Olympia H2 Undersink 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

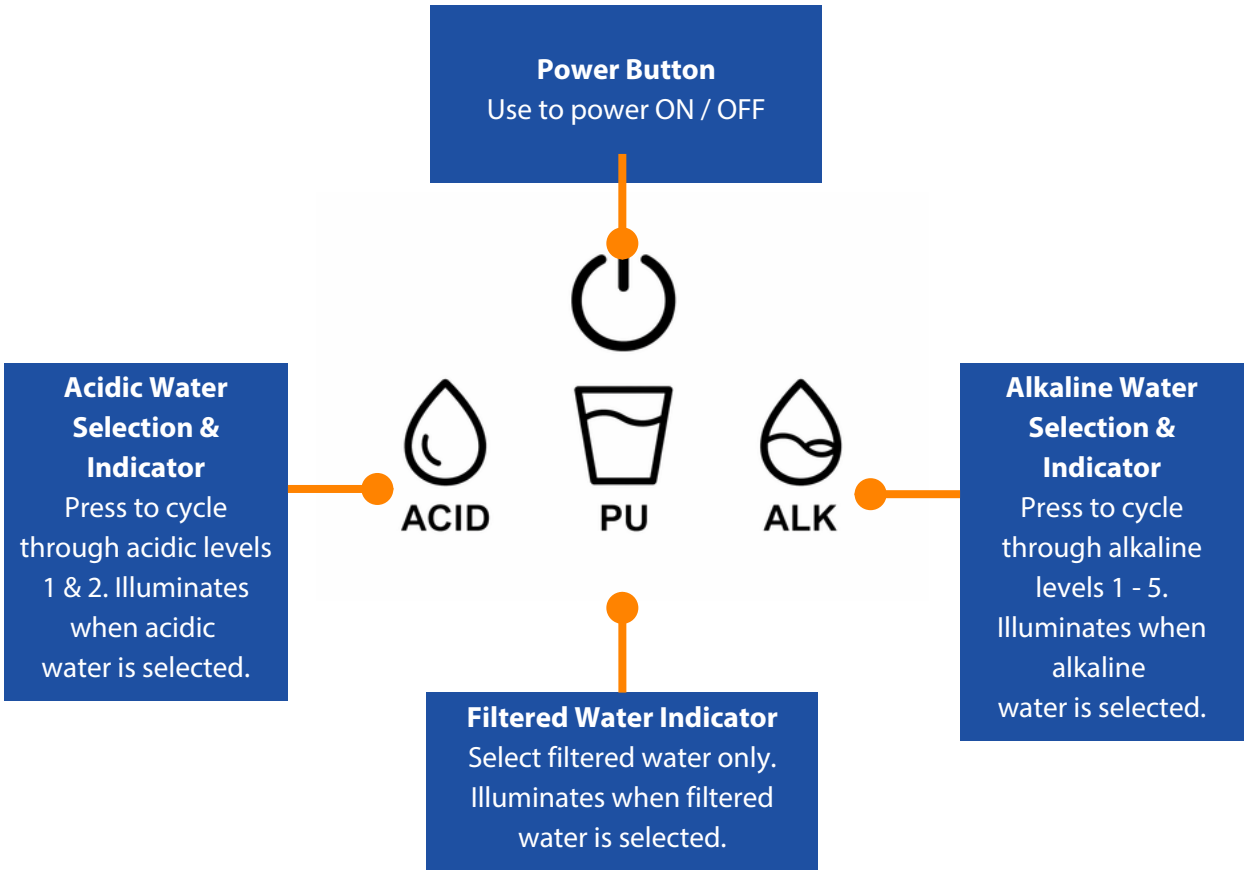
- Do not attempt to repair or service the unit yourself, or you will void your valuable warranty. Contact AlkaViva to arrange repair.
- Do not run your ionizer on 220V or other power. It is designed for 110V power.
- Do not touch the power cord with wet hands.
- Do not operate your ionizer with a damaged 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



