



User Manual

For the HyLine Hybrid H2



Built to Last
Backed for 5 Years!

Congratulations on your purchase of the HyLine Hybrid H2 Water Ionizer!

Designed and assembled by HyLine Water Systems in the USA, your system blends advanced hydrogen-alkaline technology with a 29-point inspection process for lasting performance. Backed by our 5-Year Warranty, your HyLine Hybrid H2 is built to deliver refreshing, mineral-rich, antioxidant water, engineered to perform and made to last.

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Key Benefits & Smart Features

1. Vibrant LCD Display

Features a 3.5" full-color LCD screen with large, easy-to-read text for a clear and intuitive experience.

2. Real-Time Monitoring

Displays live data for flow rate, water temperature, pH, and ORP — helping users choose the exact water type they need.

3. Smart Power System

Built with an efficient multi-voltage power supply that adapts to global standards. The system reduces energy usage with automatic standby mode to save power when idle.

4. One-Touch Touchscreen Operation

High-quality CDC touchscreen technology allows for quick and effortless control — just one touch starts the system.

5. Microcomputer-Controlled Electrolysis

Engineered to deliver consistent performance across a wide range of water qualities, supporting TDS (Total Dissolved Solids) levels from 50 to 1000 mg/L.

6. Built-In Filtration & Status Display

Integrated LCD filter status display ensures you're always aware of system performance and water quality improvements.

7. 29-Point In-House Inspection

Every unit undergoes a thorough 29-point inspection, including 17 electrical checks, 12 water tubing & connection checks, a pressure test, and final ORP & pH verification.

8. Premium Ion Membrane & Electrodes

Japan-imported ion membranes and titanium electrode plates ensure strong, efficient electrolysis and long-lasting performance.

9. Temperature Protection System

Automatically prevents hot water from entering the system, protecting internal components and extending machine life.

10. Assembled in the USA

Proudly assembled in the United States, ensuring strict quality standards and reliable craftsmanship.

Technical Specs & Performance Details

1	Specification	Details
2	Input Power	120V~, 50-60Hz
3	Standby Power	About 3.5W
4	Inflow Pressure	14.5-43.5 psi
5	Inflow TDS Range	50-1000 mg/L
6	Start-Up Flow Rate	0.21 gallons/min
7	Ideal Flow Rate	0.5-1 gallons/min
8	Continuous Electrolysis Time	Up to 60 minutes
9	Built-In Filter Capacity	Approx. 2000 Gallons (varies by water quality)
10	Water Types Available	Varying pH's between 3-11
11	Electrode Material	99.9% Pure Titanium base with platinum coating
12	Number of Plates	11 plates
13	pH Range	3.5-11 (depends on source water)
14	ORP Range	+700 to -800 mV
15	Max Inflow Temperature	149°F
16	Net Weight	Approx. 5.5 lbs
17	Dimensions (W × D × H)	9.6" × 5.1" × 13.0"

Installation Requirements & Usage Guidelines

1. Water Quality Requirements

- The input water must meet local drinking water standards.
- Poor water quality may damage the machine, shorten its lifespan, or produce poor results.
- The recommended input flow rate is at least 0.8 liters/min (0.21 gallons/min).
- If water flow is too low, the machine may not activate. You may need a booster pump in areas with low water pressure.

2. Using with Reverse Osmosis (RO) Systems

- Water ionizers require minerals in the water to properly function.
- RO systems remove these minerals, which may prevent the ionizer from working.
- If you must use RO water, it's strongly recommended to install a remineralization filter after your RO system to restore conductivity.

3. Do Not Install the Water Ionizer in These Locations:

- Near heat sources, stoves, or fireplaces
- In areas with high temperatures (over 140°F / 60°C)
- In direct sunlight or outdoors
- Anywhere exposed to freezing conditions

4. Installation Notes

- Do not disassemble, repair, or modify the machine yourself.
- Contact a certified technician or your distributor for service.
- Before using the machine, verify all parts and accessories are included and intact.
- If anything is missing, please contact the distributor or seller.

5. We Recommended Using a Pre-Filter Setup

- For best results and to extend the life of your ionizer, we recommend using the **HyLine 3-Stage Pre-Filter System**.
- This setup helps remove sediment, chlorine, chemicals, and other contaminants that may affect water quality and electrolysis.
- Using a pre-filter boosts hydrogen output, improves ORP levels, helps maintain a consistent pH, and reduces mineral buildup inside the machine.
- Using a Pre Filter will result in higher quality better tasting Ionized water.

