



Hydrogen Water Purifier

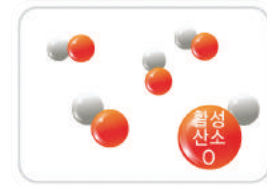


● What is hydrogen water?

Oxygen is a very important element indispensable for the basic activities of human beings. However, when we breathe, the oxygen that enters the body is used for various metabolic processes and remains to attack the body tissue. This oxygen transforms into active oxygen with powerful oxidation that damages cells. This active oxygen promotes aging and causes diseases that harm the body. Hydrogen water effectively dissolves much of this active oxygen in water. When active hydrogen in the hydrogen water meets with the active oxygen in the body, it naturally emits the oxygen from the body and effectively removes active oxygen that causes aging and diseases. The hydrogen (H₂) absorbed in the body through hydrogen water meets with active oxygen (O), the source of all diseases, to become pure water (H₂O) that is emitted from the body.



Acidification of modern people because of free oxygen radicals



Discharging as the form of safe water.



Active oxygen damages and destroys cells



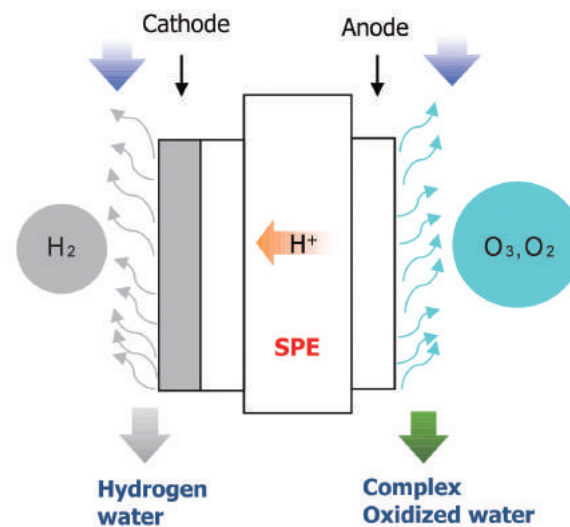
Blocks active oxygen with hydrogen

● Features of electrolysis apparatus

Our electrolysis apparatus is designed to emit oxygen into the air using a membrane and only to use pure hydrogen.

It is a patented invention which is devised to get rid of side effects arising from ozone or free radical oxygen during electrolysis. Our electrolysis hydrogen water generator is to make high-enriched hydrogen water more than 1000ppb, to maintain the volume of hydrogen at room temperature for a long time and to absorb hydrogen water into our body easily by making particles of water molecules smaller.

Especially, it also has a device to inhale hydrogen water gas itself and that can enhance the effect of hydrogen water when you inhale hydrogen gas.



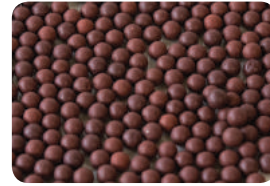
Raw material of alkaline and hydrogen water

● Hydrogen and Alkali Ball - MAHA-Q



It is divided broadly into two kinds of hydrogen and alkali balls : The hydrogen and alkali ball molded by a mixed composition of the mineral (rare earth elements, alumite, etc.) powder in which the ingredients of calcium (Ca), potassium (K), magnesium (Mg) and sodium (Na) that are alkali elements are evenly distributed and the magnetite powder, and with the main material of magnetite ore powder. In the user of hydrogen and alkali balls, it is a material essential for the stables generation of alkaline reduced water generating alkaline drinking water or alkaline reduced water (ORP effect by hydrogen generation)

● Tourmaline



Tourmaline, or gem of October, implies hope, happiness and comfort. It is the only mineral on this planet that possesses some permanent electric attribute. So, it is called a polar crystallization. This ore is an epoch-making new material, which emits considerable quantity of anions or air vitamin, while generating a weak current of 0.06 amperes most suitable for human body as well as the farinfrared rays of 8-14 microns useful to human body.