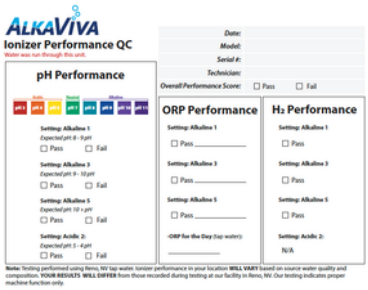
#	Name	Description
1	Top Spout	Connects via adapter to the Delphi faucet
2	Filter Panel(s)	Remove to replace filters
3	Bottom Panel	Covers bottom of ionizer
4	Top Spout Adapter	Connects to top spout to supply alkaline water to unit
5	Key Hole Slots	For *optional* wall-mounting
6	Fuse Holder	For replacing fuse
7	Volume Control	Adjust voice confirmation volume
8	Data Cable Connection	Communication between base and faucet
9	Control Panel	Function Control & ON/OFF
10	Display & Filter Indicator	Indicates selected water and filter readout
11	Top Long Spout	Dispense selected water (ALK / ACID / PU)
12	Bottom Short Spout	Dispense opposite stream (e.g., alkaline → acid)

Faucet Control Panel Overview



Included Accessories

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



☐ Ionizer Performance QC Card



☐ Teflon Tape



☐ Wall Mounting Kit & Red Safety Clips



☐ Spare Fuel (3A/110V)

☐ Angle Stop Adapter



☐ Pressure Reducer (Optional / See Page 7)



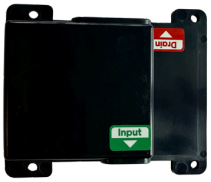
☐ pH Reagent



☐ Quick Connect Collet Tool



☐ Inline Sediment Pre-Filter

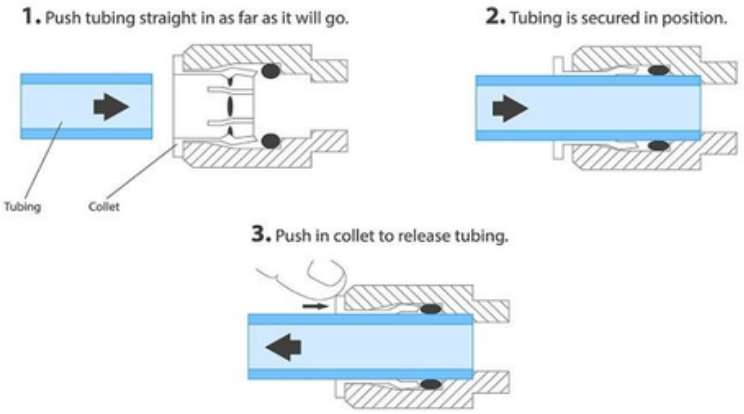


☐ Bottom Panel Cover

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 may require use of Quick Connect fittings. Refer to the diagram for proper use and operation.



Installing Your Delphi H2

Tools You Will Need:
- Standard pliers or channel locks
- A sharp knife or a good pair of kitchen scissors

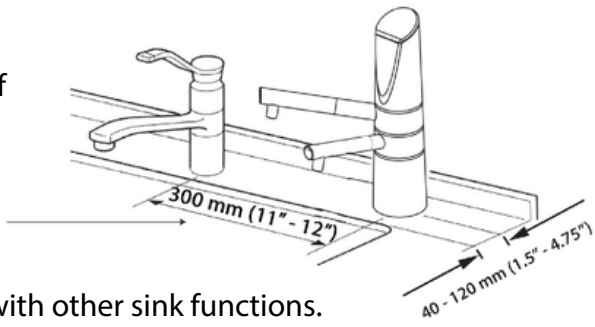
Important! Remove all plugs prior to installation:
- Rubber Plug at Alkaline Spout
- Sleeve Plug at Acidic Elbow
- Quick Connect Plug at Tap Water Inlet (See diagram above)

1. Install the Delphi Faucet at your sink.

Preparing the Delphi Faucet Installation Hole (1.4" or 35 mm)

IMPORTANT:
If no existing hole is available, we recommend hiring a licensed professional—especially for granite, marble, or natural stone countertops.

