natural condition of health, vitality and life-giving potential, water is at an internal state of energetic equilibrium and in a thermally and spacially neutral condition.

The most crucial factor affecting the health and energy of water is **temperature**.

In its concentrative, cooling, energising function the **+4°C**-approaching (temperature of water moving to this point), positive temperature gradient has a formative effect. It is a process whereunder living systems can be built up, since in water it draws the ionised substances together into intimate and productive contact, for here the contained oxygen becomes passive and is easily bound by the cool carbonates, thereby contributing beneficially to healthy growth and development.

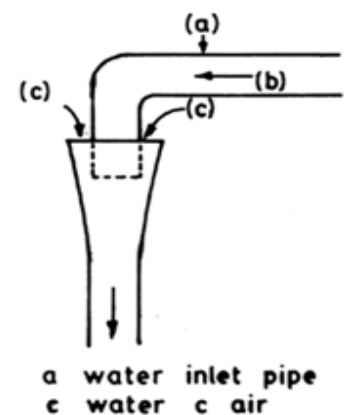
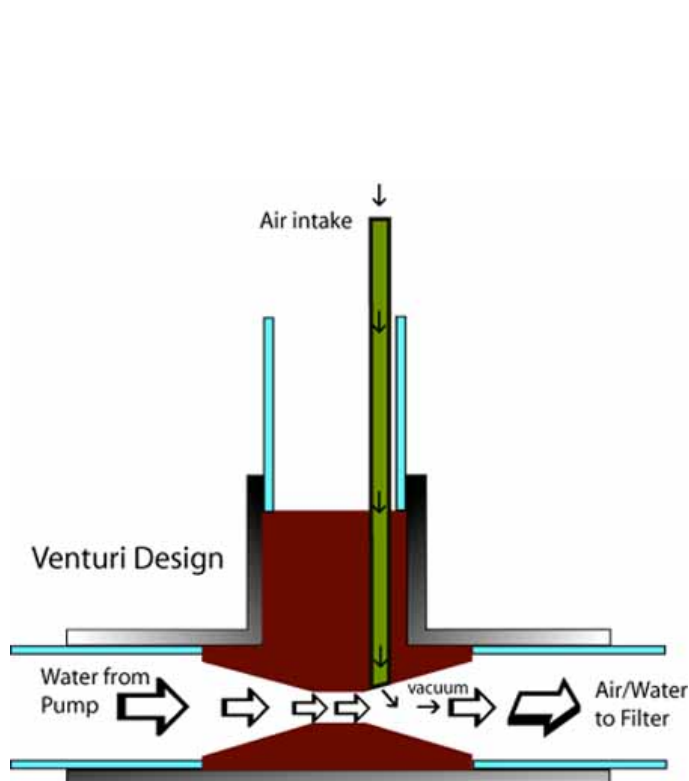
The **+4°C**-deviating (moving away from this temperature), negative temperature gradient, on the other hand, has a disintegrative, debilitating function, for with increasing warming the structure of a given body becomes more loosely knit with a commensurate loss in cohering energy. In this case, due to the rising temperatures, the oxygen becomes increasingly aggressive and reverses its role as co-creator and benefactor, turning into a destroyer and fosterer of diseases and pathogens.





A **venturi** is a device that injects air into your drinking water to ensure adequate **oxygen aeration**.

It is made very simply from pipework and has a restrictor inside and an air tube which extends above water level (you can see a diagram below). Water is pushed through the venturi, and the restrictor creates a vacuum that sucks air in from the tube above water level, and then mixes with water inside the venturi to cause bubbles that aerate the drinking water. It is used to improve aeration and **increase the oxygen level** in the water. The pumping of water through water mains seriously depletes drinking water of **oxygen**.



IN HOME WATER FILTRATION CONTRIBUTES GREATLY TOWARDS WELLNESS:

To be life enhancing, any substance that we take in needs to calibrate over 200 on the Map of Consciousness (MoC) scale. Tap water provided from any source invariably fails this minimum benchmark.

The white 1 micron filters after 1 year of processing drinking water.

The fawn coloured cell has benefited from the softer and higher quality water of the Gold Coast in south east Queensland.

The darker motley cell is from Brisbane, the capital of Queensland, Australia.



The brilliantly white 1 micron filter turned into noxious chocolate brown within 2.5 years at a prestigious school. Similarly for the second fawn coloured filter.

The powder blue result is from copper piping in a luxury unit on the Gold Coast within 1 year.



