



LIFE Fuzion™

Portable Ionizer

USER MANUAL



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Parts Guide

Power Cord



Filter



1/4 inch line



pH Testing Drops



Water Diverter Valve



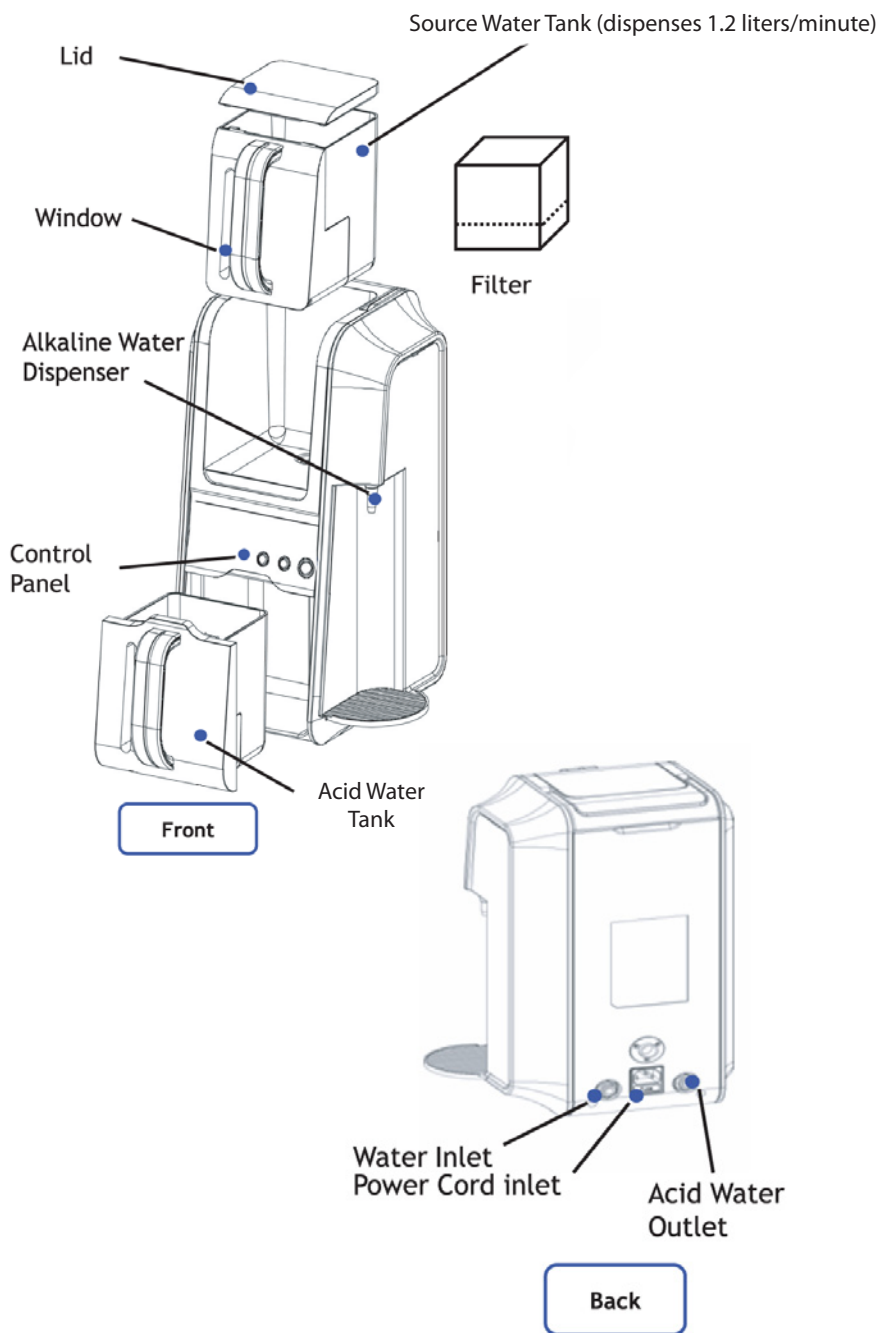
Connectors



User Manual



LIFE FUZION™ Portable Ionizer



Features

Main Features

- Can connect to your tap like a traditional water ionizer, or you can pour water directly inside!
- It has three levels of alkaline water and three levels of acidic water.
- It's portable and has a built-in handle on top so you can take it on vacation, to work, camping, and more!
- It has four patented slotted platinum titanium plates making it the most powerful portable water ionizer in the world.

Filtration

- When you pour water inside, the LIFE Fuzion™ uses its own activated carbon filter to remove 99.9% of the chlorine from your water.
- When you hook it up to your tap, it uses a sophisticated filter body that you can customize with the filters you need to treat your tap water.

