



AquaCure® AC 1



Quick Set-Up and Operation Guide

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DISCLAIMERS

The statements in this manual have not been evaluated or approved by the FDA or any other government agency, or medical organization. Products discussed or presented are not intended to diagnose, treat, cure, or prevent any disease. If you are pregnant, nursing, taking medication, or have a medical condition, consult your physician before using our products.

The information provided on or in any product label, packaging, manuals, and associated links are for informational purposes only and are not intended as a substitute for advice from your physician or other health care professionals.

Always consult with a healthcare professional before starting any diet, exercise, or supplementation program, or if you have or suspect you might have a health condition. Do not stop taking any medication or treatment without first consulting your physician.

As individuals differ, so will results. Even though we only use natural occurring ingredients, always check with your doctor for risks associated with dietary supplements and how they relate to your specific health conditions and/or allergies.

AquaCure is not yet defined as a medical device and therefore cannot be recommended for human use. Legal use would be for plants, fish, birds, and other mammals.

LIABILITY

Eagle-Research, AquaCure, its manufacturers, distributors, and anyone associated with them assume no responsibility:

1. For any damage, losses, or injuries arising from the regular use of our AquaCure Products or services, including but not limited to errors, omissions, or inaccuracies in the information provided. All use is at your own risk.
2. For any damage, losses, or injuries arising from the misuse of any of our AquaCure products. Follow all the instructions described. Do not open the machine to expose the parts. Personal injury could occur.

Modifications to any AquaCure product must be approved by Eagle-Research, AquaCure, or George Wiseman in writing. All other modifications will be deemed excessive damage.

Use of the Products, information, or services confirms acceptance of these conditions. If these conditions are not acceptable, please immediately return the products for a refund.

Thank you for purchasing your AquaCure AC1. We hope you enjoy the benefits you deserve from using the machine.

For years, the AquaCure AC50 has stood as the premier choice for Brownís Gas generation. This isnít by Accident. Itís the result of dedicated research, meticulous engineering, and relentless pursuit of perfection.

We made it Better!!

Brownís Gas, also known as HHO gas, offers unique potential across various applications. The AquaCure AC1 unlocks this potential with unparalleled reliability, efficiency, and safety.

The AquaCure AC1 isnít just assembled; itís engineered. Our team has invested countless hours refining every aspect of its design and functionality.

The commitment to quality extends beyond the design phase. Rigorous testing and quality control measures are implemented throughout the manufacturing process to guarantee that every AquaCure AC1 meets our exacting standards. This ensures that you receive a reliable and consistent AquaCure Brownís Gas Generator that will serve you for years to come.

If you require additional assistance with set-up or using the machine, please feel free to reach out to us at Eagle-Research.com/contact or AquaCure.Life/contact

Once again, thank you for your purchase. Please visit us online for more details about the AC1 and our other available products.

CAUTION!!



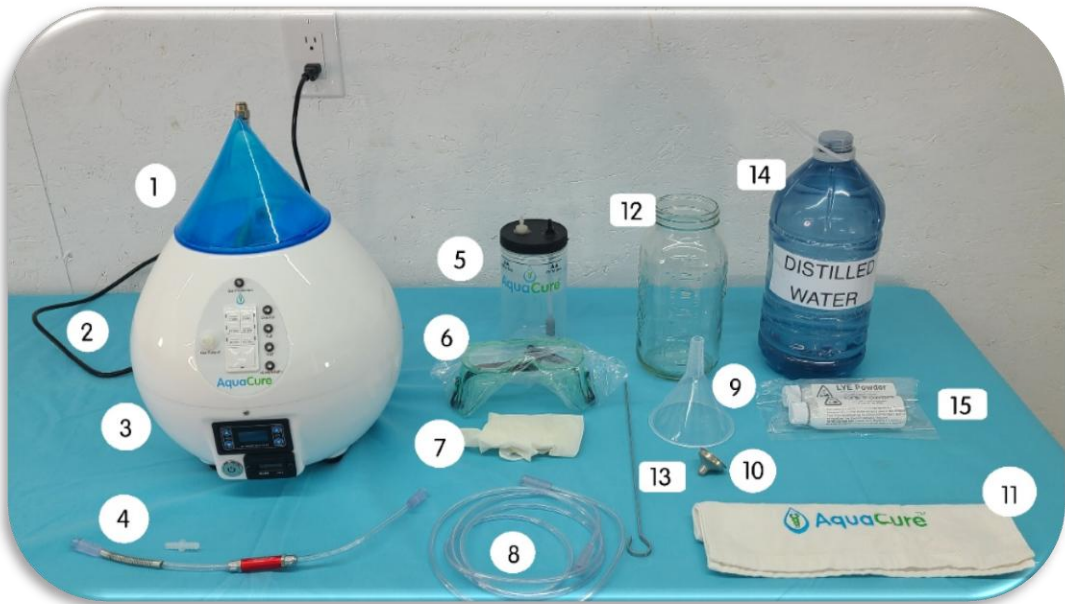
All Brown's Gas (aka Hydroxy, HHO) electrolyzers, including the AquaCure, generate a mixture of hydrogen and oxygen gases that are combustibile and potentially explosive. The alkaline solution of Sodium Hydroxide (lye) that is used in the machine for efficient electrolysis is corrosive and can cause chemical burns. It is imperative that you follow safety precautions when working with the lye solution and powder.