This galvanised steel pipe was the conduit for drinking water at a prestigious private school until recently. The pipe was left outside in the open air for over a month so that the stench would abate enough so that it could be handled.



The 'clip-on' modular system developed by Bio Pure enables the optimum configuration to be installed and the simplest of maintenance procedures. The cartridges are replaced as required with spent units sent for disposal annually. The micron fibre units enable optimum in purification and taste whilst managing the issues of your local water supply.



On left, contents of:
1 micron filter cartridge
0.5 micron carbon cartridge
0.03 micron fibre filtration.

On right:
0.5 micron carbon cartridge
0.03 micron fibre filtration
Zeolite bio-mineral cartridge
with contents on display.

This zeolite bio mineral greatly enlivens the drinking water.



www.biopure.com.au

Ezi-fit

TOMORROW'S

Pure Taste

technology here today

The *Ezi-fit* range of new technology filters are manufactured from FDA compliant components ensuring the best quality water filtration for your drinking water.

Ezi-fit water purifiers incorporate heavy duty pressure housings. The filters are factory sealed inside the housings producing a high quality compact one piece filter. This means every time the filter is replaced, the heavy duty housings are automatically renewed as well. The benefits are numerous, with no need to sanitise old filter housings, no risk of damaged O-rings or threads during service, no cross contamination, & less risk of leaks.

Ezi-fit fittings simply snap on ensuring quick and easy filter changes.

Filter housings pressure tested to over 600psi.

All plumbing fittings are Australian approved.



Change your filters in seconds!



A wide range of filter options are available from sediment & taste & odour, to Carbon block, KDF, UF Ultra fine and Reverse Osmosis.

Our 0.5 micron Carbon block models will remove :- Dirt, Rust, Sediment, Chlorine, a wide range of Chemicals, Bad Taste, Odour, Cryptosporidium*, Giardia* and Volatile Organic compounds. Our KDF filter removes Algae, Scale and Heavy metals. Our UF Ultra fine membranes remove Bacteria and Virus, while our Reverse Osmosis models will also remove: Salts, Nitrates, Chromium, Aluminium, Mercury and all dissolved solids down to 0.0001 micron.

New housing with every replacement filter

* The Ezi-fit 0.5 micron carbon block filter has undergone extensive testing with live Cryptosporidium and fully complies with Australia/New Zealand Standard 4348:1995 Appendix C.

More detailed information is available on this product at www.biopure.com.au



UF BOX

UF Ultra fine Incorporates new hollow tube technology that increases micro filtration performance levels by a factor of 25.

Removes:- Virus, E coli, Bacteria, Cryptosporidium*, Giardia*, Dirt, Rust, Sediment, Algae, Chlorine, Bad taste, Odour, Lead, Volatile organic compounds and more.

Australian approved plumbing fittings

Available in 2 faucet options:

U.S. made Lead free Hi Loop faucet

All Chrome Ceramic Disc Faucet

Model BP UF BOX/1

Model BP UF BOX/2

100%
Bio Pure
Certified



PREMIUM 3 STAGE UNDERSINK PURIFIER

New Ezi-fit quick change Housings

0.5 micron Carbon block

& KDF Redox technology effectively removes: Odour,

Cryptosporidium*, Giardia*, Heavy metals, Algae, Bacteria,

Chlorine, Ammonia, Volatile Organic compounds & Bad taste

0.5 Micron Sediment Pre-Filter

Chrome Pressure limiting Valve

Australian approved Fitting Kit

Ideal for large families

Available in 2 faucet options:

U.S. made Lead free Hi Loop faucet

All Chrome Ceramic Disc Faucet

Model EZ 301

Model EZ 302



DELUXE TWIN UNDERSINK PURIFIER

New Ezi-fit quick change housings

New housings with every filter replacement.

0.5 Micron Carbon Block Filter removes: Cryptosporidium*,

Giardia*, Chlorine, VOC's, Chemicals, Bad taste & Odour

0.5 Micron Sediment Pre-Filter

Chrome Pressure limiting Valve

Australian approved Fitting Kit

Ideal for a family of 2-6

Available in 2 faucet options:

U.S. made Lead free Hi Loop faucet

All Chrome Ceramic Disc Faucet

Model EZ 201

Model EZ 202



SINGLE UNDERSINK WATER FILTER

New Ezi-fit quick change Housings

0.5 Micron Carbon Block Filter removes: Cryptosporidium*,

Giardia*, Chlorine, VOCs, Chemicals, Bad taste & Odour

Removes CRYPTOSPORIDIUM* & GIARDIA*, Chlorine Taste & Odour

Chrome Pressure limiting Valve

Deluxe Fitting Kit & Touchflo Faucet

Ideal for 1 to 3 people

Available in 2 faucet options:

