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Our Everlasting Desire !

Healthy life !

Beautiful life !

Satisfaction !

Water !!!

Our key source of life !



TouchScreen*

Vacuum
Fluorescent
Display



High-Tech touch screen panel
touch screen explanation

1. Filter state display

It displays the filter state and informs the exact filter replacement period.

2. Flow rate display function

It displays the volume of incoming water passing through the ionizer.

3. Flow path conversion display

When the automatic diverter is operated for preventing the foreign substance (scale) sinking, a round lamp is revolved.

4. Operating state display

Water-drop form lamp informs the product operation state

5. Sound display

It displays the voice guide and melody control.

6. On/off button

A green lamp and a red lamp are turned on at operation stoppage respectively. It can be easily operated at night.

Touch Screen VFD displays all functions and works only by touch!



[Usage of Alkaline water]

- For cooking:

When ionized water is used for cooking, the ingredient's unique taste and the end taste is better. Especially when the ionized water is used for cooking fish.



- For washing fruits and vegetables:

When the vegetables or fruits are in the alkaline water, they stay fresh for longer.



- For coffee and tea:

The ionized water eliminates the coffee's bitter taste and the black tea's astringent taste, and it enhances the unique taste and smell. It is good to use as whisky's water or to make ice.



- For Baking or making noodle

Before baking or making noodle, the wheat flour is soaked and mixed in the alkaline ionized water for 30-60 minutes. Then when wheat is baked in the alkaline ionized water, the bread is glossy, tasty and sweet-smelling. It can be kept for a longer time. -



- For baby's drinks and formula

It is good for the baby when the formula is mixed with the alkaline ionized water and purified water.



- Purified Water (NON acidic - NON Alkaline)

Instead of buying bottled water, purify your own water with AKUA.



[Usage of acidic water]

- Acidic water has a stringent face-washing function (body skin is weak-acidic) acidic water tones down and elasticates the skin. When hairs are washed with acidic water, the hairs become glossy.



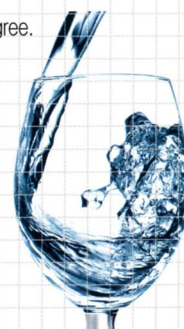
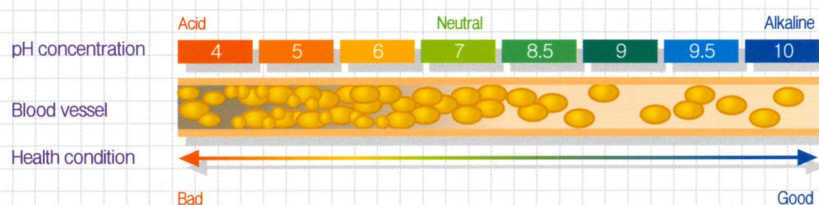
- For sterilizing the cooking kit

It is hygienic to clean or sterilize the cooking kit, such as knives, chopping board, dishes and dish towel with the acidic water.



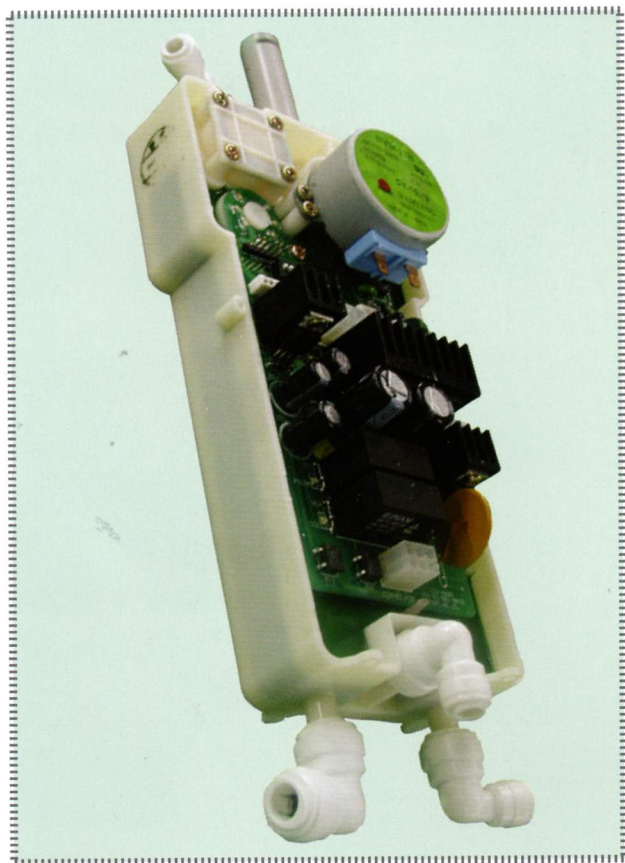
Ph

Ph (Potential of Hydrogen) shows the hydrogen ion concentration, that is the water's alkaline degree and acid degree. ph 7 is neutral, higher is alkaline and lower is acidic.



aKua is different.

aKua is designed in state-of-art technology and is user-friendly !!!



