Olympia H2 Installation and User Guide

Congratulations! Your new H2 Series ionizer is here, ready to transform the way you drink, cook, and live. This state-of-the-art system produces filtered alkaline, ionized, and hydrogen-rich water, giving you access to some of the cleanest, healthiest, and most functional water available. Packed with benefits and versatile uses, your H2 Series ionizer is more than just a water machine—it's an investment in your health and wellness. Take the time to read this manual carefully to learn how to install, maintain, and protect your system, and discover how to get the optimum performance from your new ionizer.

Here's to enjoying every drop of your H2 Series water and all the amazing ways it can support your lifestyle!



Prior to installation, it's very important that you read through and adhere to each of these safety warnings and precautions. Failure to comply can result in fire, injury, and / or damage to your electrical wiring, or electrical shock.

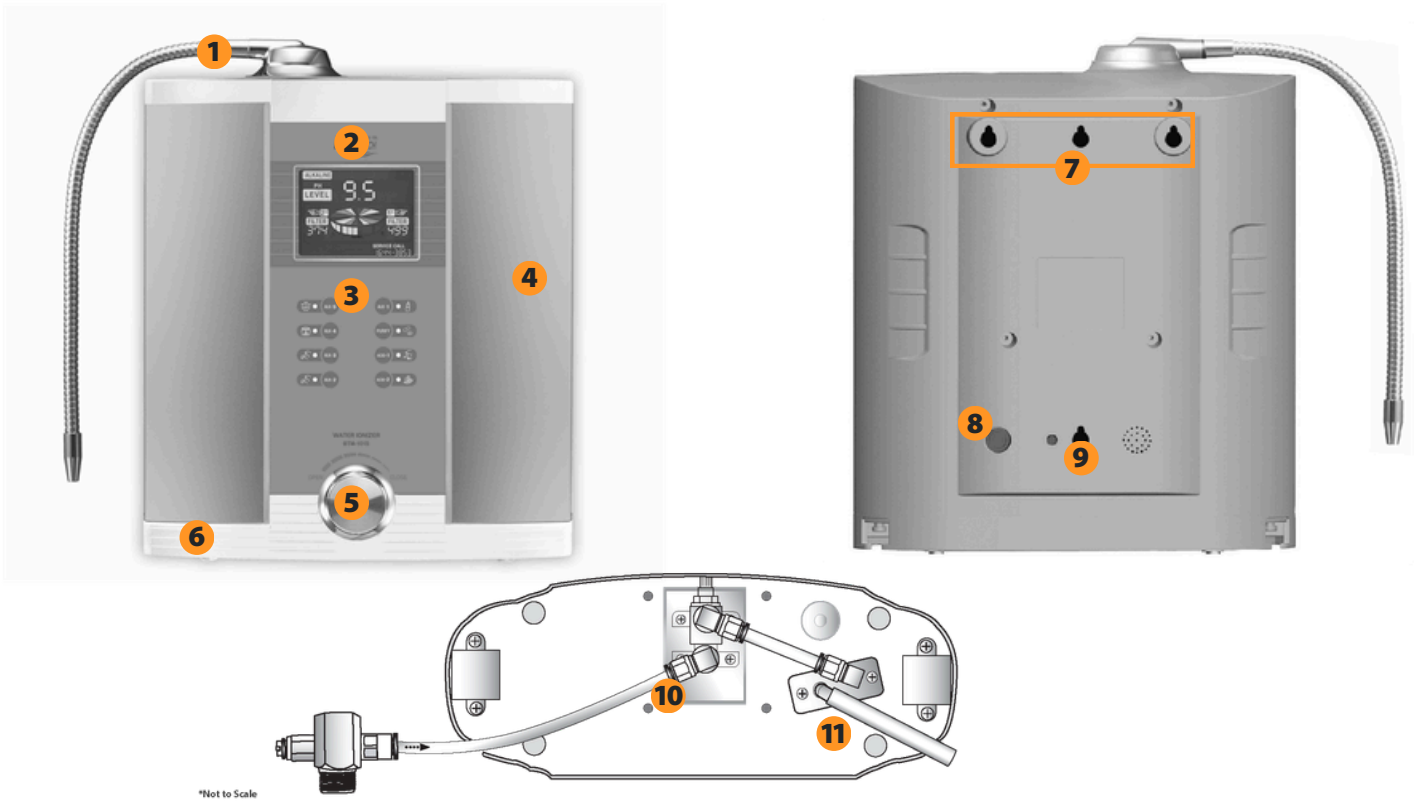
DO

- Plug your ionizer into a 110V grounded outlet that meets all local electrical codes.
- Ensure the power plug is properly inserted into the outlet.
- Unplug your ionizer while cleaning the casing. Clean with a damp sponge or cloth only.
- Keep the power cord and your ionizer away from hot surfaces or appliances.
- Unplug your ionizer when changing a fuse or cleaning your ionizer.
- Protect your ionizer from freezing temperatures and direct sunlight.
