

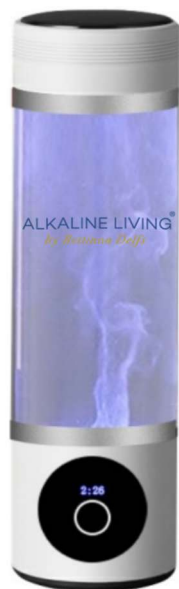
ALKALINE LIVING®
by Bettinna Delfs

SUPER SATURATED HYDROGEN RICH WATER BOTTLE



User's Manual

1.Product parts and accessories



Charging cable



User's manual

2.Technical specifications

Product Name:	Rich Hydrogen Water Bottle
Model:	AFH2-V1
Capacity:	280ml
Net Weight:	350g
Size:	Ø60x226mm
Electrode material:	Platinum alloy
Diaphragm:	Coated proton membrane
Main Material:	Aviation aluminum alloy, BPA-free Tritan copolymer
Operating Power:	1.5w
H2 Generating Cycle:	5minutes/10minutes
Battery Type:	Lithium-ion polymer battery
Battery Capacity:	2200mAh
Charging Voltage:	5V 1-2A

Safety Precautions

1. Pay attention to the max water level line and do not overfill the bottle.
2. Do not put any other liquids such as alcohol, juice, milk, chemical solution etc. in this bottle. Doing so will cause a severe damage to the hydrogen electrolysis module and greatly reduce hydrogen generation efficiency.
3. The maximum allowed water temperature is 140F (60C).
4. To extend a lifespan of the battery it is recommended to charge the device with universal 5V 1-2A power adaptor, as 4A and higher power adaptors notably reduce the life of the battery. Use supplied charging cable to ensure compatibility and proper connectivity.
5. Repetitive use of the super saturation mode could add an excessive pressure, and make it hard to open a bottle cap. If the cap is not twisting easily, let it rest for a few minutes before trying it again.
6. Water bottle base unit is water-resistant. It will not be damaged or oxidize by getting wet. However it is not completely waterproof. To maintain intact state of the unit and avoid fatal damage, do not submerge it in the water or expose is to a large amount of water any other way.
7. In case of the device malfunction do not attempt to disassemble or repair it by yourself. The hydrogen water bottle has a complex structure and should be fixed by a specialist only.

Cleaning Instructions

- Bottle cleaning

Drinking water usually contains different minerals, which may build up white crystalline particles over time. Please follow the next steps to properly clean the bottle.

1. Mix 4 teaspoons of citric acid(15g) with 280ml of lukewarm water(98F-105F).
2. Pour the solution into the bottle and let it rest for 10-15 minutes.
3. Pour out the solution and thoroughly rinse the bottle.

- Base unit cleaning

The charging port is equipped with rubber plug to protect it from getting wet. However, it is recommended to wipe the base unit with a damp cloth and restrain from washing and rinsing it. In any occasion, if the charging port gets wet, it should be dried completely before use.

- Air vent cleaning

The air vent is located at the bottom on the base unit. Over time it may get clogged by lint or debris, resulting in a poor ventilation. Use a toothpick or a straightened paper clip to carefully remove any visible dirt and eliminate air vent obstruction. Do not use compressed air as it may push dirt particles farther in.

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HIGH PURITY
HYDROGEN
WATER

3. Aquafuel H2 advantages

- The latest high pressure electrolysis technology

The latest innovative technology allows it to conduct the electrolysis process with 1Mpa in contrast with 0.6-0.8Mpa conventional process. The high pressure SPE electrolysis technology is able to generate supersaturated hydrogen rich water up to 10000Ppb.

fety, efficiency and reliability

e body of the bottle is made with medical grade Tritan, one of the safest plastics in the world. It does not contain harmful chemicals such as bisphenol A (BPA), bisphenol S or any other bisphenol compounds as well as estrogenic and androgenic activity. Furthermore some essential benefits of Tritan are its shatter resistance, glass-like feeling, odor and stain resistance.

- Perfect separation of hydrogen from oxygen achieved by diaphragm chamber technology

The diaphragm chamber technology effectively separates hydrogen gas from oxygen during electrolysis, utilizing a DuPont N117 proton exchange membrane that allows hydrogen ions to pass through while blocking oxygen and other unwanted byproducts, thereby producing relatively pure hydrogen-rich water. This mechanism enhances the concentration of hydrogen gas on one side of the diaphragm, ensuring the produced water is cleaner and more beneficial for consumption.

4. Brief introduction of H₂

Hydrogen is one of the most important elements for the human body. It is a vital component of water, which helps keep the body's cells hydrated and aids in the elimination of toxins. It also plays a key role in transporting nutrients to the cells, lubricating the joints, and strengthening the immune system.

Hydrogen Rich Water is water supersaturated with extra hydrogen in its molecular form.

Hydrogen Rich Water molecule has an extremely strong permeability which allows a quick absorption in a human body. Drinking hydrogen water has numerous health benefits. A few of major benefits are:

1. Slowing down the aging process. Molecular hydrogen is more selective than any other antioxidants, neutralizing only harmful reactive oxygen species like free radicals while leaving beneficial ones untouched.
2. Energy enhancement and slow fatigue. Drinking hydrogen rich water prior to physical exercise improves endurance and lowers levels of fatigue. Additionally hydrogen water improves mental clarity, enhances attention and alertness in sleep-deprived individuals who typically depend on caffeine-based drinks.
3. Stabilizing metabolism. Hydrogen molecule can enhance insulin sensitivity, decrease blood cholesterol and blood sugar levels.
4. Strengthening immunity. Hydrogen water molecule can be easily absorbed by human mucosa and effectively enhance the immune system.
5. Reducing inflammatory response. Drinking 1.5L of hydrogen rich water a day can reduce inflammatory response and reduce the pain caused by inflammatory bowel disease.

Side effects: Numerous studies have shown that hydrogen rich water has no negative side effects. It is safe to be consumed by individuals of all ages.

5. Care and Usage Instructions

Before use cleaning

The bottle must undergo a cleaning cycle before first use, following next steps:

1. Connect the bottle to the 5V 1-2A adapter using provided cable and allow it to fully charge.
2. Fill about 1/3 of the bottle with clean water.
3. Press the button once to initiate a 5min cycle.
4. Once the cycle is complete, empty the bottle and rinse it.

How to use

1. Fill the bottle with a drinking water and put the bottle cap back on. Do not overfill the bottle. Always ensure that the neck finish (the threaded part) is empty for the device to operate correctly.



2. Any type of drinking water can be used to generate hydrogen rich water. However it is recommended to use mineral water, RO water or spring water to achieve better results.
3. Touch the power button to initiate 5minute generation mode. This mode generates 5000Ppb hydrogen water.
4. Touch the power button one more time to initiate 10 minute generation mode. This mode generates 10000Ppb supersaturated hydrogen water.
5. To power off the device simply touch and hold the power button for 3 seconds.

Note: You can touch the button again to switch between 5min/10min modes.

Note: Hydrogen rich water has a high dissipation rate, so it is recommended to consume it immediately after the preparation and do not leave it out for longer than 30 minutes.