● Reduction catalyst (OPR) Ball



The Reduction catalyst ball is manufactured as an exquisite ball of 5 by combining the metal Mg.natural mineral powder and the multiparous material zeolite (160meq or more). One of the features of the reduction catalyst ball is to induce the alkali catalyst function to be strengthened by preventing the elution of magnesium hydroxide which is the phenomenon of white residue formation creaked through a reaction with water (H₂O) and continuously even without washing during the period of use.

● Jade



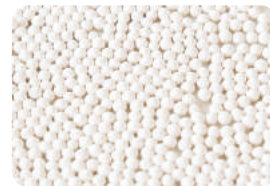
This Korean native jade contains manganese oxide (49%), silicon oxide (30%), titanium, germanium and 17 kind of rare earth materials. This ore was discovered by World Jade. In its natural state, this natural alkaline stone is maintained at pH 9-10 immediately. Like the Springwater of Lourdes in France, it has an efficacy on atopy, diabetes, skin beauty, etc. All in all, Sunyak Stone is a mysterious stone which controls energy and blood circulation of human body to purify and activate mind and body.

● Germanium Balls



Germanium is called such because the germanium ore mostly as a mineral of the biotite or Yubongseok(mica) series contains the germanium ingredient, and inorganic germanium applied and used for fine ceramics and far infra- red ceramics fields is a rare element not produced as an organic compound in natural mineral state. Germanium as a strong element that provides oxygen is used for functional balls helpful to prevention of skin diseases because of tis functions to give vitality to the skin and restrain various kinds of viruses with the surface activation effect for removing wastes of the skin.

● Phlogopite



Mica (Phlogopite)

Mica emits anions much, and more than 93% of its farinfrared ray potential at room temperature. Mica consists of such human body minerals as calcium, magnesium, chlorophyll and so on. Since our human body contains much magnesium, the energy wave emitting from mica will penetrate our body cells evenly to activate organs, promote blood circulation and exhaust metabolism wastes and thereby, help our body to be always healthy. Furthermore, mica helps to maintain our brain at an optimal level of temperature to keep us clean-headed, while relieving us of eye fatigue.

Electric Type

Potable Hydrogen Water Generator (BEH-300G)



● BEH-300G Potable Hydrogen Water Generator

Our hydrogen water kit, that removes harmful active oxygen in the body, is very convenient to carry.

So, you can produce 1000ppb of hydrogen water within 5 minutes by using any water in the world.

Once charged by using adapter, you may use it 10 times.

Appropriate volume of water bottle is 500-700cc and drinking hydrogen water within 2 hours is very effective.

Specification

Model	Health2O Hydrogen water(BEH-300G)
Components	Main body, adapter
Wireless charger specifications	Input : DC 5V-1500mA Output : DC 5V-1A
Maximum power consumption	Less than 5W
Product size and weight	7cm(Diameter)×11.3cm(Height) / 236g
Built-in battery	3.7V 1150mA 1 cell
Materials	3 layered cover : Tritan (PCT)* Hydrogen generator : Titanium Exterior of main body : ABS
Manufacturer	BIOHEALTH WORLD Co., Ltd.

※ Tritan (PCT : polycyclohexane dimethylene terephthalate) is an eco-friendly material without Bisphenol A (BPA), a chemical known as an endocrine disruptor.



● Instructions for use of a portable hydrogen purifier

1, How to use a hydrogen generator

- 1) First, separate a hydrogen generator from the case and charge it by connecting it to a power source.
- 2) When it is fully charged, the light on a hydrogen generator shall flickers on and off.
- 3) After charging it fully, it is possible to use the generator more than 10 times for each ten minutes without connecting it to a power source.
- 4) After charging it, it is possible to use the generator connecting it to a power source.