- Install your ionizer on a level, hard surface.
- Unplug your ionizer if you will not use it for an extended period of time. Store filters in a plastic bag in the fridge to prevent bacterial growth. Filter replacement may be necessary.
- Use your ionizer only with potable water which is suitable for human consumption.
- If you ionizer makes strange or unusual noises or odors, unplug the power cord immediately and contact AlkaViva Customer Service.
- Consult with a physician before drinking ionized water.

DO NOT

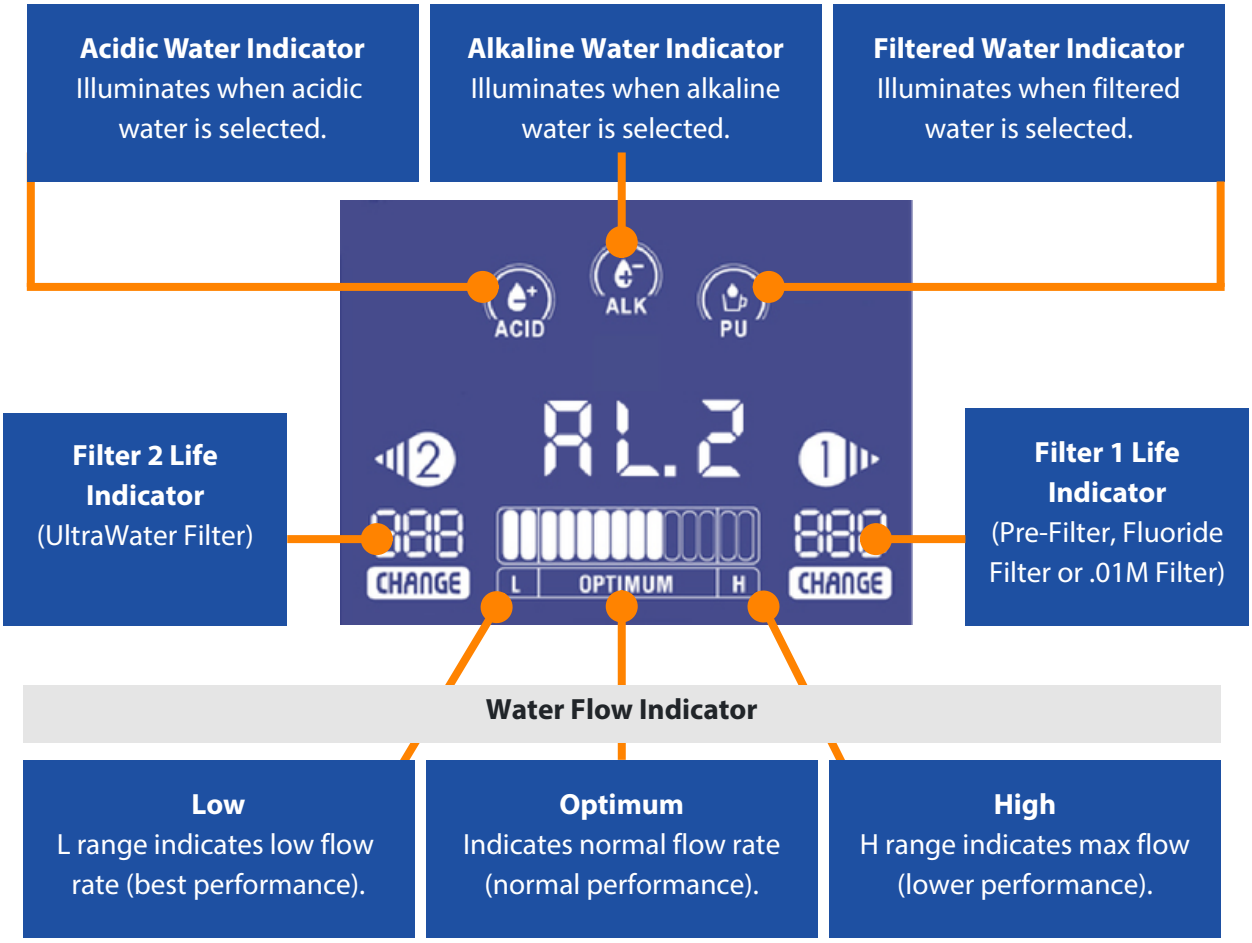
- Do not attempt to repair or service the unit yourself, or you will void your valuable warranty. Contact AlkaViva to arrange repair.
- Do not run your ionizer on 220V or other power. It is designed for 110V power.
- Do not touch the power cord with wet hands.
- Do not operate your ionizer with a damaged power cord or plug. Do not plug into a faulty or worn outlet.
- Do not run hot water through your ionizer. Doing so will damage your filters and / or membranes.
- Do not put anything heavy on top of your ionizer.
- Do not lay the ionizer face down, or on its side when changing filters or at any time.
- Do not close, bend, pinch, press, or otherwise obstruct output ports or tubing.
- Your ionizer is not under warranty for any damage caused by hard water, high iron, or insect infestation. Do not use your ionzier with well water, water with extreme hardness, iron, high sediment, or TDS levels without first contacting AlkaViva Customer Service.
- Do not drink acidic water.