Design

- The LIFE Fuzion™'s design and white and silver coloring is inspired by European design, making it more attractive than the average water ionizer.

Acid Water

- The LIFE Fuzion™ has a separate container for collecting acid water so it's easy to use on your plants, countertops, sponges, or anything else in need of sterilization.

SMPS

- The LIFE Fuzion™ uses the efficient SMPS electrical system, which reduces heat and increases the lifespan of the components. Every other portable water ionizer uses a transformer, which shortens the lifespan of the ionizer.



Specifications

Product Approval Code		
Item		LIFE Fuzion™ Portable Ionizer
Item No		PWI-2100
Standard voltage and frequency		AC 100–240V~ 50/60Hz Free Voltage
Electrical Consumption		MAX 90W
Body	Dimension	14.9 inches tall, 7.4 inches deep, 7.9 inches wide
	Weight	8.2 pounds
Source Water Temperature Range		41 to 98.6 F
Composition and Water Supply Type		Fill the water in a water tank or Direct connection to tap water
Alkaline Water Flow Rate		1.2 liters per minute
Acid water flow rate		0.9 liters per minute
Controlling Method		Touch Buttons
Electrolysis	Electrolysis Method	Ion diaphragm electrolysis method
	Cleaning system	Acid water wash.
	Plate Materials	Titanium coated by platinum (TM MESH ELEMENT)
	Levels of Electrolysis	3 alkaline, 3 acid
Length of power cord		About 1.2m



Safety Guide



Please read these safety tips and precautions very carefully. Misuse of the LIFE Fuzion™ could result in damage to the machine or bodily injury.

Safety Instructions

- Be sure to dry your hands before inserting or removing the electrical plug.
- As with most electrical appliances, electrical parts in this ionizer are electrically live even when the switch is off.
- Your LIFE Fuzion™ is designed to only operate with 100 ~240V(50~60Hz). If you try to plug it in to higher than 240V, you will destroy your unit and possibly cause an electrical shock or fire. This will not be covered under the warranty.
- Power cord should be plugged directly into an electrical outlet.
- Do not connect multiple appliances into a single power receptacle.
- Dusty or dirty electrical outlets may cause safety issues.
- Bending, twisting, pulling or putting heavy objects onto the power cord may cause electrical problems including fire.
- If power cord, plug, or electrical outlet are damaged, discontinue use immediately.
- Do not place the machine in humid areas such as bathrooms. Do not clean this machine by spraying the ionizer with water as it may cause electrical shock.
- Do not bend or forcefully remove the LIFE Fuzion™ plug from an outlet. If there is a problem, please call an electrician.
- If the ionizer machine falls into water, unplug the power cord, wipe down the machine and call technical support at 866.321.3116. Do not attempt to fix it yourself.
- When drinking ionized alkaline water, do not take prescription drugs or other medications for approximately one hour before and after drinking water.

- Do not attempt to move the LIFE Fuzion™ while it is operating. You may damage the unit.
- Unplug your LIFE Fuzion™ when you aren't going to use it for long periods of time to save on your power bill.
- Do not collect or use the water produced while the LIFE Fuzion™ is performing its cleaning cycle.
- It's best to drink alkaline water as soon as it is made. However, if you wish to bottle the alkaline water, use a resin, glass or stainless steel bottle (never plastic) and keep it in a cool place like a refrigerator. Alkaline water can be stored for up to three days this way.
- Do not put alkaline water in a fish tank as it could kill your fish.
- Keep the pH testing drops in a safe place away from children. If a child drinks any of the pH testing drops, call 911 immediately.
- If you have achlorhydria, please consult a doctor before drinking alkaline water.
- Don't drink the acidic water.

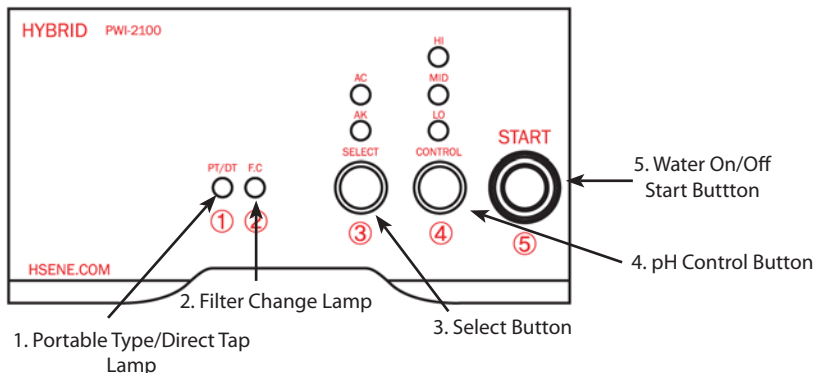
GROUNDING INSTRUCTIONS - This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The cord has an appliance-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

WARNING - Improper connection of the appliance-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified technician.