2, How to use a hydrogen inhaler

- 1) Fill the two thirds of a container(bottle) which is connected to a hydrogen generator.
- 2) Connect a cannula to a connected hydrogen cap in order to inhale hydrogen.
- 3) After inserting a cannula into the nose, push a power switch for three seconds and then you can inhale hydrogen for ten minutes while a blue light flickers
- 4) In order to inhale hydrogen continuously, push a power switch for three seconds and you can use it for 10minutes more.
- 5) Generally, inhale hydrogen for 10minutes at a time. In case of acute stress, overwork, strenuous exercise, drug overdose, excessive breathing in exhaust or polluted air, inhale for 20 minutes at a time.
- 6) After the last use of it for a day, empty water in a hydrogen generator and keep it clean.

3. Instructions for drinking hydrogen water

- 1) Fill 95% of a 500ml or 1000ml bottle with mineral water, alkaline water from a purifier, tap water and natural water.
- 2) First, put a water bottle on the floor. Lift a hydrogen generator and put it down on the cap of a water bottle turning as if screwing a cap, then put the hydrogen generator on the floor.
- 3) After using for 10minutes/500ml, or for 20 minutes/1000ml, there shall be 600~700 ppb hydrogen dissolved in water. In order to increase dissolved hydrogen, turn on the generator for 10 minutes more.
- 4) Health₂O, a special hydrogen generator, has dissolved hydrogen in water. Dissolved hydrogen can be preserved more than a day by holding a cap tight, or more than one hour after pouring it into a cup.
- 5) If you have many family members, you can make more than 2~5 bottles of hydrogen water at a time and use them without inconvenience whenever you need it.
- 6) You can't use brush or other instruments in the container where water is filled to generate hydrogen. You need to fill it with pure water and close the protective cap, then empty water shaking it lightly.



Electric Type

Premium Hydrogen Water Maker (BHW-778)



● BHW-778 Premium Hydrogen Water Maker (BHW-778)

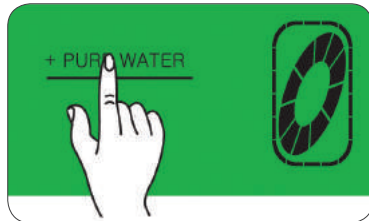
The Premium Hydrogen Water Maker is a cutting edge patented Invention using This product can obtain super purity hydrogen water by mounting a miniaturized reverse osmosis generating device on a hydrogen generating device, and particularly, is mounted with a hydrogen solubilization device to allow hydrogen to dissolve for a long time.

Specification

Model Name	BHW-778	Power	DC 12V/5A
	Premium Hydrogen Water Maker		[SMPS POWER SUPPLY]
Rated Voltage	110V~240V/50~60HZ FREE VOLTAGE		
Working Temperature	4~ 35°C	Cleaning	AUTO CLEANING
	Filter Structure : 2 filters system Filter Longevity : 3,700L Signal for Replacement LCD indication &voiced instructions Filter Materials : 1ST : Carbon Block Filter, 2ND: Carbon Block Filter, 800ppb to 1400 ppb or higher at the pre-set flow rate of 1.4 liters per minute. (DH) 8,00~1,400 ppb, pH 7.5~8.5		
Purifier			
Size	340mm(W) x 147mm(D) X 340mm(H)		
Weight	5.0kg		

Electric Type

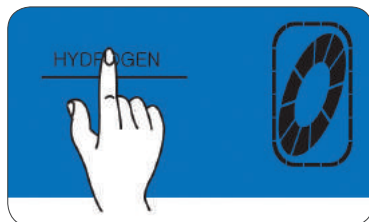
Premium Hydrogen Water Maker (BHW-778)



PURE WATER

Touch the ON/OFF button Touch the PURE WATER button
“GENERATING PURE WATER” After this message, PURE WATER
will come out.

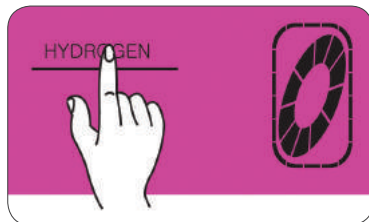
[LCD Color Green]



HYDROGEN

Touch the ON/OFF button Touch the HYDROGEN button
“GENERATING HYDROGEN WATER” After this message,
HYDROGEN WATER will come out.