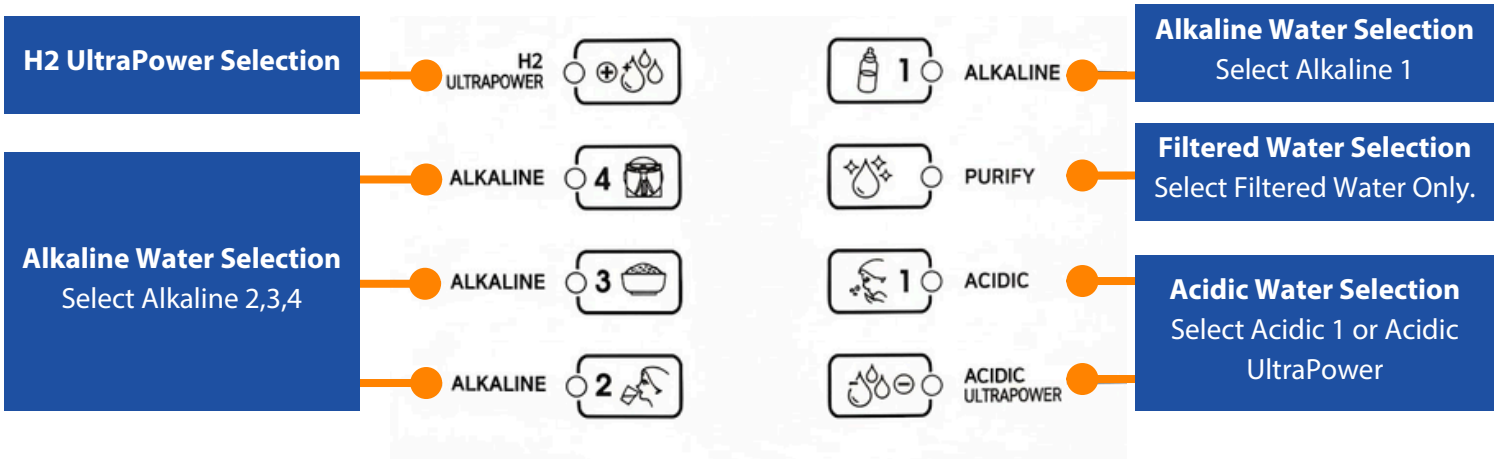
Let's Tour Your New H2 Series



#	Name	Description
1	Stainless Steel Flexible Hose	Outlet for alkaline or acidic water (user-selected)
2	Front Panel	Covers front of the ionizer
3	Control Panel	Function controls and display
4	Filter Cover	Remove this panel to change filters
5	Flow Control Valve	On / Off and water flow adjustment
6	Bottom Panel	Covers bottom of ionizer
7	Key Hole Slots	For wall-mounting (optional)
8	Fuse Holder	For replacing fuse
9	Volume Control	Adjust volume of voice confirmation
10	Tap Water Inlet	Tap water supply
11	Acidic Water Outlet	For acidic water.

