HYLKA
water



HYDROGEN ENRICHED WATER GENERATOR DEVICE

USER MANUAL

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1.- HYLKA BOX CONTENTS

CAJA HYLKA WATER LUXURY

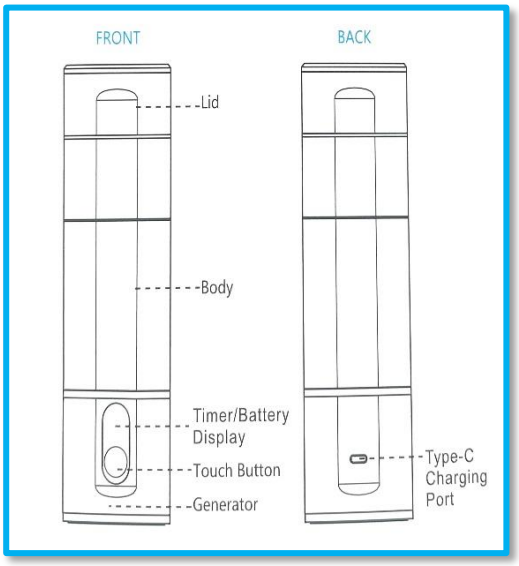
HYDROGEN WATER GENERATING DEVICE.

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USB-MICRO TYPE-C CHARGER CABLE

2.- DISPOSITIVE STRUCTURE





Device Schema





Anti-pressure valve cover LED display programming



<u>H2 hydrolyzer generator</u> base.

3.- TECHNICAL SPECIFICATIONS

CONTAINER MATERIALS	Makrolon food grade BPA-free Military grade Aluminum on lid and base
GENERATOR MATERIALS ELECTROLYTIC	Titanium coated electrodes Platinum Multilayer (8) Membrana Dupont N117 USA
BATTERY	Rechargeable Lithium-Ion 2200mAh
CHARGING TIME	3 HOURS
LOADER	5V/ CC: 1A USB TIPO C
POWER	DC 4.4 V / 2A
WATER TEMPERATURE	2ºC - 40ºC
ORP (OXIDATION POTENTIAL/ REDUCTION)	250MV-500 MV
PH	7,2
PROGRAMS/CONCENTRATION HYDROGEN	To. 5 MINUTES-3500PPB APPROX B. 10MINUTES-5000PPB APPROX
DEVICE MEASUREMENTS	200X55X60 CM
PACK DIMENSIONS	15X15X28 CM.
ELECTRONIC BOARD	Programming controller and display
DISPLAY	LED DISPLAY
DEVICE WEIGHT	330 GRAMS
CAPACITY	210 ML.

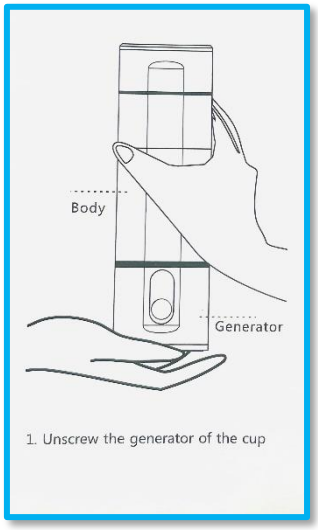
4.- START-UP FOR FIRST USE

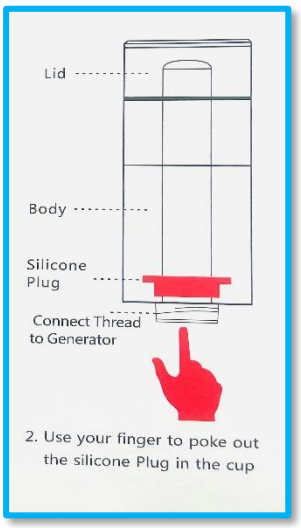
Before first use, **fully charge the battery of the equipment** .