U.S. made Lead free Hi Loop faucet

All Chrome Ceramic Disc Faucet

Model EZ 101

Model EZ 102



www.biopure.com.au



Dalton A. Dean
Proprietor
m. 0419 785 865

t: 07 5532 3646
f: 07 5532 7181

dalton@biopure.com.au

4/39 Olympic Circuit
Southport Q 4215

Faucet options are available





UF - ULTRA FINE PURIFIER

Removes Virus E-coli Cryptosporidium & Giardia

UF incorporates new Hollow Tube technology that increases micro-filtration performance levels by a factor of 25

Change your filters in seconds with *Ezi-fit*

- Each UF filter consists of very small hollow fibre tubes. Water is forced from the outside of each hollow fibre tube through Ultra fine pores no bigger than 0.02 microns. The filtered water then exits with the contaminants trapped in the external fibres. As there are hundreds of hollow tubes in each UF Filter the flow rate is not affected.
- Factory sealed filters ensures:
 - New pressure housings every time your filter is replaced.
 - No need to sanitize filter housings.
 - No leaks.
 - No risk of damaging O'rings and threads during service.
 - No cross contamination.
- Simple *Ezi-fit* fittings ensure:
 - Quick and easy filter changes.
- Filters pressure tested to over 600 PSI



New Compact slimline filter box ensures more room under the sink and minimises damage from pots & pans etc & storage for the spare filter (included).

0.02 Micron Ultra Filtration

Also Removes: Bacteria, Dirt, Rust, Sediment, Algae, Chlorine, Bad Taste, Odour, Lead, Volatile Organic compounds and more

BIO-PURE / RAINMAN'S WATER HOUSE CONFIGURATION:

Cell Unit:

1. 0.5 Micron Sediment Filter.

0.5 Micron Polyspun filter removes dirt rust sediment and particulates down to 1 micron.

2. 0.5 Micron Carbon Filter.

Removes dirt, rust, sediment, bad taste, odour, **chlorine** and other chemicals. Ideal as a pre or post filter for Reverse Osmosis (RO) and ultrafine systems.

3. KDF <http://www.kdff.com/>
Kinetic Degradation Fluxion (KDF) removes dirt, rust, sediment, bad taste, odour, chlorine and other chemicals. This filter incorporates a new Medium called KDF which works to inhibit scale, reduce or remove iron, lead, mercury, calcium carbonate, magnesium, bacteria, algae and fungi (this is an add on unit).



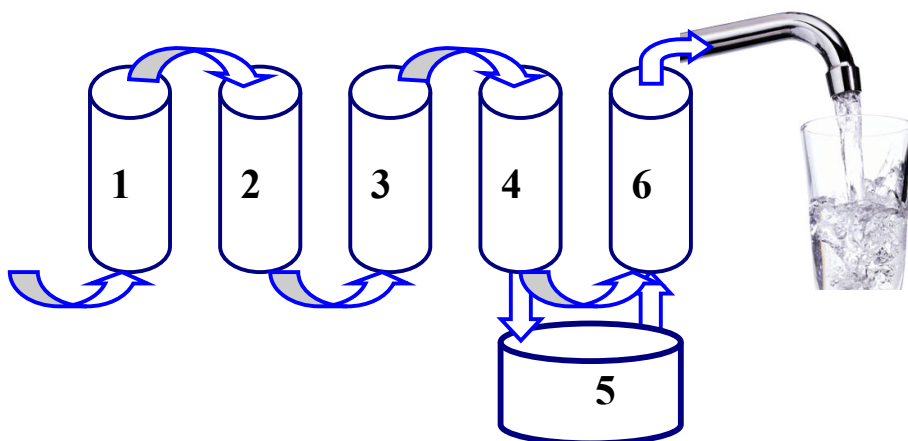
4. 0.03 Micron Ultra Filtration (UF)

Removes bacteria, dirt, rust, sediment, algae, chlorine, bad taste, odour, lead, volatile organic compounds and more.

OR

Reverse Osmosis (RO) filtration unit (requires 85 psi [pounds per square inch pressure] water supply).