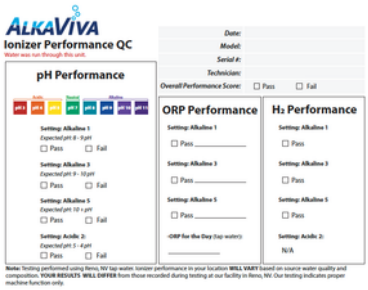
Control Panel Overview





Included Accessories

Before you start, please check to ensure you have all the accessories pictured below.



☐ Ionizer Performance QC Card



☐ Stainless Steel Flexible Hose



☐ Teflon Tape



☐ Wall Mounting Kit & Red Safety Clips



☐ Spare Fuel (3A/110V)



☐ Diverter w/ Adapters



☐ Pressure Reducer (Optional / See Page 6)



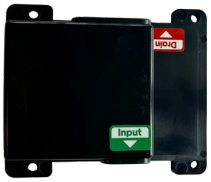
☐ pH Reagent



☐ Quick Connect Collet Tool



☐ Inline Sediment Pre-Filter

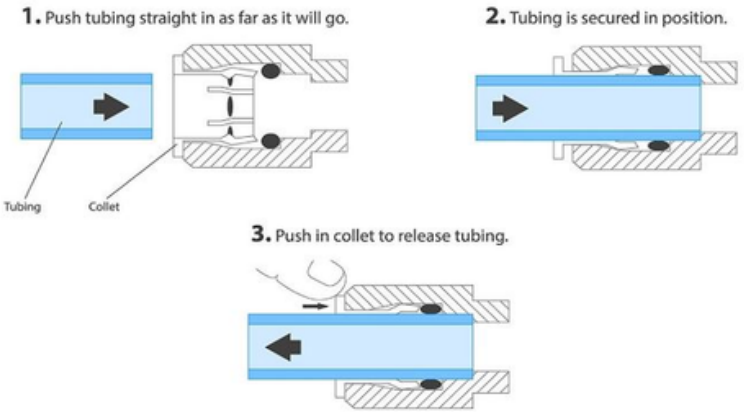


☐ Bottom Panel Cover

Not pictured: 1/4" White Tubing and 1/8" Gray Tubing. These hoses are preinstalled to your ionizer for easy installation.

Quick Connect Operation

Notice!
This installation uses quick-connect fittings. Refer to the diagram for proper use and operation.



Installation Method #1: At the Sink, with a Diverter

Tools You Will Need:

- Standard pliers or channel locks
- A sharp knife or a good pair of kitchen scissors

1. Attach Diverter to Tap
Remove the faucet aerator (pliers may be needed) and screw on the diverter valve. Use included adapters if needed, and wrap threads with Teflon tape to prevent leaks.

2. Connect White Hose to Diverter (Fig. 1)
Measure and cut the 1/4" white hose to reach the diverter with a little slack. Slide the compression nut onto the hose, push the hose firmly onto the diverter nipple, then tighten the nut (do not over-tighten).

