



PRODUCT INFORMATION
AND
TECHNICAL SHEET

Definition

eOmega AMWater **ACTIFY**

AMWater ACTIFY starts a function

'Energizing'

Water molecules are re-structured and returned to their original life-supporting, moisturizing state. With built-in natural minerals found within the filtration unit, the system produces, facilitates the removal of the energetic signatures of harmful substances found in water, thereby energizing it. This purification and re-structuring of water allows it to detoxify and rejuvenate the body when consumed.

PRODUCT SPECIFICATIONS

Product Name	Eamega Amwater Actify
Model	AK 8000
Manufacturer	Nexus Corp c/o Don Yang Science #362, Gwangmyeong Sibeom Industrial Complex 201, Haan-Dong, Gwangmyeong-Si, Gyeonggi-Do Korea (South)
Product Manufacture Permission No.	No.1309 by Korea Food and Drug Administration
Product Classification	Ionized Water Generator
Amega Marketing Name	Eamega Amwater Actify
Input Voltage – Amega Spec	AC220V / 60Hz – AC110V / 60Hz
Input electricity (Power Consumption)	0.5A (110W)
Weight	Approx 4.5kg
Overall Dimension	265 x 140 x 373mm
Applicable Water inflow Pressure Range	0.7 ~ 5kgf / cm ²
Applicable water temperature range	5~30°C
Unit Operations Type	One Touch – automatic ionization start

ELECTROLYSIS DEVICE AND WATER PURIFYING DEVICE

Ionized water input rate	Max 3l/minute (alkaline+acidic water)
Cleaning Device	Polarity auto Alternating system Patented MARC : (the world-wide patented Automatic Reverse Cleaning System)
Electrode Materials	Solid Platinum Plated Titanium
Number of plates	5 plates
Plates Size	110*60
Filter Replacement	0.1m Biostone
Electrolysis Strength	4 Levels
Electrolysis Method	Continuous Electrolysis
Ph highest setting	10.07 (1/8.43 – 2/8.93 – 3/9.75-4/10.07)
Acidic highest setting	6.07 (1/6.64 – 2/6.41 – 3/6.21 – 4/6.07)
ORP at highest setting	-482.0mv
Filter Life Duration	Approximately 5-7 months basis 20l/ day
Filter Life Indicator	LCD indication
Filter Composition	Silver impregnated activated carbon and bio ceramic stone(tourmaline), coral calcium
Water Purifying Devices Water Supply	Temperature Sensor / Auto Shut off Direct connection to a tap

CERTIFICATION

Quality Assurance Certification	ISO9001/ KSA 9001
Safety Certifications	KFDA Permission no: 1309 / CE / UL / ROHS

9 STAGE BIOSTONE PLUS FILTER

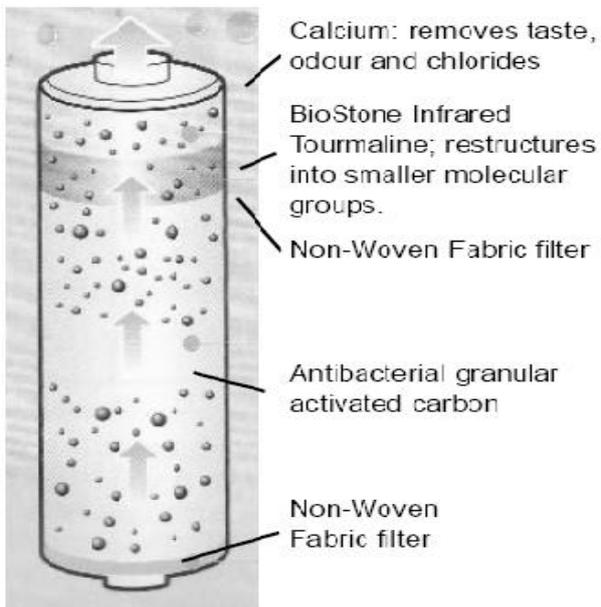
FILTER SPECIFICATION SHEET

Product	Silver Impregnated Activated Carbon
Grade	T-S 32 x 60M
Base	Coconut Shell
Origin	Japan

Charcoal Water Filters utilize charcoal derived from coconut husk as a filter medium. This absorbs impurities as the water passes through. This form of filter comprises possibly 95% of those in use domestically, because they are simple to install, relatively economical, and filter out 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.