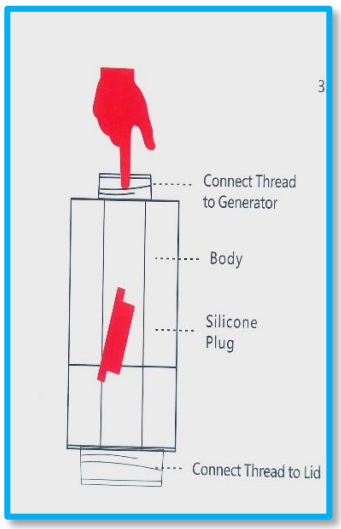
Once charging is complete, **detach** the body from the base of the device, remove the **silicone cap** covering the electrolysis cell by pressing your finger down and **discard the waste water** that keeps the generator's PEM membrane hydrated.

Then screw the device back on and **rinse** the inside of the equipment with water that does not exceed 60ºC. Finally**, perform a hydrogenation cycle with water only**, discarding it and replacing it after each cycle. **Rinse.**

Once the procedure is done, you can start using the device normally.







5- RECOMMENDATIONS FOR USE

1. Read this instruction manual carefully **before** your first use, and refer to it again if you have any questions.

2. Use only with **non-chlorinated drinking water, bottled water, purified water** or distilled water, and always at a **temperature below 60ºC**. Otherwise, the electrolyzer can be damaged. **Do not use any other liquid.**

3. Do not insert any **metal** material into the water container.

4. The generator base cannot be cleaned externally with water or immersed in water. The internal components of the generator can be damaged. Use **dry element** for cleaning.

5. Make sure there is always **water inside** the equipment bottle to prevent the PEM membrane from drying out. **VERY IMPORTANT:** Not activating the programs of the device empty, that is, without water in it, **could seriously damage** it.

6. The equipment must operate in **an upright** position and never use it without water inside.

7. Keep equipment away from fire or any other **heat source.**

8. Unscrew the cap with the helping hand placed on the transparent body of the device, do not rest your hand on the base of the device, as it will unscrew it.

9. Confirm that the body and the electrolyzer base are perfectly screwed on.

10. It is important **not to fill the device with water to its full capacity**, you should never cover the pressure valve located at the base of the lid. Leave **a space** between the end of the body and the water level of at least 2 cm. If the lid does not unscrew due to excess pressure, turn the device over and unscrew the electrolyzer base to remove the water from the body of the device.

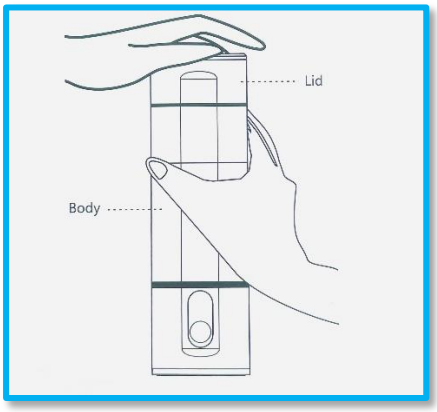
11. For greater efficiency and concentration of hydrogen in the solution, **consume the hydrogen water once the selected program has been completed** directly through the mouth of the body of the device.

12. If the device **is not going to be used for a long period of time**, add a little water to the hydrolyzer base and cover with the silicone cap that comes from the factory so that the PEM membrane does not dry out.

13. Do not attempt under any circumstances to open or manipulate the generator. In such a case, any circumstance arising from the warranty will not be covered.

6.- RECOMMENDATION TO UNSCREW THE LID

When the lid is opened, please grasp it with one of your hands and with the other the body of the device, not the base, as it will unscrew the base and not the lid and in this way and with use, it will cause misalignments that could generate water losses.



7. CHARGING THE DEVICE

When the device, after use, consumes the battery charge, a **red light** will come on and the battery will need to be recharged. The recharging operation can take about 2.5 hours. Depending on your use, you will have to recharge the device more or less frequently. Only charge the product with an **AC adapter for 5 Volts/2 Amps.** If the wrong adapter is used, the product may fail.



8. USING THE DEVICE TO GENERATE HYDROGEN-ENRICHED WATER

The device has a **modern built-in LED display** that will tell you the remaining time of the selected program and the battery level.