[LCD Color Blue]

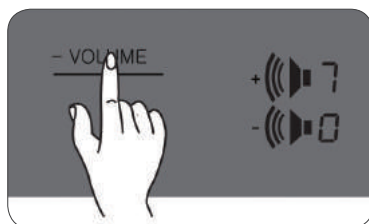


HYDROGEN TURBO

Touch the ON/OFF button Touch HYDROGEN button while
HYDROGEN WATER come out.

If you press the button for more then 3 seconds,
TURBO HYDROGEN WATER will come out.

[LCD Color Blue]

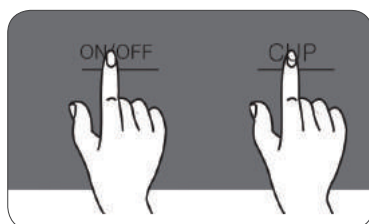


VOLUME

During ON or OFF Mode,

If you press to the VOLUME button, you can see 3-4-5-6-7-0-1-2 in turn.

And after 5 second, it will set up.



ON/OFF

Start and Stop operation

CUP

One cup dispensing mode.

Touch the CUP button, then approximately 250ml after, stop automatically.

Mineral Type

Mineral Hydrogen Water purifier (BHW-770 RO)

Specification



Power	DC24V (adapter)	
Power consumption	24W	
Service Condition	water pressure	0.7~4.0kgf/cm ²
	water temperature	4~38℃
Weight	10Kg	
Size	33x25x44cm	
Filter Structure	<ul style="list-style-type: none"> ① Free Filter ② Sediment Filter ③ Pre-Carbon Filter ④ RO Membrane Filter ⑤ Hydrogen & Alkaline Filter ⑥ POST-Carbon Filter 	
Hydrogen Dissolution	over 1,000ppb	
Ion Concentration(pH)	8 ~ 9 (pH)	
ORP	-300 ~ -400	



Free Filter



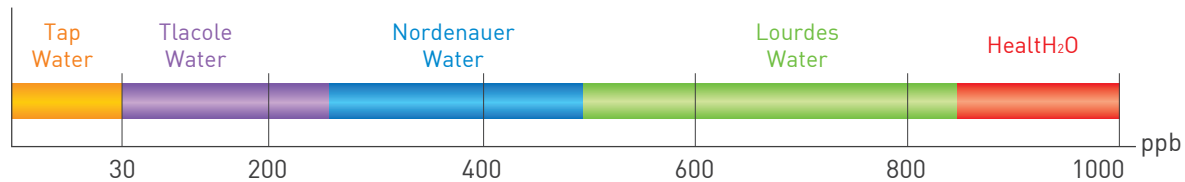
Front



Back



Pauset



Hydrogen R/O purifier, a special purifier, is designed to remove limestone and minerals in water by using reverse osmosis and to generate plentiful hydrogen water. Applying a special nano R/O filter, the volume of discharging water is much less than that of existing R/O purifiers and the life of a filter is extended. The purifier has features that it can remove limestone effectively even in regions with abundant limestone and maintain effects of a hydrogen filter for a long time.

Mineral Type

Mineral Hydrogen Water purifier (BHW-770 GOLD)



Specification

Service Condition	water pressure	0.7~4.0kgf/cm ²
	water temperature	4~38℃
Weight	5.15Kg	
Size	34×14×44cm	
Filter Structure	① Sediment Filter ② Pre-Carbon Filter ③ Nano Membrane Filter ④ Hydrogen & Alkaline Filter ⑤ Mineral Filter	
Hydrogen Dissolution	over 1,000ppb	
Ion Concentration(pH)	8.5 ~ 9.5 (pH)	
ORP	-300 ~ -400	

● Mineral Hydrogen Water purifier (BHW-770 GOLD)

The Mineral Hydrogen Water purifier, a water purifier generating hydrogen using a general water purifier and a special mineral stone filter, is a noise-free, low power consumption and environment-friendly product. Particularly, the Mineral Hydrogen Water Maker is excellent in feeling of refreshment by being abundant with mineral and added with functions of hexagonal water.