	Unit	Testing Method	Regulation	Remarks
Bulk Density	g/ml	JIS K 1474	0.36 -0.52	
Moisture Content	%	JIS K 1474	<3	
Ash Content	%	JIS K 1474	<3	
Ball Pan Hardness	%	JIS K 1474	> 90	
Iodine No	Mg/g	JIS K 1474	1300	
Ph		JIS K 1474	5-8	
Particle Distribution	%	JIS K 1474	30/60 > 90	
Particle Distribution	%	JIS K 1474	30/60 > 90	





FEATURES

It is a high performance filtration system that changes normal tap water into purified, energised, alkaline and micro-clustered water.

FUNCTIONALITY OF THE FILTER

1. Filter Tap Water

- The 0.1 Micron **Biostone filter** is a high-performance, activated-carbon filter. It serves as a multi-phase filter, with hollow fibres in between the different layers of charcoal, coral calcium beads and tourmaline.
- The **nine-stage Biostone Plus** also incorporates the amazing natural properties of 'vortex hydraulics' into its body of filter design which ensures optimal performance and longevity of your filter. Its superior cutting edge filtration medium is a uniquely treated type of 'super' catalytic carbon. In practical terms it means you'll get better water by far, even with the "Purified Only" water selection.
- It is a very effective, state of the art filter that removes all harmful components in water such as chlorine, trihalomethanes, phenols, sediment, odour, organic waste and bacteria of all kinds.
- The impregnated silver kills off any germs.
- eAmega Amwater *Actify* has also incorporated vegan/vegetarian approved *coral calcium* in the filter. This additional calcium source within helps us to maintain our calcium balance internally in cases of mineral deficient water such as tank water.
- The **coral calcium** from the South China seas is considered to be the very best form of calcium and has numerous benefits to our body.

- The added calcium (from the mineral port) gives rise to a stronger ionized water output.

2. Energizes Tap Water

The **tourmaline ceramic** unit energises the water as it naturally emits far infrared (FIR) energy to water it comes in contact with. Tourmaline is a semi-precious mineral and by emitting FIR energy, it changes the surface tension of water, making it easier for the subsequent steps of micro-clustering and ionization of water molecules easier.

3. Calcium Port

It is a receptacle into which users can add mineral additives to water

Function

Adding mineral additives boosts the strength of the ionized water, especially of alkaline ionized water and makes it possible for a user to get more minerals into the generated output water.

Benefits

- Putting Calcium or Magnesium into the port will increase the concentration of the ionized mineral in the alkaline ionized water which help keep our body more healthy and energetic.
- Once minerals have been ionized, they are assimilated into our body easily.
The more minerals are found in the source water to produce the ionized water, the stronger it will be.

WATER IONIZER UNIT

1. Properties of electrolytic cell.



- A state of the art *Platinum-Titanium* coated electrolytic cell ionizes the water.
- It produces alkaline ionized water with an excess of OH^- ions at one end, and acidic ion water with an excess of H^+ ions at the other end.
- The alkaline ionized water, with all the beneficial alkaline minerals, is generated for you to drink.
- These alkaline properties of this ionized water neutralize acids and supplies the cells and tissues with alkaline minerals in ionized micro-cluster bio-active forms.