Advanced e-cell Technology

- 1) Adoption of Double Auto Change Cross-line system (DACC system)
- Automatic Electrode Divert System

The Automatic Electrode Divert system improves durability of the electrolytic cell and helps to generate the best optimal water by stopping scale deposition to the electrode every fourth operation.

- 2) 2 stage over-current controller equipped.

The poly-switch controller prevents over-current from the internal circuit

- 3) Usage Memory chip built-in.

All usage in formations are saved in the Memory automatically.

- 4) 7 different Feed water set-ups

The device will work with all different local feed waters

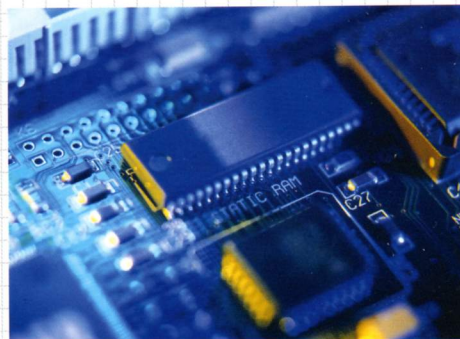
- 5) Sanitary water generation function and alkaline water automatic conversion system.

Stronger acidic water generation is designed additionally for surface sterilization and after use an Automatic water flow back with drinking water flushes acidic water from the system. This prevents mixing acidic water with drinking water by next usage.



Electrolytic module developed with world? best technology.

- *High Stability
- *Long Lifetime
- *Unique e-cell patent technology-automatic diverter
 - Automatic descaling
 - Perfect Electrolytic Cell and cleaning
 - Stronger acidic electrolyzed water generation.
- *Display of manager mode execution
- *Easy to manage the product exactly.



Nine Multi-Layer Filter!

The world-first ionizer with Nine Multi layer filter.



Nine multi-layer filter.

– The world-first ionizer with Nine Multi layer filter.

By containing the worlds-first multi-layer filter, the alkaline water ionizer generates the fresh water through the negative ion generation through special ceramic and anti-bacterial activation function as well as clean water. You can produce good water safety.

[Filter's features step by step.]

Part-1 water purification part.

Step 1 : High-density felt film :

It perfectly filters rust, foreign substances and floating matters with the filter used for the high purify filtering device.

Step 2 : Activated carbon filter :

Compared to the granule activated carbon, it has more pores so it keeps high absorbing power of over 500 times and has rapid absorbing velocity. It is used for optimum drinking water production through the chemical substances, (raw materials, chlorine, phenol, etc) filtering function and bacteria propagation control.

Step 3 : Activated carbon

It eliminates the feed water's chemical substances, agrichemicals, residual chlorine and odor. It improves the water taste.

Step 4 : Silver-nano activated carbon

It improves the filtering power and has the anti-bacterial power by coating the activated carbon's surface with silver-nano. High-density felt film : It perfectly filters rust, foreign substances and floating matters with the filter used for the

Part II - water activation parts

Step 5 : Germanium ceramic

It activates the water by discharging the ceramic's far infrared ray from the purified water.

Step 6 : Negative Ion yellow soil ceramic.

It keeps fresh and improves the feed water's alkalinity by containing the negative ion in the water.

Step 7 : Negative Ion yellow soil ceramic.

It keeps safe by preventing bacteria propagation in the drinking water.