● Features of Mineral Hydrogen Reduction water

- Alkali (pH) level increased with production of minerals.
- Feeling of freshness enhanced with increased hexagon water content.
- Water oxidation suppressed restoring to reduction force.
- In-body absorption increased with highly dense water molecule structure.
- Anti-oxidant eliminating the oxygen free radical (O₃, O) generated.



Mineral Hydrogen Water purifier (BHW-770)

● Features of BHW-770

- Continuous and ample hydrogen dissolution generates healthy hydrogen water (hydrogen dissolution amount is maintaining the level of 1,000 ppb).
- The 17-cm ultra slim design enables its effective use anywhere.
- Hydrogen dissolution lasts for over five days to conveniently supply ample hydrogen to the all parts of the body.
- As a direct water supplying type without a separate water tank, it fundamentally blocks the generation of pollution from germ propagation so that you may always drink healthy hydrogen.
- Having adopted a direct filtering method for the generation of hydrogen water, it makes little noise and consumes no electricity. In addition, it promotes a reasonable and pleasant indoor environment.

Electric Type

Hydrogen water dispenser (BHW-999)



● BHW-999 Hydrogen water dispenser

Our hydrogen water dispenser produces high concentration water of 1000 ppb or more can use with various-sized tanks such as 2, 4 and 10 liters.

The slim dispenser can be installed anywhere even in a small space.

It's very easy to clean our product because it has an easily-openable water inlet at the top and includes a drain device.

In addition, It is the style of electric power adapter and one touch, so it is a very comfortable



Specification

Rared voltage	In : 100-240V,50/60Hz,2.0A Out : 24V,2.5A	
Volume	2L	
Size	196(W) x 355(D) x 375(H)	
Weight	4.0Kg	
Water pressure / Water temperature	1.0~5.0kgf/cm ² , 5°C~30°C	
Operation system	one-touch system	
Discharge water	1,000ml/min (±200ml)	
Hydrogen dissolution	1,000 ppb	
Hydrogen Generator Module	Electrode	Ti-Ir/Ti-Pt plating (Ti-Ir/Ti-Pt)
	Baffle	60,000 hours in case of 0.1A
Water supply system	storage system	

CONTAINER

ALCAGE-6 CONTAINER



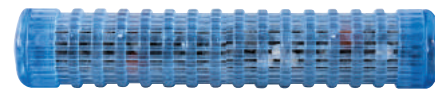
BHA-310(B)



BHA-310(A)