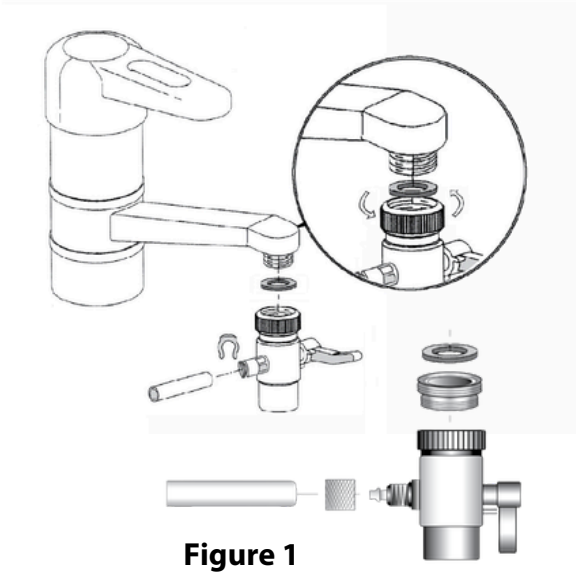


Figure 1

3. Position Ionizer Set on a hard, level surface (see installation precautions).

4. Position Gray Acidic Water Outlet Hose The gray hose is pre-installed. Place its free end into the sink for drainage.

5. Connect Power Cord Plug into a grounded outlet.

6. Install Stainless Steel Spout Screw the spout clockwise into the top port. Do not over-tighten.

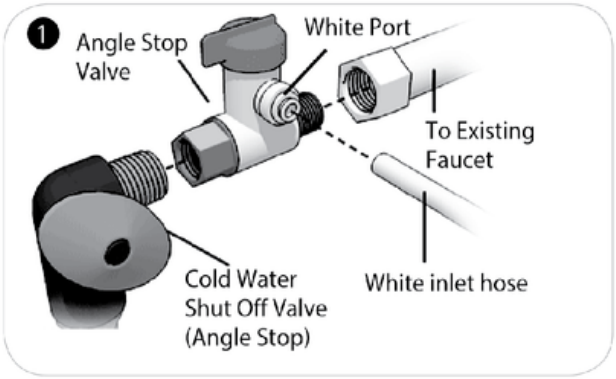
Installation Method #2: At the Sink, Direct Plumb

Tools You Will Need:

- Wrench
- Pliers
- Drill with 1/4" or 5/16" bit

Note: this installation method requires an Angle Stop Adapter. This part is available upon request from Customer service, or can be purchased at a local hardware store.

1. Install Angle Stop Adapter Shut off the cold-water supply. Disconnect the flexible supply line and install the Angle Stop Adapter (fits 1/2" and 3/8" lines). Keep the blue knob in the OFF position. For copper lines, consider replacing with a flexible line for easier installation (Fig. 1).



2. Connect White 1/4" Hose to Angle Stop Adapter Push the free end of the white hose firmly into the white port of the Angle Stop Adapter. Tug gently to confirm it's secure. Route the hose to the ionizer through an existing cutout or a drilled 1/4" hole.

4. Position Ionizer Set on a hard, level surface (see installation precautions).

5. Position Gray Acidic Water Outlet Hose The gray hose is pre-installed. Place its free end into the sink for drainage.

6. Connect Power Cord Plug into a grounded outlet.

7. Install Stainless Steel Spout Screw the spout clockwise into the top port. Do not over-tighten.

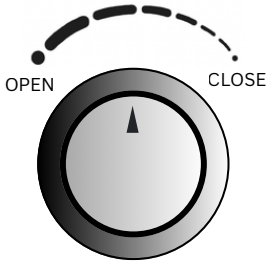
Note: If your ionizer displays the error code A0F, this may be caused by excessive water pressure. Some areas have very strong water pressure, which can prevent the ionizer from operating correctly.
Install the Pressure Reducing Valve (PRV) to lower the water pressure to the appropriate level. This should resolve the error and ensure proper function of your ionizer.

Optional: Installing the In-Line Sediment Filter

Use the In-line Sediment Filter if your faucet aerator clogs often, indicating sediment in your water. Every ionizer includes one. Install it on the 1/4" white tubing between the water source and tap inlet, following the arrow for flow direction. Cut tubing as needed.



Operating Your Ionizer (Installation Method #1)



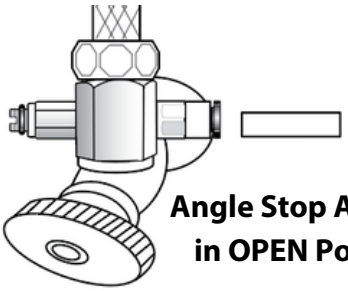
1. Open Flow Control Valve Use the valve on the front of the ionizer (OPEN / CLOSE positions). Start halfway between OPEN and CLOSE.