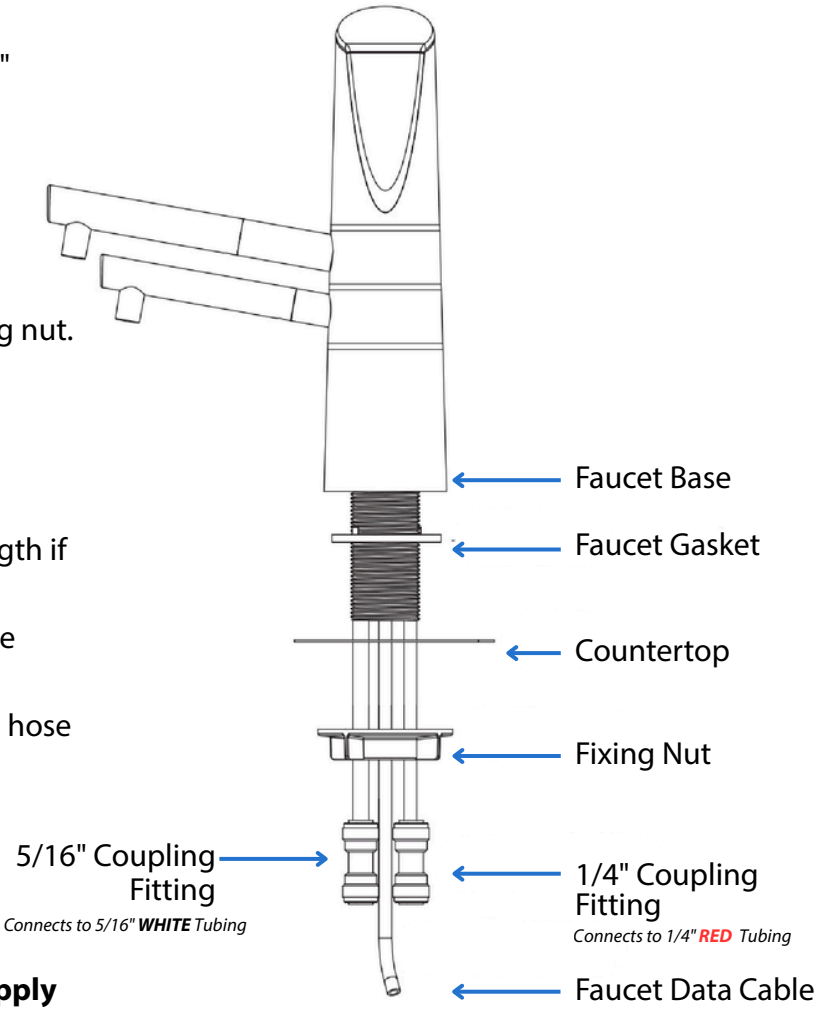
CAUTION:
Ensure the threaded faucet base does not touch the underside of the sink bowl. Leave enough clearance so the fixing nut can fully tighten without obstruction.



A. Faucet Placement
- Choose a location that is easy to use and does not interfere with other sink functions.
- Position the faucet:
  - 40–120 mm (1.5"–4.75") from the sink
  - ~300 mm (11"–12") from the main kitchen faucet
  - Confirm both spouts can comfortably reach the sink.

B. Preparing the Faucet

- Connect the 5/16" **white** tubing to the 5/16" coupling on the faucet.
- Connect the 1/4" **red** tubing to the 1/4" coupling on the faucet.
- Feed the red/white tubing and data cable through the gasket and countertop hole.
- Insert the faucet and secure it with the fixing nut.