Titanium Filter



Alkaline Filter



Bottle Filters

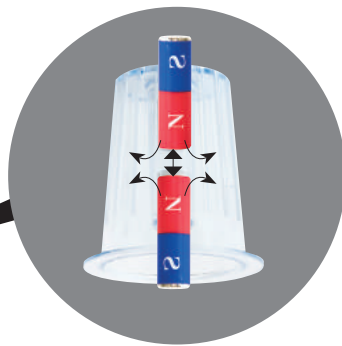
● Alkali Water Features

- Leave it the alkali water for about 20 minutes before cooking to make a shiny and delicious rice that is hardly spoiled in the summer.
- Promotes fast brewing of mind taste of green tea, removed bitter taste from coffee and maintains unique taste of tea.
- Drink slowly one or two cups before going to bed or on the following morning of heavy drinking in empty stomach for fast recovery. The slower it is drunken, the better results it will bring.
- By cooking in alkali ionized water which has tiny clusters, unique taste of food is kept while acrid or pungent tastes are removed. Better efficacy is expected in brewing herbal medicine, as it fully soaks out.
- Feed the baby with the dry milk stirred in alkali ionized water for better physical and skeletal development.
- Good for re-hydration after sporting activities, because its clusters are tiny.
- Enhances level of immunity against infectious diseases. Makes fur sheen and promotes physical growth.
- Enjoy long life and health together with the useful alkali reduced water.
- Drinking water with sufficient oxygen helps increase concentration and recovery from fatigue.
- Effective in preventing atopic dermatitis and adult diseases such as diabetes, hypertension, etc. Through its function of removing active oxygen.
- Effective in reducing body weight and fat, and improving constipation through its function of discharging toxic substances in the body.
- Alcage-6 system turns all kinds of water including purified water, natural water tap water and mineral water into alkali reduced water.



BOTTLE

ALCAGE-6 (BHA-330M)



Specification

Material of the body	Tritan ABS copolymer, Silicone
Filter	Tritan, Ceramic ball
Magnet	5,000gauss, Neodymium
Volume	600ml

● BHA-330M Alcage-6 water

Alcage-6 water is a water bottle which has functions such as Hydrogen water, alkaline water and magnetized water. It is changed into magnetized water due to strong repulsive force for which two 5000 gauss magnets repel each other. Such phenomenon changes normal water into hexagonal water and makes clusters of water smaller to be absorbed quickly and taste of water mild. Also, it is alkaline reduced water of more than ORP -150mV thanks to rich dissolved hydrogen. Then it can remove free oxygen radicals which damages cells, and activate cells in your body.

● Filter Cleaning

- 1) First, clean a filter with vinegar or citrate once every 15 days. You can use the bottle after cleaning it with pure water again.
- 2) When you use citrate : First, pour water until a filter is submerged under water and put 2-3 spoonful of citrate (water vs citrate). After shaking it 10 times and keep it for five minutes. Then throw away water and rinse it with pure water.
- 3) When you use vinegar: pour mixing water of water and vinegar until a filter is submerged under water. After keeping it for five minutes and shake it 10 times. Then throw away water and rinse it with pure water.

BOTTLE

Portable bottle for hydrogen water (BHA-330H)

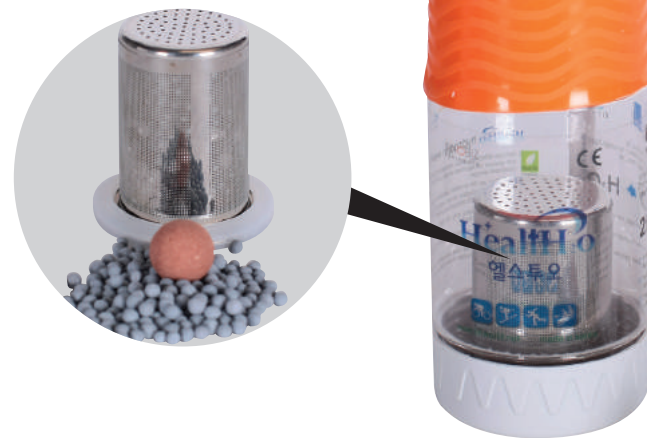
Specification

Material of the body	Tritan ABS copolymer, Silicone
Filter	Tritan, Ceramic ball
Volume	600ml

● BHA-330H Portable bottle for hydrogen water

We have produced a portable water bottle, utilizing specific mineral and ceramic to generate hydrogen, that removes harmful active oxygen in the body. If you fill a bottle with water and drink it after 30 minutes, you will drink more than 600ppb of hydrogen water.

As BPA-free water bottle, This product is made with tritan, stainless steel mesh, approved by FDA in USA, so you may use hot water.



● How to use

- 1) At the first use, fill it more than half full of water and shake it about 10 times and empty it (do 2-3 times) and fill it full of real water to drink.
- 2) Fill it at least more than half of water and once it is filled about two-thirds of water please drink in between 30 minutes and an hour.
- 3) At the first use if it is left for a long time a lot of hydrogen ions will be generated, thereafter you may drink in about 5 ~ 10 minutes.
- 4) It is good to drink 1~2 glasses of hydrogen-ion rich water if possible on an empty stomach before meals, at dawn or before going to bed.
- 5) The period of time to replace the cartridge is about three months on average. When the bottom of the product is touched lightly if any air bubble does not occur it is the time to replace.