2. pH Range Obtainable

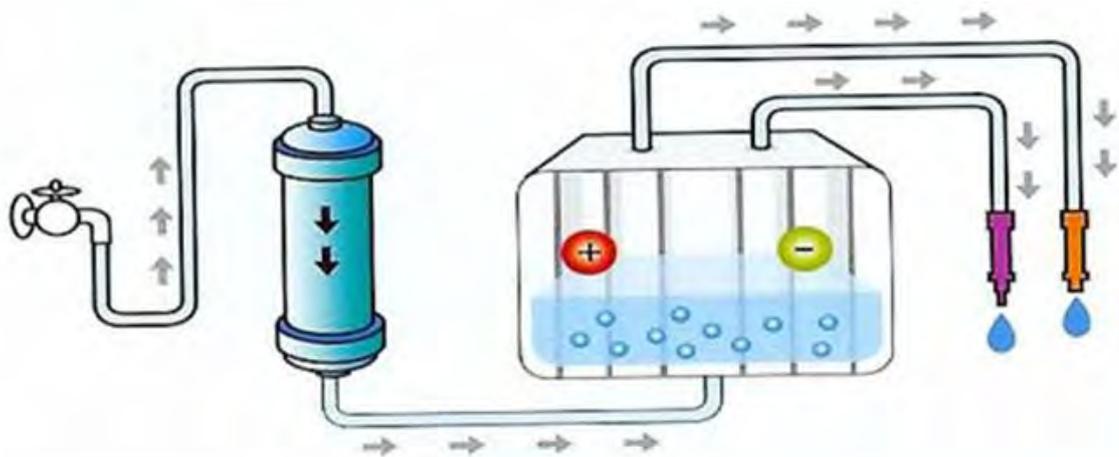
- Alkaline strength reaches up to 11 pH, depending on the quality of the source water. The stronger the ionized water, is the better it becomes as a disease preventative anti-oxidant.

- However, once ionized water reaches pH 10.0 and above, the water assumes a briny or salty taste.

Though it is not dangerous to drink water above pH 10.0 however it is not vital as ionized water should ideally be consumed between pH 9.5 and 10.0 for proper health benefits.

- Acid strength reaches up to 2.5 pH, depending again on the quality of source water.
- High strength acid water is not critically dangerous, but it is best not to drink the acid water
- Our unit produces water at 4 different pH levels (pH strength escalated up/down to a chosen level) for alkaline and acid output water respectively

3. Makes Powerful Anti Oxidant Negative Ions



- The hydroxyl ion, OH⁻, has an extra electron, giving it a negative charge which turns it into a potent anti-oxidant that scavenges free radicals in the body.
- Free radicals have been identified as notorious to the health of living organisms as they are believed to be responsible for premature ageing and the rapid degeneration of our bodies and cells.
- Free radicals are ~~toxic~~, highly reactive particles produced by the body as by-products of metabolism and via chemical contamination from food, water and air.
- Negative ions with a very low ORP or redox potential stop free radicals by attaching to them and quenching their electron hunger.

Hydroxyl ions (the antioxidant)	Last approx 18~24 hrs
Higher pH (alkaline water)	Last approx 1~2 weeks

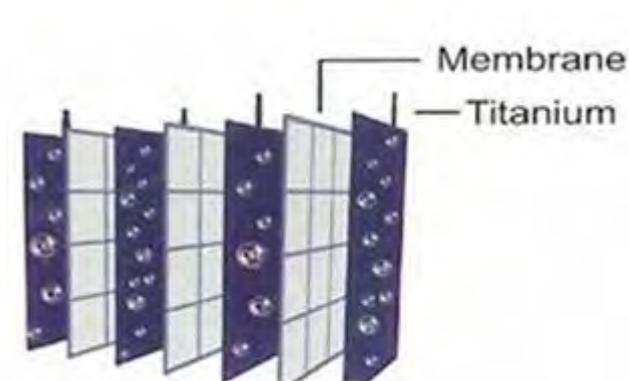
4. How Long does the Ionized Water Stay Ionized?

Creating Micro Clustered Water

The embedded technology also re-clusters the alkaline minerals and the water molecules into smaller micro-clusters, therefore enabling consumed water to penetrate and hydrate all the cells in your body in order to more efficiently: -

- **Create a more alkaline internal environment,**
- **Hydrate the cells of the body,**
- **Supply the body with minerals and**
- **Detoxify.**

Advanced Technology



ADDITIONAL FEATURES

- The eOmega Amwater *Actify* uses state of the art Platinum-Titanium coated electrolytic cell, and comes embedded with the latest micro-chip technology.
- The eOmega Amwater *Actify* also has a built in automatic electrode cleaning functionality. The unit reverses the polarity of the electrode plate and changes the direction of water flow. When self cleaning is taking place, the unit plays a tune.