2. Turn on cold water and flip the diverter so water runs through the ionizer. The control panel will illuminate and water will flow from both hoses. The Digital Filter Life Indicator will begin to register numbers and you will hear your ionizer's "voice" announcing the mode of operation. For instance: "Alkaline Level 2 selected".

3. Adjust Flow Rate Set Use the Flow Control Valve to see the difference between a trickle and full flow. For hydrogen-infused ionized water, begin in the normal / optimum range.

4. Turn off the water ionizer. Close the Flow Control Valve and flip the diverter so water runs through your faucet. Note, normal dripping may occur as air is expelled from the ionizer. This should normalize after approximately 30 gallons of use.

Operating Your Ionizer (Installation Method #2)



Angle Stop Adapter in OPEN Position

1. Turn on Water Supply Open the Angle Stop Adapter (blue knob parallel to 1/4" hose).

2. Open Flow Control Valve Use the valve on the front of the ionizer (OPEN / CLOSE positions). Start halfway between OPEN and CLOSE. The control panel will illuminate and water will flow from both hoses. The Digital Filter Life Indicator will begin to register numbers and you will hear your ionizer's "voice" announcing the mode of operation. For instance: "Alkaline Level 2 selected".

3. Adjust Flow Rate Set Use the Flow Control Valve to see the difference between a trickle and full flow. For hydrogen-infused ionized water, begin in the normal / optimum range.

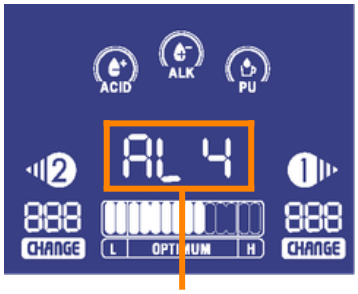
4. Turn off the water ionizer. Close the Flow Control Valve. Note, normal dripping may occur as air is expelled from the ionizer. This should normalize after approximately 30 gallons of use.

Note: When you first run water through your ionizer, and when you replace filters, the water may appear light charcoal gray due to harmless carbon dust. This is normal for all carbon filters. Run water in PURIFIED mode for 1–2 minutes until clear.

Selecting Alkaline Water

Alkaline water flows from the top stainless steel spout, while acidic water exits through the gray hose. Both spouts dispense water simultaneously on all H2 models.

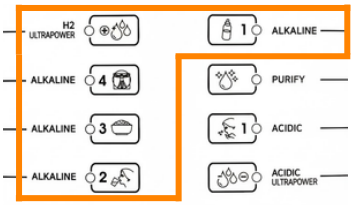
- **Start Flow: Open the Flow Control Valve.** Ensure the display shows OPTIMUM for peak performance.
- **Select Level: Press an ALK button (1–5).** A voice prompt will confirm your selection (1 is weakest, 5 is strongest).
- **Automatic Memory:** The unit restarts at your last setting (ALK 1–4). If you used ALK 4, it defaults back to your previous lower setting.
- **Monitor Flow:** Keep the indicator on OPTIMUM to ensure the best pH, hydrogen levels, and taste.



This value will change, depending on the alkaline setting you have chosen.

H2 UltraPower Operation

- **Activation**: With water flowing, press H2 ULTRAPOWER on the control panel.
- **Timer**: The mode runs for 60 seconds, shown via a countdown timer on the top-right display.
- **Auto-Revert**: After 60 seconds, the unit automatically switches to "Filtered" mode.
- **Repeat**: You can reactivate H2 ULTRAPOWER immediately and as often as needed.

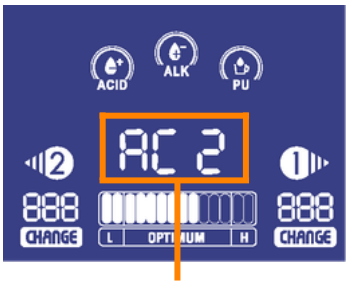


Alkaline Level 1-4 & H2 UltraPower Buttons

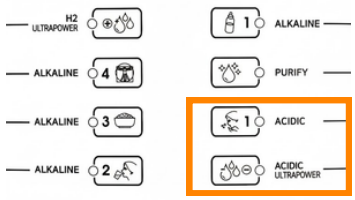
Selecting Acidic Water

When selecting acidic water, it flows from the top stainless steel spout while alkaline water flows from the gray hose. All H2 models dispense from both spouts simultaneously.