Operating Instructions

Make sure you soak the filter upright for 15 minutes prior to use.

How to use the Control Panel



1. If the lamp is RED, your LIFE Fuzion™ is set for tap hookup. If the RED lamp is off, your LIFE Fuzion™ is in portable mode. To switch between these two options, hold the Control and Select buttons simultaneously for five seconds.
2. This is the filter lamp. If it flashes, you need to change the filter. Make sure you soak the new filter upright for 15 minutes prior to use. The LIFE Fuzion™ filter is good for approximately 300 liters, so you should change it about once every three months based on using it an average of three liters a day. After replacing the filter, hold the Start and Select buttons down simultaneously for five seconds to reset the filter life lamp.
3. The Select button is for switching between alkaline and acidic water. Blue is alkaline, and red is acidic.
4. The pH Control button switches between high, medium, and low ionization strength. The high setting is the strongest water.
5. Water On/Off Start button. Push this button once to release water into your cup. Press it again to turn the water off.



NOTE: If your acid water tank is full, the Start button will flash and the LIFE Fuzion™ will not operate until you empty the tank.

Portable Mode

1. Plug your LIFE Fuzion™ into the appropriate power outlet. You will hear a buzzer indicating the LIFE Fuzion™ is ready to use.
2. Select the type of water you wish to make (alkaline or acid) by pushing the Select Button. Blue is alkaline and red is acidic.
3. Select the ionization strength by pushing the pH Control button. The levels are high, medium or low.
4. Fill the Source Water Tank up to the water level line with tap water, mineral water, or filtered water.
5. Return the Source Water Tank to the LIFE Fuzion™.
6. Select the pH that you want. For drinking water, select "M" for medium.
7. Put a glass on the cup pedestal.
8. Press the Start button and the LIFE Fuzion™ will automatically dispense 4.5 ounces of water. If you hold the Start button, you will hear two chimes and then the LIFE Fuzion™ will dispense water indefinitely until you press the Start button again to stop it.
9. When the alkaline water dispenses into your glass, the acidic water will collect in the bottom tank.
10. Use the acidic water on your skin, your plants, and on your countertop.

Standard Mode (connecting to your cold water line)

1. Attach the provided Water Diverter Valve to your cold water line under your sink by locating the cold water line which is usually on the right.
2. Turn off the water on your cold water line by turning the knob to the right.
3. Unscrew the hose attached to your cold water line.
4. Screw in the female side of the Water Diverter Valve to your cold water line. Then screw the hose into the male side.
5. Find the provided 1/4" line and plug it in to the outlet on the Diverter Valve.

6. Locate a good place on your countertop for the filter box.
7. Run the 1/4" line to the filter box and then cut it.
8. Attach the cut end of the 1/4" line to the inlet of the filter box.
9. Now attach the remaining 1/4" line to the outlet of the filter box.
10. Run this 1/4" line up through the utility hole of your sink, or through a drilled hole, to the LIFE Fuzion™ sitting on your countertop.
11. Cut the line and insert the cut end into the inlet of the LIFE Fuzion™.
12. Take the remaining length of the 1/4" line and attach it to the outlet of the LIFE Fuzion™.
13. Run this line to your sink and let it rest there. This is to drain the acid water.

There, all done! If you don't have any access between under your sink and your countertop and don't want to drill any holes in the countertop or wall, we do have faucet diverter valves available. Call your dealer and they will be able to assist you. If you choose to use a faucet diverter valve, the filter box will have to sit on your countertop next to the LIFE Fuzion™.



NOTE: If you're not going to use the LIFE Fuzion™ for a long period of time, please unplug it. If more than a week, you should change the filter before you resume using the LIFE Fuzion™.

Changing the Filter

When it's time to change the LIFE Fuzion™ filter, the filter lamp will blink blue.

Before inserting your new filter in the LIFE Fuzion™, soak filter upright in cold tap water for 15 minutes prior to use. After inserting the new filter, hold the Select button and Start button simultaneously for five seconds and this will reset your filter life.