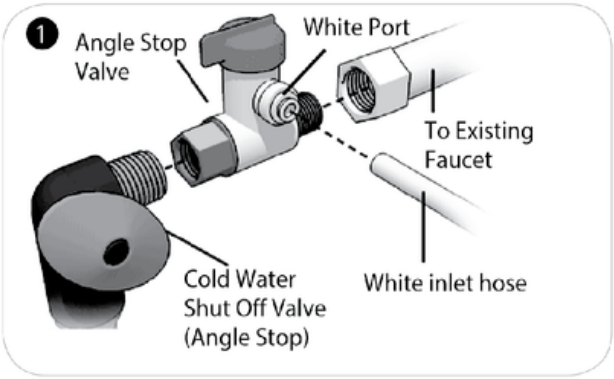


CAUTION

- Ensure all tubing is free of bends, kinks, or restrictions.
- Tubing may be trimmed to the required length if too long.
- After installation, confirm all connections are secure.
- Use the provided safety clips to secure each hose connector.
- Do not tilt the main unit after tubing installation is complete.

2. Install angle stop adapter to cold water supply

- First, shut off water. Locate the cold-water line and turn off the supply at the angle stop valve.
- Next, disconnect the flexible supply line from the angle stop.
- Attach the angle stop adapter using the included fitting (compatible with standard 1/2" and 3/8" plumbing).
- Ensure the adapter is in the **OFF** (closed) position. (Blue knob parallel to the body of the adapter.)
- Keep the cold water supply turned off.
- Insert the 1/4" white inlet hose into the white port on the adapter.
- Push firmly, then gently tug to confirm it is securely connected.



3. Tubing & Final Connections

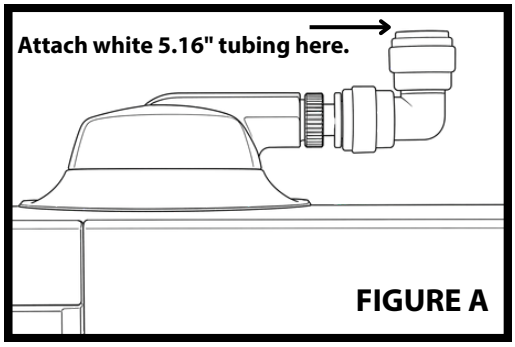


FIGURE A

A. Connect Alkaline Tubing (5/16") - FIGURE A

Attach the white 5/16" tubing from the Delphi faucet to the alkaline elbow on the top spout adapter. Push firmly into the fitting, then gently tug to confirm a secure connection.
Tubing may be trimmed if needed.

B. Connect Tap Water Inlet (1/4") - FIGURE B(1)

Attach the white 1/4" inlet tubing from the angle stop adapter to the tap water inlet on the bottom of the ionizer. Push firmly into the port and gently tug to confirm it is secure.

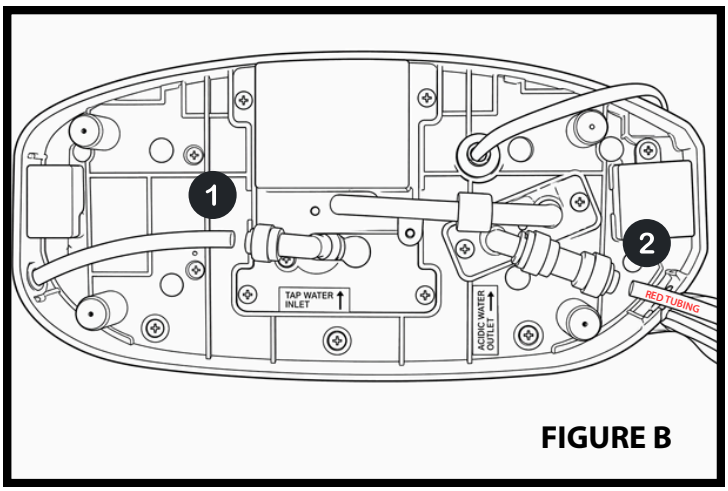


FIGURE B

C. Connect Acidic Tubing (1/4") - FIGURE B(2)

Attach the red 1/4" tubing from the faucet to the acidic outlet on the bottom of the ionizer.
Gently tug to ensure a secure connection.