- **Start Flow:** Open the Flow Control Valve. The panel will display ACIDIC; maintain the OPTIMUM flow range.
- **Select Level: Press an ACIDIC button (1–2).** A voice prompt confirms your choice (1 is mild, 2 is strong).
- **Memory Reset:** Unlike Alkaline modes, the ionizer will not stay on Acidic. The next time you turn it on, it defaults back to your last ALK 1–4 setting.
- **Monitor Flow:** Ensure the display stays on OPTIMUM for the most effective acidic pH levels.



This value will change, depending on the acidic setting you have chosen.



Acidic Level 1 & Acidic H2 UltraPower Buttons

Acidic UltraPower Operation

Preparing the Unit

- Remove the right-side Pre-Filter from the ionizer (Figure 1).
- Unscrew the filter cap on top.
- Insert one Salt Capsule into the opening.
- Screw the cap back on and reinstall the filter.

Activating UltraPower

- Turn on the water.
- Select ACIDIC ULTRAPOWER on the control panel.
- The unit runs for 60 seconds.
- A countdown timer appears in the upper-right corner.

After the Cycle

- The ionizer will automatically return to Filtered mode after 60 seconds.
- One Salt Capsule is used per cycle.

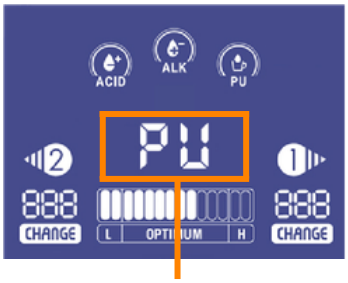


Figure 1
Remove the filter cap
by turning counterclockwise.

Selecting Purified Water

When you select Purified Water, it will flow through the Flexible Stainless Steel Spout at the top, and through the gray hose. All H2 models dispense water from both spouts simultaneously.

- **Turn on the water** Open the Flow Control Valve. The control panel will light up and display PU.
- **Select Purified Water** Press the Purify button. The display will show PU, and you'll hear "Filtered Water Selected."
- **Automatic Memory** The ionizer remembers your last setting (except ALK 5). If Purified was used, the next time you start the unit it will return to your previous ALK 1–4 level.



PU will always appear



Purified Water Button

Manually Adjusting the Power

AutoAdjust fine-tunes performance automatically, but you can manually increase or decrease power based on your water quality. Adjusting the power for each Alkaline or Acidic level allows for stronger or more precise results.

How to Adjust Power

1. Turn on water flow using the Flow Control Valve or Diverter.
2. Select the level you want to adjust (example: ALK 5).
3. Press and hold that level button until the display changes.
   - First digit = Level (example: 5 = ALK 5)
   - Second digit = Power setting (1–4, lowest to highest)
   - Press the same button again to cycle through power levels.
4. Press Purify to save. The ionizer will remember your setting.
5. Repeat for any other Alkaline or Acidic levels if needed.



Figure 1

Replacing the Filter(s)

Replace your filter when the Filter Life Indicator shows 999 (UltraWater and Pre-Filters) or 500 (Fluoride and .01M Well Water Filters). The indicator will show which filter (1 or 2) needs replacing. It tracks total gallons used, including both alkaline and acidic water.

Note: Filters may run about 200 gallons beyond their indicated life, after which ionization stops until replaced. Order replacements in advance.

If water quality changes—such as odor or reduced flow—change the filters. Filter life may be shorter with sediment, impurities, low water pressure, or untreated water (e.g., private wells).

Open Both Filter Covers (Fig. 1)



Fig. 1

Press the white button to unlock the cover. It is in the middle of the bottom fo the cover.

Remove the Cover (Fig. 2)

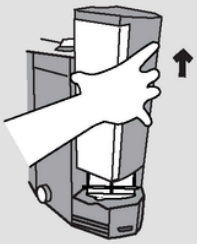


Fig. 2

With the cover unlocked, lift it straight up.

Remove the Old Filters

Unplug the wire harness at the top of the filter. Twist the expired filter counterclockwise and lift out.

Remove the protective sticker on the base of the new filters.