5. Reverse Osmosis (RO) storage tank (when using RO you do not require UF unit in configuration). (Avoid RO)



6. 0.5 Micron Carbon Filter
Post Filter

Reduces giardia and cryptosporidium, volatile organic compounds (VOC), chlorine, bad tastes and odours, extra-fine sediment.

OR

Zeolite Bio Mineral cells revitalises the purified water (this is an add on unit).

Options start at A and grow to D depending upon the condition of the input water:

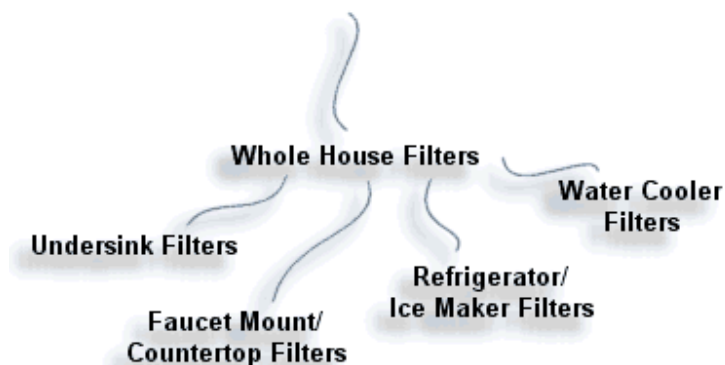
- A. Sediment Filter + 0.5 Carbon Filter
- B. Sediment Filter + 0.5 Carbon Filter + KDF (Kinetic Degradation Fluxion) Unit
- C. Sediment Filter + 0.003 Micron Ultra Filtration (UF) + 0.5 Carbon Filter
- D. Sediment Filter + 0.5 Carbon Filter + RO + RO Tank + Post Filter + KDF + Zeolite

RAINMAN's WATER HOUSE:

Dalton A Dean
 Jackie Sheargold
 4/39 Olympic Circuit
 Southport 4215 Queensland Australia

www.biopure.com.au
 Em dalton@biopure.com.au
 Em jackie@biopure.com.au
 Em rainmans@iinet.net.au

1300 553 983
 Mb 0419 785 865
 Bs 61 7 5532 3646
 Fx 61 7 5532 7181



	Supply Only	Standard Gold Coast Installed	With all Chrome Ceramic Disc Tap	Prices May 2006: Annual Service	Household
EZ 101 Single Undersink Water Filter	AU\$219	AU\$297	+AU\$50	AU\$76	1 - 3
EZ 201 Deluxe Twin Undersink Purifier	AU\$299	AU\$377	+AU\$50	AU\$89	2 - 6
EZ 301 Premium 3 Stage Undersink Purifier	AU\$349	AU\$418	+AU\$50	AU\$140	2 - 6
BP UF Box/1	AU\$499	AU\$549	+AU\$50	AU\$150	
add Zeolite cartridge filter	AU\$75	AU\$75			
4 Stage Reverse Osmosis unit (Avoid)	AU\$929	AU\$999		AU\$150	
5 Stage Reverse Osmosis with Zeolite	AU\$1,004	AU\$1,074		AU\$225	
Shower Rose fitting	AU\$155	AU\$155		AU\$60	
Venturi Oxygen Aeration Unit - Optional					

UF-Ultra Fine Purifier 0.03 micron ultra filtration for virus, e-coli, cryptosporidium and giardia.

Annual service includes replacement of cartridges and sterilization as necessary.

Treat the water at the point immediately prior to use.



<http://www.gundrilltrading.com.au/index.html>

Welcome to Gundrill Trading's Website and Online Catalogue. We hope you will find our site to be both informative and easy to navigate.

At Gundrill Trading we specialize in Water Filtration, Reverse Osmosis Water Filters, Magnetic Fluid Reactors and Replacement Sediment and Carbon filters. We custom make filter kits to suit every application and will personally box and barcode kits, as well as develop you your own filtration logo for your resale ease.

Ph: 07 5500 4755

Ian Gundrill

Or drop us an email at: gundrill@bigpond.net.au

2 Spencer Road,
Nerang 4211

Manufacturers and wholesalers of water filtration systems.





<http://www.positivepotential.com.au/>

Is your body functioning to its complete potential? Do you have to drag yourself out of bed each morning? Do you suffer from degenerative diseases like **gout, arthritis, asthma, allergies**? Are you overweight? **Are you sick and tired of being sick and tired?**

STOP !! You have just found the missing link to optimum energy, vitality and health.