Problem and Solution Chart

Problem	Reason	Solution
My alkaline water is white.	It's oxygen and hydrogen gas.	Drink it! It's great for you!
I press the Start button and no water is released.	<ul style="list-style-type: none">• May not be plugged in.• There may not be any water in the Source Water Tank.• One of the tanks may not be fully pushed into the LIFE Fuzion™	<ul style="list-style-type: none">• Check the plug.• Check the tanks.• Put water into the LIFE Fuzion™ Source Water Tank.
I'm pressing the pH Select button and the levels aren't changing.	Holding the button down continuously.	Release the button and then press it again.
The red lamp is flashing.	Either the acid water tank is full or it is not pushed all the way into the LIFE Fuzion™.	Empty the acid tank. Push the tank all the way into the LIFE Fuzion™.
The blue lamp is flashing.	This indicates the cleaning cycle needs to run.	Fill the Source Water Tank and press the Start button. This will initiate the cleaning cycle. When the cycle is complete, the blue lamp will stop flashing and you can use your LIFE Fuzion™.
No lamps are on or flashing even though the LIFE Fuzion™ is plugged in.	The LIFE Fuzion™ has gone into standby mode because it hasn't been used for one minute.	Press the Start button and it will turn on again.



Reference Guide

Helpful Tips

- Unlike purified water, there is no bacterial growth in alkaline water so it's safe to drink as much as you want.
- It's good to keep your alkaline water cold and in an airtight container. This will expand its life to as long as five days after making it. However, it's best to drink ionized water within the first twenty four hours to get the most antioxidants and strongest alkalinity.
- If you have a rash, use strong acidic water. This will cleanse it and ease irritation without the use of chemicals.
- If you have a bleeding wound, use strong acidic water. This will slow the bleeding and sterilize the skin.

Uses of Water

- Strong acidic water (about a 3.5 pH), serves as a disinfectant for sterilization.
- Medium acidic water (about a 5.5 pH), is best used as beauty water for your skin because of its natural astringent effect.
- Weak acidic water (about a 6.5 pH), is the perfect acidity for your houseplants and cut flowers.
- Neutral (filtered only) water, is neither alkaline or acid and it is good for the patient with stomach disease or for taking medications.
- Weak alkaline water (about a 8.5 pH), serves as a good first step when first drinking ionized water and is better for your children to drink.
- Medium alkaline water (about a 9.5 pH), is the best drinking water for the average adult.
- Strong alkaline water (about a 10.5 pH), is best for cooking, making tea and coffee.

Tips for Alkaline and Acidic Water

- It's very helpful to your body's natural detoxification process to drink one to two glasses of alkaline water before breakfast and before going to bed.
- You should drink at least half your body weight in ounces each day. For the average American, that's about ten 8 ounce glasses.

Safety and Usage Tips

- Check the pH of your LIFE Fuzion™ at least once a year with the pH testing drops to make sure it is operating correctly.
- Do not drink alkaline water stronger than a 10 pH.
- Let some water flow through the LIFE Fuzion™ first before drinking it to remove any stagnant water left in the lines.
- Do not drink acid water.

Benefits of Drinking Alkaline Water

- Creates more energy
- Provides superior hydration
- Better nutrient absorption
- Increases -ORP
- Anit-oxidants for anti-aging
- Greater metabolic efficiency
- Increases body's alkalinity
- Aids in weight loss





Frequently Asked Questions

Q: When filling the Source Water Tank, does it have to be filled up to the water level line?

A: No. It's okay to fill it up with less water. The LIFE Fuzion™ will function the same.

Q: Can I use hot water with my LIFE Fuzion™?

A: No. Hot water will damage the LIFE Fuzion™. Use only cold water.

Q: What are all the little bubbles in my glass of alkaline water?

A: These are helpful antioxidants in the form of hydrogen gas and oxygen. It's best to drink your glass of water quickly to make sure you get all these antioxidants into your body.

Q: How long does the alkaline water last?

A: About two days, but you should drink it within a day. After a day, much of the antioxidants and alkalinity have been lost.

Q: Why does the acid water smell? I thought it was filtered.

A: It is filtered but during the process of making acid water, hypochlorous acid is created which smells like chlorine.

Q: I've been using my LIFE Fuzion™ for a while now and I tested the pH and discovered it is a little weaker than when I first bought it. Why?

A: Minerals can sometimes build up on the plates reducing the ionization. You can clean the plates by diluting three capfuls of white vinegar to the Source Water Tank and then running it until it is empty. Remove the filter first.

Q: I take medications. What water is best to drink when I'm taking them?

A: We recommend drinking filtered only water instead of alkaline water when taking medications.

Q: Is it possible to make alkaline ice cubes?

A: Yes. Add alkaline ice cubes to your favorite drinks to make them healthier.

Q: When I washed my face, I drank a little acid water. Is it harmful?

A: No, not really. It's not as bad as drinking a soda!

Q: What is the best source water to use?