How to Install Your HyLine Water Ionizer

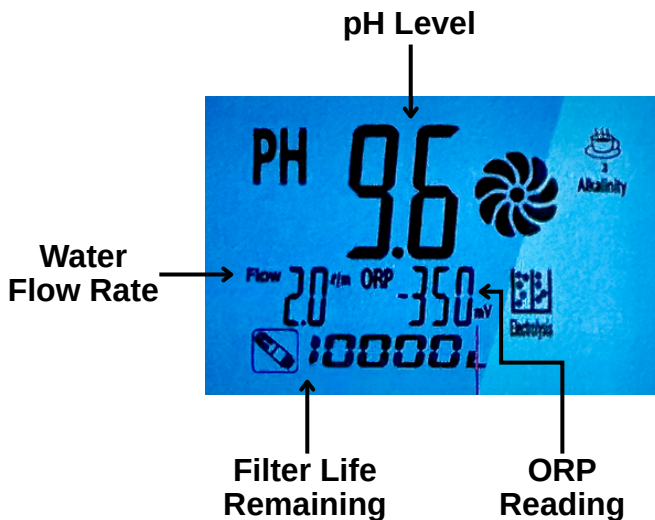
Contact your HyLine Water Representative or Customer Service for Installation advice

Contact Info:

480-935-3265

Service@HyLineWaterSystems.com

Understanding Your HyLine LCD Display



Your **HyLine Hybrid H2** water ionizer features a high-visibility LCD screen that provides real-time system information to help you monitor and adjust your water output with ease.

Here's what each display element means:

- **Flow Rate:** Displays the current water flow rate through the ionizer in liters per minute (L/min).
- **Temperature:** Shows the current temperature of the water entering the unit.
- **pH Level:** Indicates the pH of the water coming out of the metal spout.
- **ORP Reading:** Displays the Oxidation-Reduction Potential (ORP), showing the antioxidant level of your water (in millivolts).
- **Filter Life Remaining:** Shows how many liters of usage remain before your internal filter needs to be replaced.

Important Safety Guidelines

For optimal performance and long-term protection of your **HyLine Hybrid H2** Water Ionizer, please follow these safety and usage tips:

Water & Filter Guidelines

- Use municipal filtered water for best results.
- Avoid well water, turbid water, or sources with heavy metals.
- **Do not connect to a water heater.** The inlet water temperature should remain below 140°F (60°C).
- Install our **HyLine Pre Filter System** for best results and to extend the life of the unit.
- Replace the internal filter and pre-filters on time to maintain water quality and protect the machine.

Usage & Maintenance Tips

- Always connect the water supply before turning on the machine to allow internal components to fill properly.
- **Do not disassemble** the machine or tamper with internal parts. Contact HyLine support for service.
- Avoid using alcohol, solvents, or abrasive cleaners. Wipe with a soft cloth and mild soapy water.
- Allow water to flow through the system for 10+ seconds each morning before use to flush standing water.

Additional Warnings

- Do not take medicine with ionized water, use the purified water setting instead.
- Do not drink acidic water.
- The drain hose should not exceed 24 inches (60 cm) in length.
- Keep out of reach of children. Supervise anyone unfamiliar with the system before use.

Using Your HyLine Water Ionizer

Once your ionizer is installed and connected to the water supply, follow these steps to begin using it:

Getting Started

1. Turn on your water supply.
2. When the water flow reaches 0.8 L/min (0.21 gal/min) or higher, the LCD screen will activate and the ionizer will enter standby mode.
3. Select your desired water type using the control panel.

Water Settings

Choose from 7 levels of water by pressing:

Alkaline 1, Alkaline 2, Alkaline 3, Alkaline 4, Purified, Acidic 1, Acidic 2

Alkaline Water	Alkaline 4	Strong Alkaline Water
	Alkaline 3	Regular Daily Drinking
	Alkaline 2	Regular Daily Drinking
	Alkaline 1	Beginners & first-time drinkers
Purified	Purified	Neutral pH Water (For Medication)
Acidic	Acidic 1	Skin Care / Watering Plants
	Acidic 2	Surface Cleaning

Troubleshooting Guide

If you experience any issues with your HyLine Water Ionizer, try the following steps before contacting support:

Problem 1: Power light or LCD screen won't turn on

Solution:

- Make sure the unit is plugged into a working outlet (110V/220V).
- Unplug and replug the power cord securely.
- Try a different outlet or reset the breaker if needed.

Problem 2: The machine beeps and stops working

Solution:

- Check the LCD screen for any error codes.
 - If you see "H1", the incoming water may be too hot.
 - Turn off the unit and ensure it's connected to cold water only (no hot water lines).
- If beeping continues, unplug the machine and wait 30 seconds before restarting.