To start the cylinder operation, press the built-in touch button under the LED display at the base of the device.

A.- PROGRAM 1 (5 MINUTES). If you want to select program 1 (duration 5 minutes) hydrogen concentration **3000 ppb**. Make **a single press**.

B.- PROGRAM 2 (10 MINUTES). If you want to use program 2 (duration 10 minutes) hydrogen concentration **5000 ppb**. , press once to start the timer to discount the time of program 1. Once started, press the sensor again to start program 2.

Both actions will be accompanied by a **blue light** for the duration of the program and **acoustic signals** at the beginning and end of the program.

The **device will automatically turn off** after the completion of each program.
You can also turn it off at any time by pressing the sensor once for 3 seconds during the hydrogenation process of either program.

Once the programs are finished, we recommend for optimal consumption to unscrew the device and consume on it. If you want to pour the water into a glass, you can do that too.



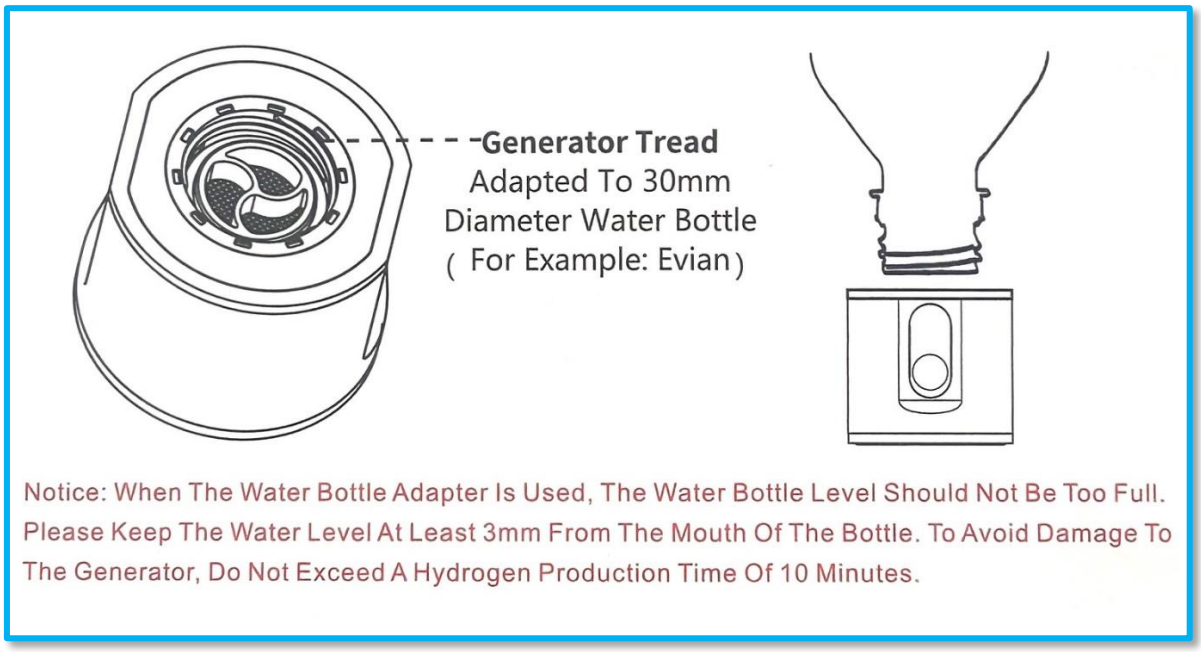
On-off sensor, program selector and LED display

9.- PRODUCE HYDROGEN WATER IN A BOTTLE.

Unscrew the base from the body of the device. Screw through the mouth of the bottle and select program 1 of 5 minutes. As the bottle is not prepared for a high-pressure process like the original, it is not recommended to use program 2 of 10 minutes.

Bottles of more than 0.5 liters of water are not recommended.





10.- TECHNICAL SUPPORT SERVICE

In case of doubts or problems in the operation of the bottle, contact us via email SAT@hylka.com .

11.- CLEANING THE DEVICE.