- The advanced micro-chip processor system is called MICOM, which lets you control every function with just one touch.
 - It comes with complete automatic functions to :-
 - Prevent inflow of hot water.
 - Regulate to an intended pH level precisely as per user's choice.
 - Self-clean the electrodes and electrolytic chamber.
 - Self-diagnose.
 - Broadcast ~~on-time~~ the operational conditions into a digitalized voiceover and lighting system.
 - The advanced technology ensures quality and longevity of the unit.
 - Incooperates the most recent advances in mini computer electronics for *polymer ion separation*.
 - Regulates any excess electric current that can be potentially caused by water containing too much electrolytes
 - Responds appropriately to any abnormal operational condition within the unit through its built-in self-diagnostic mechanism.
 - Its self-diagnostic features also include features to analyse the quality, quantity and temperature of water, as well as the ability to prevent an excessive electric current.
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GENERAL INFORMATION

.....water, the prerequisite to life

Approximately 75% of our physical body is water and nothing alive can survive without water, which is the most important substance for creating a new life as well as maintaining ~~our~~ life.

Without water.....no life

Water is synonymous to life especially to living organisms. Water is life and a good quality of life is maintained by a healthy body and mind. In order to acquire good health, we must drink healthy vitalized water. However, the more advanced and progressive human civilization becomes, the greater the water pollution and deterioration of drinking water quality.

To quell our worries, eAmega has discovered '*dynamically alive life-restoring water*':

The eAmega Amwater Actify .

By in-cooperating its proprietary technology , the *Amized® Fusion Technology*' eAmega invented a highly advanced and state-of-the-art intelligent water ionizer. This splendid unit has been designed to re-store water's hidden potentials so that it interacts with our body's chemical systems in an optimal state vital for health.

It produces purified mineralized water through filtering and alkaline / acidic water via water-electrolysis.

Alkaline water serves as an efficacious tool to aid in building wellness to the user's body.

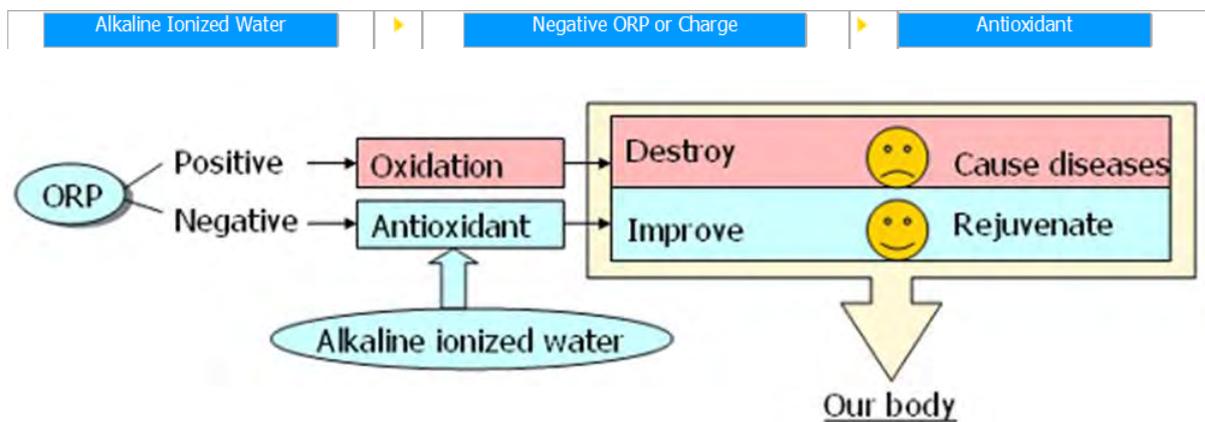
Alkaline ionized water provides our body with a felicity of rejuvenation - reversing the aging process in our physical body.

Acidic ionized water also serves its proper benefits by providing us with versatile utilities in skin care, dish-washing, vivid flower maintenance, curing athlete's foot, teeth cleaning and for purposes of sterilization etc.