Problem 3: No water comes out of the machine

Solution:

- Check if the internal filter needs replacement (see filter life on the LCD screen).
- Ensure your water pressure meets the minimum requirement (0.8 L/min).
- Check for frozen pipes/blocked filters. If needed, use a pump or replace the filters.

Problem 4: Water flow is weak or keeps decreasing over time

Solution:

- Mineral buildup (like calcium) inside the water path may be restricting flow.
- Run a cleaning cycle or contact customer service for deep cleaning support.
- A pre-filter system can help prevent this issue long term.

Problem 5: Alkaline water looks white or cloudy

Solution:

- This is normal, small bubbles form during electrolysis, causing a milky appearance.
- Wait a few minutes and the water will clear on its own.

Problem 6: White particles or film in your container

Solution:

- These are natural calcium deposits formed when ionized water reacts with air.
- They are safe but can be removed by cleaning containers with white vinegar.
- To reduce buildup, clean your ionizer regularly.

Problem 7: Touch panel buttons are unresponsive

Solution:

- Turn off the unit, unplug it, wait 30 seconds, then plug it back in.
- Avoid using the same outlet as high-powered appliances (microwaves, etc.).

Problem 8: The screen turns off by itself after a short time

Solution:

- This is normal, it automatically enters power-saving mode when not in use.
- The screen will light up again as soon as water flow resumes or buttons are pressed.

Problem 9: The water tastes or smells unusual

Solution:

- This may occur if the filter needs replacing or the unit hasn't been flushed recently.
- Run cleaning mode to flush the system. (Turn the water one and push "Cleaning")
- Replace the internal filter if it's nearing the end of its life (check the LCD display for filter status).
- If using a pre-filter, check that it is clean and properly installed.

Warranty Information

HyLine Water Systems 5-Year Limited Warranty

HyLine Water Systems warrants to the original **residential purchaser** that the **HyLine Hybrid H2 Water Ionizer** (the "Unit") will be free from defects in materials and workmanship under normal household use for a period of **five (5) years** from the original date of purchase or installation (whichever occurs first).

During the warranty period, HyLine Water Systems will, at its option, **repair or replace** defective components or the complete unit if a manufacturing defect is confirmed under normal use conditions.

What Is Covered

This warranty covers:

- Defects in materials and workmanship affecting the internal electrolysis chamber, circuitry, LCD display, sensors, and power supply.
- Labor for authorized in-warranty repairs performed by HyLine Water Systems or an authorized service technician.
- Return shipping for approved warranty claims within the contiguous United States.

What Is Not Covered

This limited warranty does not cover:

- Normal wear, cosmetic fading, scratches, corrosion, or exterior discoloration.
- Consumable items such as internal filters, pre-filters, cartridges, O-rings, tubing, fittings, and faucet assemblies.
- Damage from misuse, neglect, accident, alteration, modification, improper installation, or maintenance.
- Operation outside the published specifications for water quality (e.g., excessive hardness, TDS > 1000 ppm, or untreated well water).
- Damage caused by power surges, freezing, excessive heat, water pressure beyond 70 psi, or exposure to sunlight or weather.
- Damage caused by leaks, flooding, or water intrusion due to plumbing failure or unapproved under-counter installation.
- Damage resulting from fire, flood, earthquake, lightning, or other acts of God.
- Commercial, industrial, or rental-property use.
- Performance results such as specific pH or ORP levels, which vary with local water conditions.

Warranty Information Continued

Installation Requirements

If the Unit is installed under the counter, beneath a sink, or inside cabinetry, it **must be installed by a licensed plumber or contractor licensed in the state or municipality where installation occurs** and in full compliance with all applicable plumbing and electrical codes.

Failure to do so **voids this warranty and releases HyLine Water Systems from all associated liabilities.**

HyLine Water Systems is not responsible for damage resulting from improper, unlicensed, or non-code-compliant installation, including but not limited to leaks, flooding, and related property damage. Installation under counters, in cabinetry, or beneath sinks must be performed by a licensed plumber or contractor in the state or municipality where installation occurs. Failure to comply with these requirements will void the warranty for the Unit and HyLine will not be liable for any resulting damages.

Tamper Seal / “Warranty Void If Removed” Sticker

A factory-applied tamper sticker is located over the rear screw holes of the Unit.

If this sticker is **removed, punctured, or damaged**, or if the Unit has been opened or altered by anyone other than an authorized HyLine Water Systems technician, this warranty becomes void.