My name is Robyn Backhouse, and I have always been interested in preventative and optimal health. At the age of 54, I decided to test my true biological age to see how "old" I really was. I was quite delighted when my tests revealed my biological age as being 44 when I was actually 54!!

However, I still felt my general health and energy levels had room for improvement. More significantly, I had suffered from **bladder problems** and **urinary tract infections** for **over 30 years** that had been a cause of constant irritation.

I never imagined that when I next took the test my biological age was only 29!

How did I do it?

I discovered the importance of alkaline / acid balance in our body!

I learned that our hectic lifestyle with its stress and poor diet creates over-acidity in the body. This acidity builds up in our cells and tissues and can contribute to all sorts of unpleasant symptoms and diseases.

I learned to stop putting toxins into my body through household and personal care products.

I learned that a few adjustments to my already healthy diet could make a huge difference to my energy levels.

The **MOST IMPORTANT** thing I learned was that drinking [ionized alkaline water](#) is the single most important change I could make to my daily routine.

"If someone were to ask me what's the one thing I can do to have better health, then the answer would be very simple: start drinking alkalized and ionized water." Robert O Young (MS, D.Sc., Ph.D)



Robyn Backhouse
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 Booragoon WA 6154
 AUSTRALIA

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 Mobile: 0407 085 082 0407 085 082 FREE
robyn@positivepotential.com.au

Kangen 7 <http://www.positivepotential.com.au/shop/water-ionizers-alkalizers/kangen7>

7 plate ionizer.

\$1,995.00

(This is not the Japanese' Enagic system being the Kangen water system that has health industry approvals and accreditation.)



Ultrastream (Silver/Black)

\$499.00

Introducing the world's most advanced, most affordable water filter, alkalizer and ionizer.



Bio1000 Super

\$880.00

10 litre bench top dome system with chrome tap outlet. 85% fluoride removal.



Alka Mag



Inline cartridge to create alkaline, antioxidant, oxygenated water for existing UNDER SINK TWIN CARBON filter. Includes 1 x pH Reagent to test water.