D. Connect Data Cable - FIGURE C

Plug in the data cable (1) and install the connector cover plate (2).

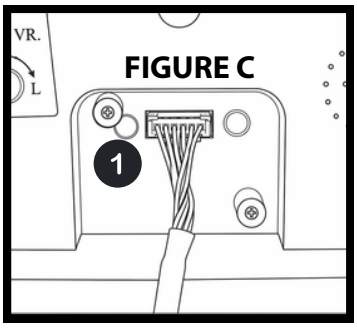


FIGURE C

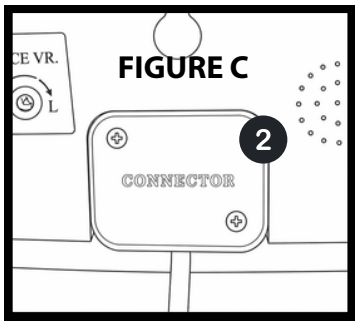


FIGURE C

E. Power On

Plug the unit into a properly grounded outlet and power on the ionizer

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.

⚠ CAUTION ⚠

If any of the following occur, stop immediately:

- Control panel does not light up
- Water flows before power is pressed
- Water flows from only one spout
- No voice prompt
- Any abnormal operation

Turn off the water and restart installation.

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 included 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 included In-line Sediment Filter if you have 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.



Selecting Alkaline Water

When you select the ALK button, alkaline water flows through the long top spout of your Delphi faucet, while acidic water fill flow through the short bottom spout. Both spouts dispense water simultaneously on all H2 models.



- **Start Flow: Press the POWER button on the Delphi faucet control panel.** The control panel will light up.
- **Select Level: Press the ALK button to cycle to the level you wish to use (1–5).** The level you have selected will show on the faucet display. 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.

H2 UltraPower Operation

- **Activation**: With water flowing, cycle to ALK 5 on the faucet.
- **Timer**: The mode runs for 120 seconds, shown via a countdown timer on faucet display.
- **Auto-Revert**: After 120 seconds, the unit will power off.
- **Repeat**: You can reactivate H2 ULTRAPOWER immediately and as often as needed.

Selecting Acidic Water

When you select the ACID button, acidic water flows through the long top spout of your Delphi faucet, while alkaline water fill flow through the short bottom spout. Both spouts dispense water simultaneously on all H2 models.



- **Start Flow: Press the POWER button on the Delphi faucet control panel.**
- The control panel will light up.
- **Select Level: Press the ACID button to cycle to the level you wish to use (1–2).** The level you have selected will display on the faucet. 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.

Acidic UltraPower Operation

Preparing the Unit

- Remove the right-side Pre-Filter from the ionizer (Figure D), and unscrew the filter cap on top.
- Insert one Salt Capsule, or coarse salt into the opening.
- Screw the cap back on and reinstall the filter.

Activating UltraPower

- Turn on the water.
- Cycle to ACID 2 on the control panel.
- The unit runs for 120 seconds.

After the Cycle

- The ionizer will automatically power off.



FIGURE D
Remove the filter cap
by turning counterclockwise.

Selecting Purified Water

Purified water is filtered only. When selected, it will flow through the the long top spout of your Delphi faucet, and through the short bottom spout. All H2 models dispense water from both spouts simultaneously.



- **Start Flow: Press the POWER button on the Delphi faucet control panel.** The control panel will light up.
- **Press the PU button to select purified water.** The letters PU will display on the faucet. A voice prompt confirms your selection.