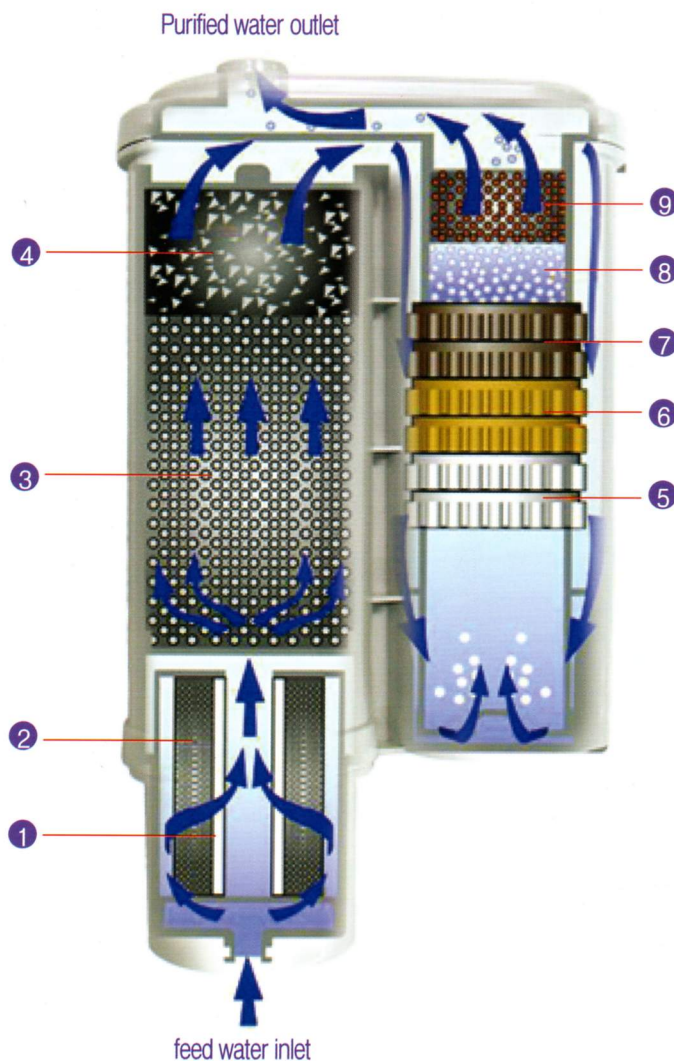
Step 8 : Calcium

It eliminates the residual chlorine and supplements the minerals (calcium)

Step 9 : Active water ceramic.

It smoothes the water taste with hexagon molecular structure through water magnetization.

aKua



From now on,
Alkaline Ionized Water from AKUA
will keep our family health longer



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Alkaline Ionized Water from AKUA makes our bodies healthier. Our bodies want alkaline Ionized healthy water !!!



What is healthy water and what is good for our body?



What is good water for our body ?

- Clean water – water must not be polluted by foreign substances, bacteria and chemical substances.
- Mineral Rich – water with Magnesium, iron, calcium and potassium is good for us.
- Fast absorbing – good water has a smaller cluster that will be absorbed to the body quickly and removes wastes easily.
- Water with reducing power – water revivifies the oxidized body and is good for the health.
- Water with Alkalinity – Anti-Oxidant water (anti-aging)
- Weak alkaline water – when our body fluids are weakly alkaline, it is the most healthy.
- Water with hydrogen – water helps the superoxide dismutase(sod) function by combining with the oxygen free radical elimination, the source of disease.
- Water with hexagonal molecular structure – because of high chemical attraction with a cell structure, it helps to keep the cell function.



Difference between alkaline water ionizer and water purifier:

Water purifier has only water purification function to generate clean water from polluted feed water through an internal filter, but the alkaline water ionizer commercialized a mechanism of advance science to generate water by dividing it into the alkaline water and acidic water through ionizing the purified water through an electrolytic vessel as well as the water purification function.

More important is the big difference in the water generation between the alkaline water ionizer and water purifier



Comparison of each water's features

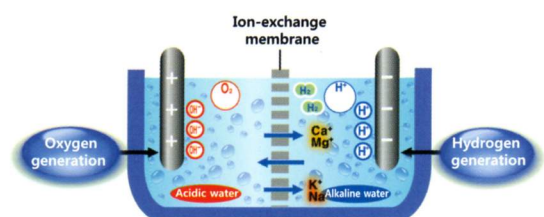
Item	Boiling Water	Purified water(ro)	Alkaline ionized water	Remarks
Water size	111.6Hz	150 Hz	54 Hz	By Magnetic resonance equipment
Mineral	Non	Non	Much	Ion state's mineral
Absorbing power	Not good	Not good	Fast Absorbing	
Classification		Industrial Use	Medical	KFDA
Medical Effect	Non	Non	Yes	
pH	Neutral	Acid	Alkaline	



Features of alkaline ionized water.



- It has good absorption because of small water cluster.
- It has abundant active mineral (ionized mineral)
- Bacteria are not propagated.
- It has a reducing power (electrolyzed reduced water).
- It has abundant active hydrogen.
- It has a hexagonal molecular structure.