BOTTLE

Alkalark hydrogen water bottle (BHA-350)



- **BHA-350 Alkalark hydrogen water bottle**

The life of minerals can be maintained for a long time because air block layers restrict contact with oxygen. When you shake a bottle and make a tornado in it, you can enjoy all of hydrogen water, alkaline water and hexagonal water at a time. The bottle is made of eco-friendly material, Tritan which is BPA free.

Specification

Material of the body	Tritan ABS copolymer, Silicone
Filter	Tritan, Ceramic ball
Volume	500ml

BOTTLE

Alkalado (BHA330D)



- **BHA330D Alkalado**

This product is a mobile water bottle, which can generate alkaline water. This is the world's first bottle that uses extrusion blow molding technology to double inject the product. The inner wall is made of material that is harmless to the human body and the outer wall has a colorful design. Furthermore, the color of the bottle changes with the temperature of the water, so that people can know the volume of water. The outer layer is made of special material so the grip feeling is good. The bottle can change to alkaline not only water but any liquid. It can lower the oxidation-reduction potential (ORP) and make the water molecules smaller so it helps people absorb easier. In the inner layer of the bottle, there are minerals that carry a reductive potential, to transfer water to alkaline in a short time.

Specification

Material of the body	Tritan ABS copolymer, Silicone
Filter	Without Filter
Volume	550ml or 300ml

Natural Alkaline Water Purifier BHA-3000 / 3003



BHA-3000(10L)



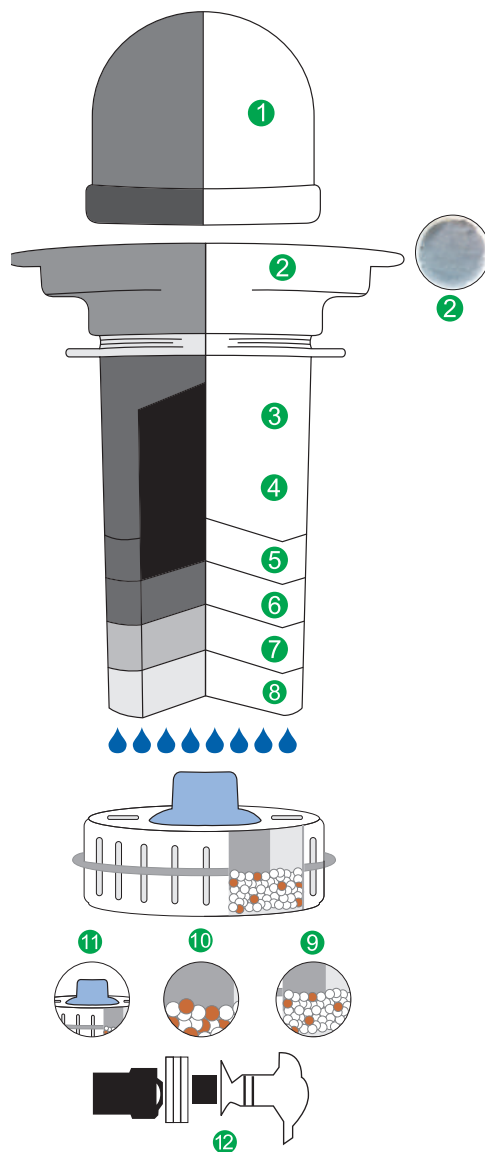
BHA-3001(12L)



BHA-3002(5L)



BHA-3003(10L)



Step1 : Ceramic filter
(Removes all the harmful and unnecessary substances such as iron rust, sediments, floats, germs and etc).