- Always wear nitrile or rubber gloves
- Do not inhale the airborne lye particles or the gas emitted during mixing.
- Always mix in a well-ventilated area.
- Keep off your skin and any other surfaces. If the dry powder gets on your skin, brush it off into the sink and then rinse with tap water until the slippery feeling goes away. If lye is spilled; using a dry cloth, wipe the powder from the surface into a container, then use a wet cloth to clean the area until it's squeaky clean
- **Do not smoke or have an open flame while using the machine**
- Hydroxy must be diluted with air to breathe safely.

Safety reminders are included in the instructions that follow.

AquaCure Micro / Nano Bubble Generator Quick Guide

Please read all instructions prior to using the machine.



Included in Box

1. Blue Translucent Bubbler
2. Power Cord
3. AC1 Chassis
4. Flashback Arrestor
5. Drinking Water Jar
6. Goggles
7. Nitrile Gloves
8. Cannula Extension Hose
9. Plastic Funnel
10. Stainless Steel Funnel
11. Small AquaCure Towel

From Home

12. Glass Jar 1000mL
13. Stirring Stick (not Aluminum)
14. Distilled Water (1 Gal, 4 Liters)
15. 8 oz Sodium Hydroxide (Lye)

Setting up your AC1

1. Fill the Mason Jar (or glass container) with 1000mL room temperature distilled water.

2. Slowly pour the full 8 oz of LYE into the water. While pouring, stir the mixture slowly until all crystals are dissolved. The solution will become hot and cloudy. Set aside to allow the solution to cool off and become clear. **Pouring too fast can cause a splash, spraying you with the solution.**



3. Make sure the drain valve on the back of the AquaCure is closed. The lever should be as shown in the picture.
4. Plug the power cord into the back of the unit and into the wall. Turn on the main power button on the front lower left side of the machine.



5. Once the solution is clear, remove the silver hexagonal Tank Fill Cap valve from the top of the AC1 Chassis.



6. Using the included plastic funnel, slowly fill the unit with the super saturated lye solution. Top up with distilled water until the green “Full” LED turns on.



7. If you accidentally overfill the machine, turn the machine around. Pull it to the edge of the counter or table. Place a container under the valve and open the spigot to allow the extra fluid to drain until the red lights goes off.



8. Re-Install the fill cap finger tight. Do not overtighten. Wipe any spilled solution from the machine.



9. Remove the silver hexagonal pressure relief valve cap from the top of the translucent blue bubbler tank.

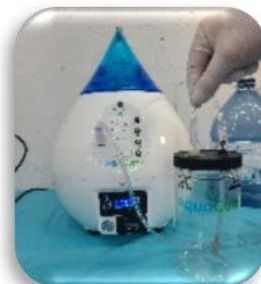
10. Using the small stainless-steel funnel, fill the bubbler tank to the just below the black line using only distilled water. Replace the bubbler fill cap until snug. Do not overtighten. The stem is easily broken.



11. Set the blue bubbler on top of the AquaCure unit and connect the hoses on the back of the machine. They will only attach one way.



12. Fill the drinking water jar up to just below the fill line. This is the final filtering process.



13. Attach one end of the tubing (2004-4 or 2004-1) to the Gas Output Port and the other end to the drinking water jar lid (black fitting). It will be on the same side as the bubbling stone.



14. Attach the Flashback Arrestor to the white fitting on the drinking water jar. Install the hose for your chosen device to the hose connector on the Flashback Arrestor. This can consist of a breathing device (nasal, mask), topical application, or aquarium. *(see insert with the Flashback Arrestor)*

15. **Do NOT use the machine while smoking or in the presence of an open flame.**



16. Using the timer switch on the front of the machine, select the length of time you wish to use the gas. The switch has 6 predetermined times, or you can set the timer to continuous. To change the timer to continuous production, press and hold the bottom button for about 10 seconds. Once you see the blue light illuminate, the machine is set for constant use.
17. Setting the duty cycle. Above the main power switch and hour meter, there is a frequency meter. This adjusts the volume of gas the machine makes. It can be adjusted between 0% (no gas production) & 100% (full gas production). To adjust the %, use the duty buttons on the right side.
18. The standard frequency is already set. To see additional information regarding frequency settings, view the full operation manual at Eagle-Research.com or AquaCure.Life.



19. To quickly calculate your safe breathing limit of 2% hydrogen: Divide your **healthy** weight (imperial x 5 and metric x 2.3) to get an estimated breathing %.

EXAMPLE: 180 lbs / 5 = 36% *or* 82 kg / 2.3 = 36%

Kg	Lb	%	L/hr	mL/m	Kg	Lb	%	L/hr	mL/m
40.8	90	18	9.0	150	77.1	170	34	17.0	283
45.4	100	20	10.0	166	81.6	180	36	18.0	300
49.9	110	22	11.0	183	86.2	190	38	19.0	316
54.4	120	24	12.0	200	90.7	200	40	20.0	333
59.0	130	26	13.0	216	95.3	210	42	21.0	350
63.5	140	28	14.0	233	99.8	220	44	22.0	366
68.0	150	30	15.0	250	104.3	230	46	23.0	383
72.6	160	32	16.0	266	108.9	240	48	24.0	400

(for healthy weights outside the range of this chart, see our online Operation Manual)

ADDITIONAL INFORMATION

Our full Operation Manual and several videos are available on our website Eagle-Research.com or AquaCure.Life.

If you cannot find your answer on the website, please reach out to us at Eagle-Research.com/contact or AquaCure.Life/contact.

We will work through it with you.

Thank you again for our purchase. We hope you enjoy the benefits as much as we do.



AquaCure.Life/AC1