Maintenance & Conditions for Validity

To maintain warranty coverage:

- Replace filter/pre-filters at the recommended intervals with HyLine-approved parts.
- Operate the Unit only with potable municipal water or properly filtered water within published TDS and pressure ranges.
- Keep the original proof of purchase.
- Ensure the serial number and tamper seal remain intact.

Failure to follow these conditions, or failure to replace filters within recommended intervals causing mineral buildup, may void this warranty.

Warranty Information Continued

Shipping & Service Policy

Customers are responsible for securely packaging and shipping the Unit to HyLine Water Systems' authorized service center for evaluation.

If the issue is confirmed to be covered under warranty, HyLine Water Systems will repair or replace the Unit at no charge and cover return shipping within the contiguous United States.

If the issue is determined to be non-warranty related, the customer will be responsible for return shipping and any authorized repair costs.

Warranty Limitations

This warranty is limited exclusively to the repair or replacement of the Unit and does not extend to consequential or incidental damages (including but not limited to water damage, property loss, or business interruption).

HyLine Water Systems' total liability shall not exceed the original purchase price of the Unit.

Some states do not allow limitations on incidental or consequential damages, so the above limitation may not apply in all jurisdictions.

How to Obtain Service

- Contact HyLine Water Systems Customer Support:
✉ HyLineWater@gmail.com ☎ 480-935-3265
- Provide your name, contact information, purchase date, serial number, and a brief description of the issue.
- HyLine Water Systems will evaluate the situation and, if applicable, issue a Return Authorization (RA) number with shipping instructions.
- After inspection, HyLine Water Systems will notify you whether the claim is approved under warranty.

Transferability

This warranty applies only to the original purchaser and the original installation address. It is non-transferable and becomes void if the Unit is resold or relocated without HyLine Water Systems' written consent

Warranty Information Continued

Governing Terms

This Limited Warranty gives you specific legal rights; you may also have other rights that vary from state to state. HyLine Water Systems reserves the right to update or revise warranty terms without prior notice, provided such changes do not shorten the coverage period for products already sold.

Question	Answer
How long is the warranty?	Five (5) years from purchase or installation (whichever comes first)
What's covered?	Manufacturing defects in materials or workmanship for internal components, electrolysis chamber, circuitry, LCD, sensors, and power supply.
What isn't covered?	Filters, pre-filters, hoses, cosmetic wear, misuse, power surges, hard-water or leak damage, acts of God, or unlicensed installation.
Who pays for shipping?	Customer pays inbound shipping to HyLine Water Systems; HyLine Water Systems covers return shipping if claim is approved (within the contiguous U.S.).
Does under-sink installation affect the warranty?	Yes. It must be installed by a licensed plumber or contractor in your state. Unlicensed installs void the warranty.
What about the tamper sticker?	Do not remove or puncture it. If it's damaged or missing, the warranty is void.
Do I need proof of purchase?	Yes, keep your original receipt for all warranty claims.
Is this warranty transferable?	No, it applies only to the original purchaser at the original installation location.
How do I start a claim?	Email HyLineWater@gmail.com or call 480-935-3265 for a Return Authorization (RA) number and instructions.

Frequently Asked Questions (FAQ)

Q1: How often should I replace the internal filter?

A: The internal filter typically lasts around 2,000 gallons of use (Roughly 10-12 months). Your LCD display will show the remaining filter life. We recommend replacing it as soon as the filter warning appears.

Q2: Can I connect to a reverse osmosis (RO) system?

A: Yes, but you'll need to install a remineralization filter after your RO system to restore conductivity. Without minerals, the ionizer won't function properly. This will work fine but we have found better results from a quality pre filter system.

Q3: Why does the machine beep or show a red light?

A: This usually means low water flow or high water temperature. Make sure your water pressure is at least 0.8 L/min (0.21 gal/min) and that the water is cold, not hot.

Q4: Is it safe to drink acidic water?

A: No. Acidic water is not for drinking. It's meant for external use like cleaning, skincare, and sanitizing.

Q5: What's the best water level for daily drinking?

A: Most users start with Alkaline 1 or 2, then gradually move up to Alkaline 3 once their body has adjusted.

Q6: Can I use well water or unfiltered water?

A: It's not recommended. For best results, we strongly suggest using municipal water with our HyLine Pre-Filter System to remove sediment and impurities.

Need Help?

We're here to support you with installation, troubleshooting, & maintenance.

Phone: 480-935-3265

Email: HyLineWater@gmail.com

Website: HyLineWater.com

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Product: HyLine Hybrid H2 Water Ionizer