\$150.00

Pi Alkaline Filter

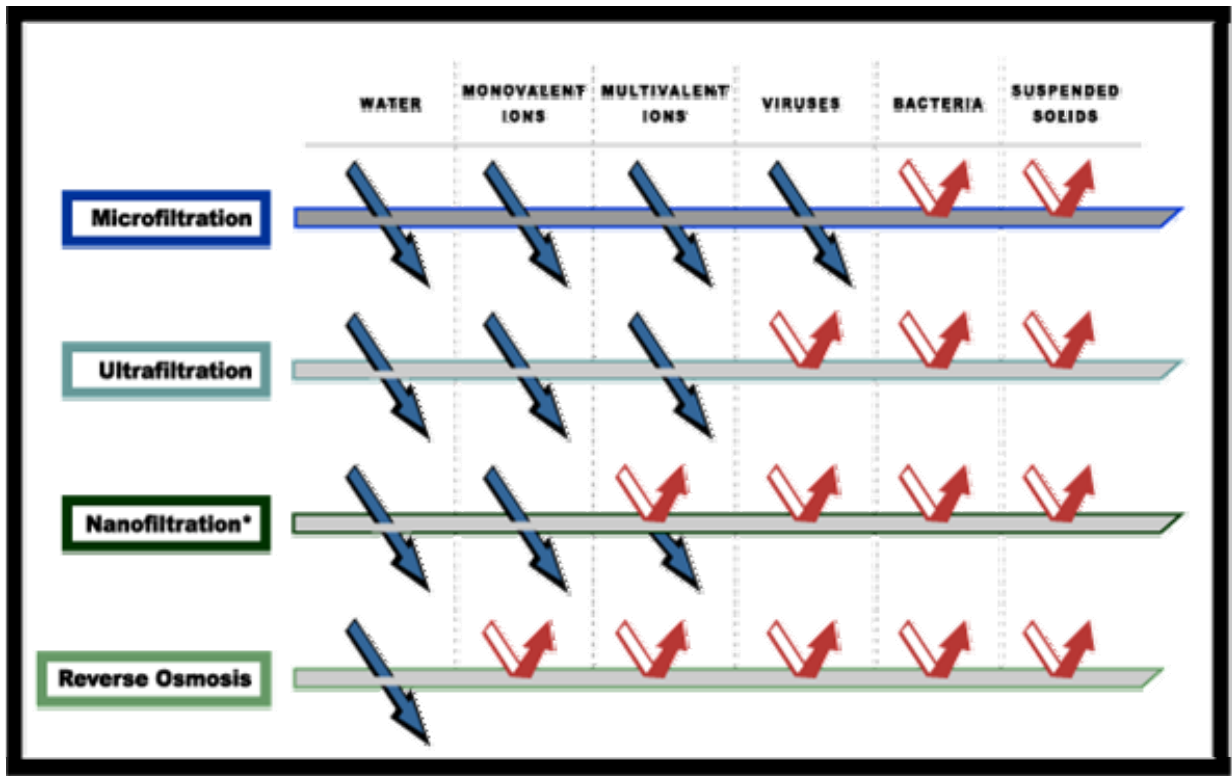


Inline cartridge to create alkaline, antioxidant, oxygenated water for existing REVERSE OSMOSIS system. Includes 1 x pH Reagent test kit

\$150.00

And much more!

WATER QUALITY & FILTERS:



	◀ ST Microscope		◀ Scanning Electron Microscope				◀ Optical Microscope				◀ Visible to Naked Eye													
	Ionic Range				Molecular Range				Macro Molecular Range				Micro Particle Range		Macro Particle Range									
Micrometers (microns)	0.001				0.01				0.1				1.0		10		100		1000					
Angstrom Units (Log Scale)	10		100		1000		10 ⁴		10 ⁵		10 ⁶		10 ⁷											
	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5						
Appr. Molecular Weight	(Saccharide Type - No Scale)		100		200		10,000		100,000		500,000													
Relative Size of Common Materials	Atomic Radius		Aqueous Salts		Sugar		Albumin Protein		Pyrogen		Virus		Bacteria		Cysts		Red Blood Cells		Yeast Cells		Human Hair		Beach Sand	
Process For Separation					→ Ultrafiltration								→ Particle Filtration											
					→ Nanofiltration				→ Microfiltration															

KENISIOLOGY TESTING on Map of Consciousness (MoC) Scale 1 – 1,000:

	MoC Calibration	
Tap Water – Brisbane, Queensland, Australia	130	Household water supply
Tap Water – Gold Coast, Queensland, Australia	160	Household water supply
Boiled Water – Gold Coast	190	
Human Body	205	Truth vs Falsehood p.94
Filtered Tap Water	240	
Water, ionised, alkaline (PH 10) Akai brand unit	245	High Tech Health
Water Reverse Osmosis treated	250	
EZ 101 Single Undersink Water Filter (0.5 micron)	205	Gold Coast water – Biopure.com.au
EZ 201 Deluxe Twin Undersink Purifier (0.5 micron)	215	Gold Coast water – Biopure.com.au
EZ 201 (sediment filter, carbon block) + Zeolite (biomineral)	250	Gold Coast water – Biopure.com.au
EZ 301 Premium 3 Stage Undersink Purifier (0.5 micron)	250	Gold Coast water – Biopure.com.au
UF Box Ultra Fine Purifier (0.03 micron)	260	Gold Coast water – Biopure.com.au
UF Box with Zeolite (bio-mineral) cell added	280	Gold Coast water – Biopure.com.au
Box 4 stage with Reverse Osmosis (not recommended)		Gold Coast water – Biopure.com.au
Box 5 stage with Zeolite (bio-mineral) cell	295	Gold Coast water – Biopure.com.au
Box 5 stage with Zeolite with oxygenating venturi fitted	360	Gold Coast water – Biopure.com.au
Optimum energy level of water is achieved at 4°C	True	

The Kinesiology Muscle Testing process and the calibration table are outlined within David R Hawkins books, Power vs Force and Truth vs Falsehood (veritaspub.com). Consider using this procedure to review any item of food and also your favourite restaurant meals. The process may take only a minute or two and what you will discover will provide you with great comfort as well as the knowledge that your choices can now always be positive for you and your family and friends.

Note:

The Map of Consciousness (MoC) table is based on the common log of 10. It is not a numeric table.

A calibration increase of 1 point is in fact a 10 fold increase in energy.

A calibration increase of 10 points is in fact a 10,000,000,000 fold increase in energy.

Thus the energy differentials are in fact enormous!

Blessing your water achieves an increase of 15 points which is in fact a quadrillion (10^{15}) jump in energy.

At the level of 200 on the scale of 1 to 1,000 you achieve a positive level, below is negative.

Example: Any food or substance calibrating below 200 is not life enhancing.

Any food or substance calibrating **over** 200 is life enhancing.

LIVING WATER

This document overall: Map of Consciousness calibration 605