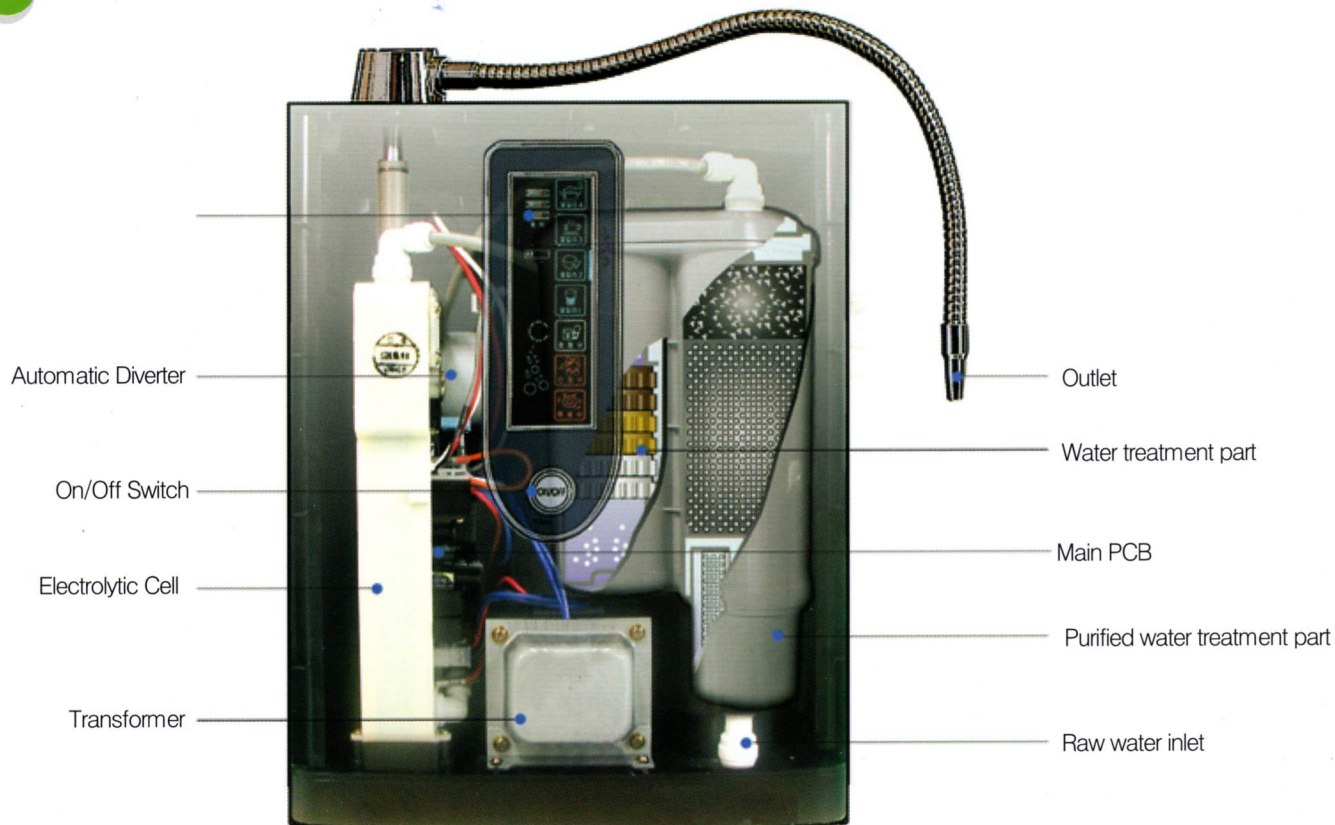


Electrolyzed-Reduced Water aKua Alkaline water ionizer's structure

Internal structure



Internal structure



Drinking good water
forms the basis of health!



Product's specifications

Specification	aKua EL-400
Water supply	Direct Tap Connection
Power and voltage	220V. 50/60Hz (USA 110V)
Power consumption	120W
Size	360mm(H)•284mm(W)•136mm(D)
Weight	6Kg
Method	Touch screen method
Available water pressure	0.6 ~7Kg/cm ²
Consecutive operating time	Automatic stop after 10 minutes use
Electrolysis method	Consecutive electrolysis
Generating quantity	Maximum
Electrolysis step	Alkaline water: 4 steps, Acid water: 2 steps
Cleaning method	Automatic cleaning
Filter lifespan	Approx. 6 months
Filter material	Nine multi-layer filter (ACF, carbon, ceramic 4 types, calcium)
Protective device	Bimetal, temperature sensor
Features	6 colors' VFD screen and Touch Screen application
	Voice guide function, melody function
	Raw material environment control function, wall-hanging function

The above product's specifications may be changed without any notice for the performance improvement.



Electrolyzed-Reduced Water

aKua WATER IONIZER

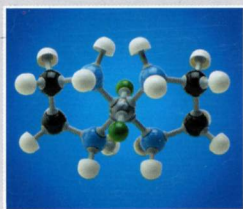


Water Treatment & Water Use Technology
Specialized Company,
Food Safety & Medical Industry,
KTCC

2nd Green Revolution with aKua **Agricultural**

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No matter where you are !
No matter what your business is linked with !



Water is a Key source.

KTCC has the Key.
KTCC wants to share the Key with You.

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