Manually Adjusting the Power *(Optional)*

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. This is an optional adjustment. If you are unsure what's best for you, please contact us.

How to Adjust Power

1. Turn on the Delphi by pressing the power button on the faucet.
2. Select the level you want to adjust (example: ALK 5).
3. Press and hold that level button until the display changes and looks like Figure E.
   - First digit = Level (example: 5 = ALK 5)
   - Second digit = Power setting (1–4, lowest to highest)
   - To raise or lower the power settings, press the same level button again to cycle through power levels (in this example, ALK).
4. Press PU to save. The ionizer will remember your setting.
5. Repeat for any other Alkaline or Acidic levels if needed.

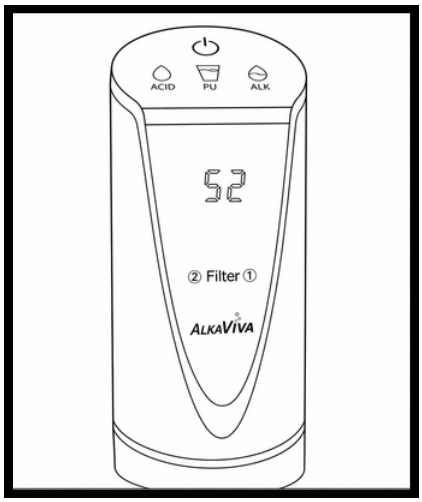


FIGURE E

Adjusting the Volume

To lower the volume: Use a small Phillips screwdriver to rotate the volume control screw clockwise.

To increase the volume: Use a small Phillips screwdriver to rotate the volume control screw counter-clockwise.

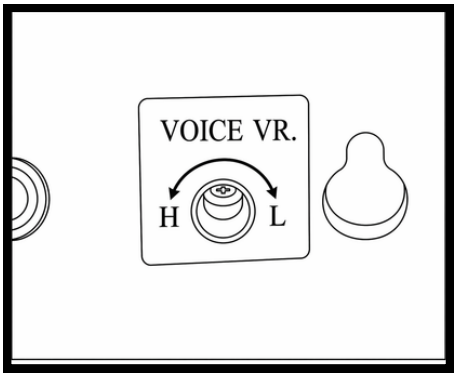


FIGURE F

Replacing the Filter(s)

IMPORTANT! Do not place the machine face down or on its side when changing filters. 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 water will still flow through the unit, but ionization will stops until the filters are 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)

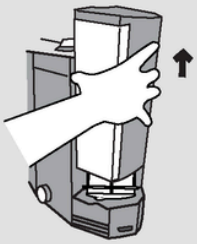


Fig. 2

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)

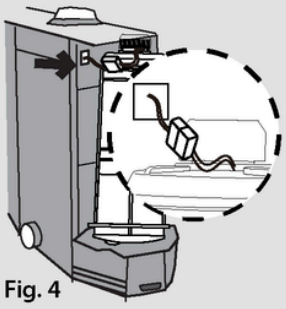


Fig. 4

Reconnect the wire harness to the new filters.

This will reset the filter indicator to 0.

Install New Filters (Fig. 5)

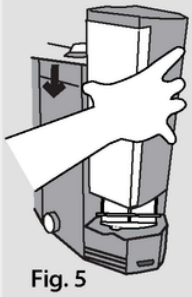


Fig. 5

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.	AutoAdjust protects against extended use or high TDS. Wait 30–60 minutes, then try again. **Note:** the Delphi will run continuously for 4 minutes before auto shut-off.
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 water from the short spout of the faucet.	Hose is bent, kinked, or otherwise obstructed.	Straighten the bent, kinked, or obstructed tubing under the sink.
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

Other Resources

Ionizer Performance Factors

How to Measure pH

Getting Started Drinking Alkaline Water

Healthy Home Uses for Alkaline & Acidic Water