Alkaline ionized water acts as a **Powerful Antioxidant** that supplies our body with an abundance of oxygen which gives us energy. It balances our body's pH, repelling the propensity for disease formation. It is a **Powerful Detoxifier** and a **Superior Hydrator**, providing up to six times more hydration than conventional water. Surely, **eAmega Amwater Actify** renders **multi-faceted benefits and usage** to the end-user.

SCIENTIFIC ACCESS

eAMEGA AMWATER ACTIFY IS A POWERFUL ANTIOXIDANT



aAmega Amwater Actify has the ability to convert normal tap water into an antioxidant with a **NEGATIVE ORP** (Oxidation Reduction Potential) or charge which reverses the aging process. i.e rejuvenates our body.

A high or increasing ORP increases oxidative reactions in body and the expedition of the aging process. The negative ORP of alkaline ionized water retards this aging process by counteracting the rising ORP. Ionized water starts to renew us from the cellular level. Ionized water can be considered almost synonymous with the '*Fountain of Youth*', as incredible as it may sound. In the human body, oxidation is caused by free radicals which is damaging to the human body.

As we age, our body's ORP continually rise as the oxidation rate of reactions within our bodies

continue to increase. Alkaline ionized water has a negative ORP value and thus it offsets the positive ORP within our body. Realistically we need to drink at least 1 to 2 gallons of strong alkaline ionized water per day for the reversal of the aging process.

Correlation of water pH & ORP

	Alkaline ionized water	Acid ionized water
pH	7.5 ~ 11.0	2.7 ~ 5.4
ORP	-250 mV	+ 750 mV

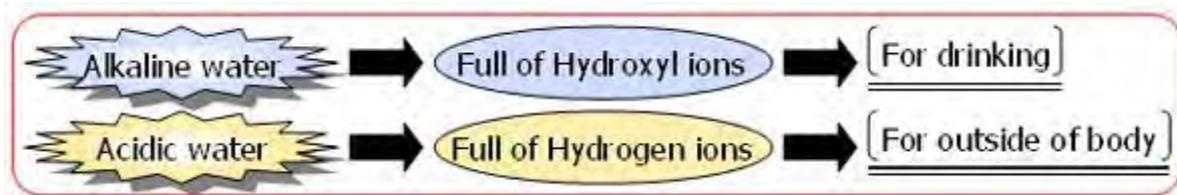
IONIZED WATER PROVIDES THE BODY WITH LOTS OF OXYGEN AND LOTS OF ENERGY

Alkaline ionized water consists of hydroxyl ions, OH. These hydroxyl ions remove free radicals which are unstable, activated oxygen molecules that cause damage to us. Once the hydroxyl antioxidants and free radicals have cancelled each other, the net result is that the body is supplied with abundant oxygen and thus abundant energy.

Oxygen is one of the most exhausted nutrients in our body because of our diet and the earth's oxygen-depleted environments that we put ourselves in everyday. Oxygen destroys cancer cells as well as bacteria and viruses invading the body.

IONIZED WATER SCAVENGES ACID WASTES FROM BODY TISSUE OR CELL

Anybody can enjoy alkaline ionized water. An owner of eOmega Amwater Actify, will benefit tremendously upon replacing his present drinking water with ionized water at the designated pH levels, as it's a safer drinking water than any other water in almost every aspect.



ALKALINE IONIZED WATER HELPS BALANCE THE BODY pH

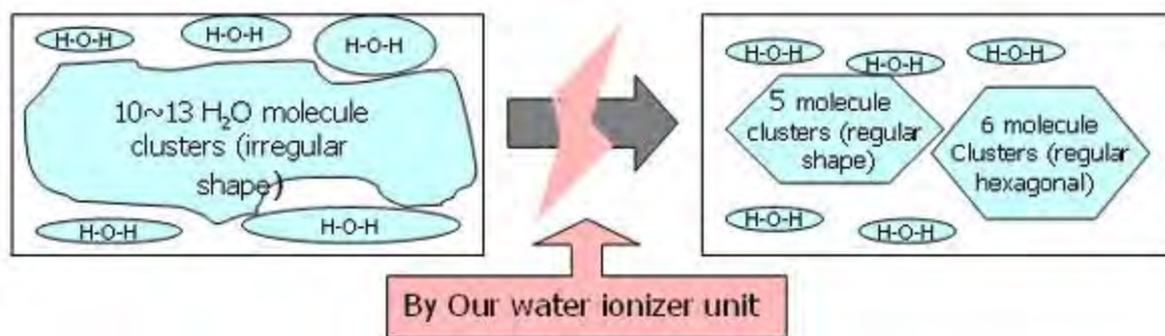
Alkaline ionized water helps balance the body's pH which tends to be acidic because of our current unhealthy diet comprised of deep-fried foods, pasteurized or otherwise processed foods.