Step2 : Lime Filter
(It can remove the lime in the water Limestone descaling)

Step3 : Activated Carbon
(Removes chlorine, THMS, organic chemicals, unpleasant odors, bad smells and colors).

Step4 : Silver Activated Carbon (Removes chlorine, THMS, organic chemicals, unpleasant odors, bad smells and kills any bacteria).

Step5 : Zeolite
Removes heavy metals and makes water soft

Step6 : Bio Ball (Anti-bacteria ball)
Material with Sterilizing Power (Kills any bacteria and prevents the water in the storage tank from re-polluting)

Step7 : Tourmaline Ball
This ore is an epoch-making new material, which emits considerable quantity of anions or air vitamin, while generating a weak current of 0.06 amperes most suitable for human body as well as the farinfrared rays of 8-14 microns useful to human body.

Step8 : Silica Sand
Removes acidic components and makes water soft

Step9 : Alkaline Ball
(Releases mineral & oxygen, adjusts PH of water to mild alkaline which helps restore the PH balance of body fluid and makes the mineral spring water tasty).

Step10 : Mineral Ball
(Assists the function of Anti-bacteria and maintains the fresh water).

Step11 : Far Infrared-Ray
(It makes smaller water molecule and vital energy for the water activities, also making it easier to be absorbed by our tissue).

Step12 : Magnetic System



Certificate



Company history

- Nov. 1991 Established Bio Health World.
- Apr. 1997 Obtained the quality guarantee "Q-mark" (FITI Testing & Research Institute).
- Nov. 2000 "Quality guarantee" by KFIR (Korea Far Infra-red Association).
- Mar. 2001 Started exporting the brand "Durumi" as our own brand.
- Feb. 2002 Designated as a tourism product for Gyeonggi-do and Namyangju City.
- Apr. 2002 Obtained quality certification ISO9001.
- May. 2002 Obtained a permission for manufacture of the negative electric potential thermal mat as a medical instrument (Korea Food & Drug Administration).
- May. 2003 Obtained a patent (No. 0384536) on foamy ink for health assistance.
- May. 2004 Nominated as an export promising small and medium business (Small and Medium Business Administration).
- Nov. 2004 Obtained the FDA approval for the negative electric potential mat.
- Jan. 2006 Obtained the FDA approval for the thermal treatment device.
- Jul. 2006 Obtained a CE approval for the chair-type massager.
- Dec. 2006 Registered as a venture business.
- Jan. 2007 Established the atopy prevention research center.
- Apr. 2007 Obtained the ISO14001 certification.
- Sep. 2007 Selected as a promising small and medium business in Gyeonggi-do.
- May. 2008 Newly built a factory at 508, Naechonmyun, Pocheon City, Gyeonggi-do and moved there.
- Jul. 2008 Certified as a suitable company for manufacture of medical equipment and quality control standard (Good Manufacturing Practice).
- Jul. 2008 Published a thesis on cancer resistance of the germanium-reinforced pine mushroom hypha and received a doctorate in Oriental medicine.
- Dec. 2011 Received a Minister Prize from the Ministry of Knowledge Economy on the Trade Day.
- Jan. 2012 Obtained the invention patent of a herb medicine composition and processing method for an atopy prevention fiber treatment agent.
- Dec. 2012 Received the one-million-dollar tower on the Trade Day.
- May. 2013 Selected as an electronic trade frontier enterprise of Gyeonggi-do.
- Dec. 2013 Received a citation from the Gyeonggi-do Export Enterprise Association.
- Feb. 2014 Launched a hydrogen water purifier "Healtho"
- Mar. 2015 Recived Certificate of Award from International Drinking Water Industry Development Committee
- Mar. 2016 Hydrogen purifier received a CE certificate
- Sep. 2017 Hydrogen water bottle received a RoHs certificate
- Oct. 2017 Portable hydrogen water kit received a CE certificate
- Oct. 2017 Obtained a patent (10-1785894) Hydrogen generator with hydrogen inhaler



BIOHEALTH WORLD

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