Depending on the type of water you use in your HYLKA device, it would be advisable to perform electrode cleaning maintenance. To do this, add 1 part white vinegar, citric acid or strained lemon juice and three parts water to the bottle and leave it for 12 hours.

Once the waiting period is over, shake the device well, rinse the body of the device thoroughly, and return to daily use.

Once the procedure has been performed, you can start using the device normally, using cleaning with citric acid or vinegar dissolved in water as described once a month.

12.- MAINTENANCE

1. From time to time, and especially if you hydrogenate water with a high content of lime and minerals, it is normal for white spots or scales to form on the walls of the equipment as well as inside the electrolysis chamber. To remove them, put warm water (not exceeding 40ºC) with white vinegar or dissolved citric acid inside the device, close the bottle and shake it. Discard the water and rinse the inside of the equipment with clean water.

2. If you are going to stop using the equipment for an extended period of time, unscrew the bottle from the equipment, insert a little water inside the electrolysis chamber and screw on the plug of the electrolysis chamber to keep the membrane moist.

3. Once the hydrogenation process is complete, drink the water as soon as possible to drink it with the highest concentration of dissolved hydrogen.

13.- TROUBLESHOOTER OF COMMON PROBLEMS

PROBLEM: Few bubbles are observed in the hidrógeno.de production process that has removed the closing cover of the electrolysis cell.

SOLUTION: The gas separation membrane may have dried out during transport or after some time without using the equipment if the electrolysis compartment was not maintained with water. In this case, it is normal for hydrogen production to be reduced. Pour water into the bottle and perform two hydrogenation cycles to restore the membrane to its optimum moisture level. If the above process still does not solve the problem, leave the equipment with water inside the bottle for 24 hours so that the membrane can rehydrate. If it is not solved, contact your salesperson or if applicable the SAT department of Hydrocell world, S.L.

PROBLEM: The power button is not responding and the blue light is not coming on.

SOLUTION: The battery of the computer is probably completely discharged. Charge it and try again. If it is not resolved, contact your seller or if applicable the SAT department of Hydrocell World s.l.

14.- WARRANTY

1. The distributor guarantees the equipment for a period of one year, from the date of purchase, in the event of any lack of conformity detected in the equipment.

2. The warranty includes the repair and replacement of defective parts by personnel authorized by the distributor or the Official Technical Assistance Service (SAT) in its workshops, or if the distributor deems it appropriate, replacement of the defective device with a new one.

3. The distributor is exempt from providing a warranty in the case of parts subject to natural wear and tear, lack of maintenance, blows or other non-conformity resulting from improper use of the equipment or inappropriate, according to the conditions and operating limits indicated by the same.

4 . The warranty loses effectiveness in cases of mishandling and use of the equipment, or in those cases in which it has been modified or repaired by personnel outside the distribution company or official SAT. Parts replaced under warranty will remain the property of the dealer.

5. For any warranty claim, the purchase invoice must be presented together with the following duly completed warranty card.

DEVICE WARRANTY CARD

DATE OF PURCHASE:
NAME
ADDRESS
TELEPHONE CONTACT
EMAIL
INVOICE NUMBER
PROBLEM DESCRIPTION:

TRIM AND SEND TO HYDROCELL WORLD S.L.

15.- PRODUCT CERTIFICATES

The **HYLKA** device is **CE, ROHS and FCC** certified and has been produced under **ISO 9001 and 14000 standards.**







16.- OBSERVATION

This product is not a medical device. In case of diagnosing, preventing, treating, and curing any disease, consult your doctor.

17.- SAFETY WARNINGS



SAFETY WARNINGS

These warnings must be taken into account for the correct and safe use of this device. Failure to follow these warnings correctly can result in injury of consideration to the user, as well as damage to the device.

• DO NOT PLUG THE DAMAGED POWER PLUG INTO A LOOSE OUTLET.
- If the power is not connected correctly, it can cause fires, electric shocks or faults.

• DO NOT PULL ON THE POWER CORD.
- It can cause failures.