Soft drinks are one of the most acidic substances a person can put in his/her body. The acidic nature of these drinks creates an ideal environment in our body for disease to thrive therein. For example, accumulated acid waste in the joints encourages inflammation and arthritis.

Alkaline ionized water dissolves accumulated acid waste and returns the body to a respectable balance. Maintaining our body's natural pH is the first line of defence in fighting any disease.

IONIZED WATER IS UP TO SIX TIMES MORE HYDRATING THAN CONVENTIONAL WATER

Ionized water is fundamentally different from conventional water. Compared to the propensity of conventional water to consist of large clusters of water molecules, ionized water exhibits a smaller molecular cluster size. Ionized water consists only of 5 ~ 6 water molecules per cluster whilst conventional water consists of 10 ~ 13 water molecules in a cluster. The smaller clusters also induces a change in cluster shape whereby our ionizers change the water cluster structure from a larger irregular shape to a smaller regular hexagonal shape, i.e. to half the size.



The smaller water clusters penetrate tissues and cells better. Better absorbance of water accelerates about three times the rate of dissolution and excretion of waste products (such as metabolic by-products and other forms of toxic waste accumulated from the external environment) in and from the body.

Comparison of water molecular cluster size - By NMR test

Alkaline ionized water	54 Hz	Mineral water	94 Hz
Municipal water	120 Hz	Well water	105 Hz
Longevity (long life) village water	80 Hz	Distilled water	118 Hz
Hot spring (spa) water	80 Hz	Natural water	122 Hz

Waste products from metabolism and from food consumed.

Wastes resulted from metabolism	Chemicals from external sources	Waste products from abnormal intestinal fermentation
CO ₂	Antiseptic substances	Skatole
Lactic Acid	Food pigments	Ammonia
Ammonia (Urea)	Food spice	Phenol
Others	Chemical seasonings	Histamine
	Engine-waste gases	Others
	Water pollution, so on	

These wastes cause diseases and faster aging. One of the primary causes of diseases is chronic “cellular” dehydration, a condition which leaves the body’s cells in a perpetual state of weakness and with low disease-defence capability.

IONIZED WATER DETOXIFIES OUR BODY AND ACTS AS A SUPERIOR HYDRATOR

This is due to the reduced size and shape of the water molecular clusters. These much smaller water clusters pass through body’s tissue much easier and push out toxins and acid wastes quite effectively. Our water ionizers have several levels of pH strength so users who are new can begin by drinking mildly ionized (lower pH level) water, slowly switching to stronger pH values accordingly as the users get used to the detoxification process. When one starts to drink ionized water, he/she might have headaches and diarrhoea, but these symptoms signify the beginning stages of detoxification and symptoms will usually improve as body conditions improve and waste is eliminated.

IONIZED WATER IMPROVES THE TASTE OF FOOD.

Ionized water hydrates food better, helps bring out its flavour, lowers the acid level of many foods and juices including coffee, tea and juice. It ionizes the minerals in the food making them bio-available.

IONIZED WATER RETARDS AUTO-GENERATION OF SUPEROXIDES IN THE BODY

Our body generates superoxides (a kind of activated oxygen) that accelerate the aging process, but alkaline ionized water is a powerful antioxidant, providing the body with high energy and retards the accumulation of superoxides in the body.

ALKALINE IONIZED WATER CONTAINS LOTS OF ACTIVE HYDROXYLS = IDEAL ANTI OXIDANT