Install New Filters (Fig. 3)



Fig. 3

Make sure each filter is in the correct position: Pre-Filter/Fluoride on the right, Main filter on the left. Insert into the base, twist clockwise to lock, and check for leaks.

Install New Filters (Fig. 4)

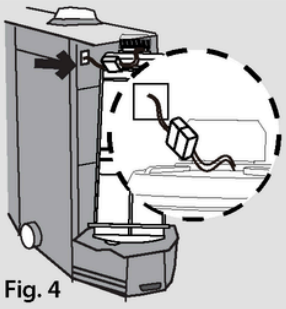


Fig. 4

Reconnect the wire harness to the new filters.

This will reset the filter indicator to 0.

Install New Filters (Fig. 5)

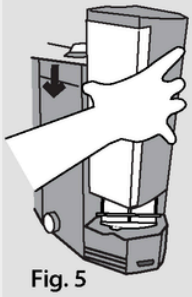


Fig. 5

Close the covers by lining up the vertical edges and slide down until you feel / hear the cover lock.

Always flush your new filters using the Purified setting for 1-2 minutes or until water runs clear.

Troubleshooting

Abnormal Condition	Possible Cause(s)	Resolution
The control panel does not come on.	The power plug is not properly inserted, or it is inserted into a faulty outlet.	Properly insert the power plug into a correctly functioning power outlet.
The control panel / display indicators do not come on after starting water flow through the ionizer.	The fuse is blown or inserted improperly.	Replace the fuse (spare included).
	Faulty flow sensor or circuit board.	Immediately unplug the unit and contact AlkaViva to arrange service.
pH test shows little or no change in color.	Reagent has expired or is out of date.	Replace reagent.
Power supply is suddenly cut off while operating unit.	Electrical problems, including safety fuses and switches.	Check your power outlet or replace fuse.
	High level of TDS or salt in the water, extended time of operation, sudden change in electrical current. In these cases, your machine may shut down to protect internal components.	The AutoAdjust feature has built-in protection from extended use or high TDS. Wait 30 - 60 minutes and try to operate your ionizer again.
Low or slow flow of alkaline water from the ionizer.	Clogged filter. May be caused by sudden drop in water quality and influx of sediment, or other contaminants.	Replace filter(s). Clean your inline pre-filter.
	Low pressure in your household plumbing.	Ensure water supply valves are fully open. Increase water flow from supply.
	Input tubing that's bent, kinked, or otherwise obstructed.	Straighten the bent, kinked, or otherwise obstructed tubing.
No acid water from the acidic outlet port (gray tubing).	Acidic output hose is bent, kinked, or otherwise obstructed.	Straighten the bent, kinked, or obstructed tubing. Increase water flow.
Water leaking from the filter cartridge housing.	Filter not installed correctly in filter housing.	Remove and reinstall filter. Increase flow from supply.
Water appears milk-ish or white, snow-like particles in the bottom of your glass.	High levels of hardness (calcium, magnesium) in your water The white is extracted as CaCO3 (Calcium Carbonate).	This is calcium, a harmless and beneficial mineral. The ionizer separates and condenses alkaline minerals, which is what you see here. In hard water areas this may be more noticeable. To reduce, lower the setting to 1–2.

Troubleshooting (cont'd)

Abnormal Condition	Possible Cause(s)	Resolution
No odor is present initially, but alkaline water develops a smell.	Expired filter.	Replace filter(s).
	Your water bottle, or receptacle may be dirty and requires cleaning.	Clean your water bottle / receptacle.
Strange smell from alkaline water.	Expired filter from ordinary use, or clogging from change in water quality,	Replace filter(s).
	Sudden change in water quality with elevated level of some disinfectants and naturally occuring elements in th water (not chlorine). These elevated levels are observed in some areas during the summer months. These levels fall within safe drinking water standars, yet will cause a reaction with ionized water, causing a unique smell.	Select a lower pH level. if the smell is still present, you may consider replacing your filter.
A0F Error on Display	Water Pressure is too high	Install the Pressure Reducing Valve (PRV) on the 1/4" White Tubing



Do not attempt to repair your ionizer yourself. Doing so will void your valuable warranty. Call (775) 324-2400 or email techsupport@alkaviva.com