• DO NOT DAMAGE OR MODIFY THE PRODUCT BY BENDING THE POWER CORD, OR PLACE HEAVY OBJECTS ON TOP.

• DO NOT TOUCH THE PLUG OR CORD WITH A WET HAND.
- It can cause fires, electric shocks and breakdowns.

• DO NOT REPEATEDLY PLUG AND UNPLUG THE POWER CORD.

• DO NOT CONNECT THE POWER CORD TO THE PRODUCT FOR A LONG PERIOD OF TIME. TIME (5 HOURS OR MORE).

• UNPLUG THE DEVICE OTHERWISE YOU WILL BE USING IT FOR A LONG PERIOD OF TIME.

• WHEN THE CHARGER PLUG IS WET, DISCONNECT AND DRY COMPLETELY BEFORE REUSE.

• DISCONNECT BEFORE REPAIRING, INSPECTING, OR REPLACING COMPONENTS.
- It can cause failures.

• KEEP THE DEVICE OUT OF THE REACH OF CHILDREN.

• DO NOT MODIFY OR REPLACE THE MAIN BODY OF THE PRODUCT.
- May cause electric shock or fire.

• IMMEDIATELY STOP USING THE PRODUCT IF IT PRODUCES SMOKE OR A STRANGE ODOR.
- Immediately stop the operation, unplug the charger and contact technical service. If the operation continues, it may cause electric shock, fires or breakdowns.

· USE THE PRODUCT AFTER CHARGING BY CONNECTING IT FIRMLY TO THE CHARGER.
- If it is poorly connected, it could cause a fire or breakdown.

REGARDING ELECTRIC CURRENT



It indicates a potentially dangerous situation that, if not avoided, may result in death or serious injury or harm ownership, or loss of functionality of the device.
It indicates a potentially dangerous situation that, if not avoided, may result in property damage or loss of functionality of the product.

REGARDING THE USE OF THE DEVICE



· If you notice an abnormality, discontinue using the product.
· Do not allow children to use the product without adult supervision.
· Connect it only to AC100~240/50~60hZ power outlets.
It could cause electric shock or fire.
· Use only the charger supplied when you purchase the device.
Failure to do so may damage your computer.
· Do not improperly modify, disassemble, modify, or repair the device.
It could cause electric shock or fire.
· Do not step on or damage the cord. It could cause electric shock or fire.
· Stop using the device when it gets hot or notices any changes in its color. In such a case, unplug it immediately and get in touch

with the technical service o_cial.
· If battery fluid comes into contact with your skin, flush
immediately and consult a doctor. It could cause skin damage.
· Do not press the power button when you do not have a bottle of water
Curled. This action could damage the hydrogen generator.
· Do not use water at a temperature higher than 80ºC.
It can cause abnormal functioning.
· Do not use drinks with deposits or viscosity such as carbonated drinks, green tea, or juices.
It can cause failure due to the presence of potentially harmful foreign substances that
affect the electrodes.
· It is recommended to use drinking water.
If using any beverage other than water, clean the product with citric acid before
of 1 hour. If the product is not cleaned with citric acid, it may cause failure or abnormal odor.
Read page 10, "Washing the Device" for more information about the
Citric acid cleaning method.
· When you use the product for the first time or when it is used after a long period
(1 week or more), run it 2 or 3 times. This helps clean the product and
Soak the hydrogen generator electrode with water.
If the product is used with the hydrogen generator completely dry, it may take time
more time to generate hydrogen.
· Before charging, dry the device. It can cause electric shock or failure.
· Stop using the device if it has been damaged by a bump. It can cause electric shock,
fires or failures.
· Whenever the device is used, place it on a flat, hard surface.
· Do not apply current directly to the device.
· Do not use water that contains residue or excessive hardness.
It could damage the hydrogen generator.
· Do not freeze the device.
· Do not wash the device with chemicals or detergents.

18.- PRODUCT IMPORTED AND DISTRIBUTED BY

HIDROCELL WORLD, S.L.

C/Grassot 85, Local 28007 Barcelona-Spain.

sat@hylka.com