A: We recommend using mineral water because it is generally well filtered and minerally balanced to about a 7 pH, which is a great starting place. Tap water is not bad, but it varies greatly from state to state. Be sure to know whether your tap water is too hard or too soft as these conditions will reduce the performance of the LIFE Fuzion™.

Q: Why are there low, medium and high pH settings?

A: This is because there are many uses for the different types of water. Low alkaline level water is great for people just starting to drink ionized water. It is weak but still full of antioxidants which will allow your body to detoxify slowly instead of all at once.

After a week of drinking the low level alkaline water, move up to the medium level alkaline water. This is set at a 9.5 pH and -300 ORP, which we recommend as the best water for the average adult to drink. The strong alkaline water is used for cooking and making tea.

The low level acid water is the perfect level for watering your houseplants. The medium level acid water is a great beauty water for washing your face. The strong acid water can sterilize bacteria and viruses, so you can use it to clean your countertops.

Q: What should I expect from drinking Ionized Alkaline Water?

A: This will initially depend on what level of strength you begin drinking Ionized Alkaline Water. Ionized Water provides your body with lots of oxygen, which is why it gives us energy. Ionized Water is much smoother tasting than conventional water. It makes better coffee, tea, juice, etc. Ionized Alkaline Water is wonderful to cook with because it helps hydrate the food and bring out its flavor. However, other changes in your body will be much more subtle. If you have accumulated acid waste in your system, it probably took years for you to get into that condition and it will take some time to reverse it. As the body is slowly brought into pH balance by drinking Ionized Water, it will naturally begin to function more efficiently and problems will begin to correct themselves.

Q: Who should drink Ionized Alkaline Water?

A: People, pets and animals will all notice benefits from drinking Ionized Alkaline Water.

Q: Is there anyone who should not drink Ionized Alkaline Water?

A: Some people must start by drinking very small amounts of Ionized Alkaline Water, such as 8 oz. of strength level 1 (one) per day. This is especially true of the elderly who often have unfortunately allowed heavy metals and other toxins to accumulate in their bodies. Sometimes years of medication has accumulated in them as well. Children 3 years and younger should not drink Ionized Alkaline Water. They may only drink the purified water from the ionizer. Children between the ages of 4 years and 12 years should only drink Ionized Alkaline Water at strength level 1 (one) and strength level 2 (two). Children between the ages of 4 and 12 years of age should never drink Ionized Alkaline Water at strength level 3 (three) or strength level 4 (four).

Q: Can a person become too Alkaline from drinking Ionized Alkaline Water?

A: People have been known to drink as much as 1 to 2 gallons of Ionized Water every day with great benefit. Conversely, one of the most common imbalances people have today is that they are too acidic. Our body's pH should be approximately 7.2 (measured through saliva or urine). It is rare for a person to acquire Alkalosis, the condition of being too Alkaline. We should always drink Ionized Alkaline Water and eat Alkaline Foods such as fruits and vegetables.

Q: When will I begin noticing the health benefits?

A: It varies from person to person. You might start noticing a positive response in as little as one day or within a few weeks.

Q: Why do some people have flu like symptoms when first drinking Ionized Alkaline Water?

A: If you start drinking Ionized Alkaline Water at to high strength level (high pH level) then you might notice flu like symptoms. The Ionization process creates water molecule clusters that are half the size of regular water molecule clusters. This is why Ionized Alkaline Water is sometimes referred to as "microclustered water" because water molecule clusters have been reduced in size from a 12 water molecules per cluster to 6 water molecules per cluster. This makes the water much more hydrating because it flows through our body tissue more easily, thus pushing toxins out of our system. It is this detoxifying effect that sometimes gives people headaches and diarrhea, and that is why there are 4 levels of strength.

Q: What is the product warranty?

A: The LIFE Fuzion portable ionizer has a 5 year warranty with full parts and labor.

To validate your warranty, you must complete the warranty card and return it within 30 days of purchase. The warranty that is in effect at the time the machine is purchased is the one that is honored. Our warranty center is in the USA for your convenience. We are the oldest and largest distributors of Alkaline home, commercial and industrial water ionizers in North America with the finest quality service second to none. We value our customers and are very grateful for referrals. This is why we promote such a generous return policy and why we can do with confidence based on 15 years of growth and happy testimonials. Neglect includes using the unit in a matter inconsistent with the directions in the owner's manual, asbreakage resulting from dropping the unit or other carelessness. The international customer pays all international customs, government fees, levies and/or any other fees that are incurred.

Q: What is your return policy?

A: We invite you to try out our new range of LIFE Ionizer® and enjoy the benefits for 60 days. We are so sure that you will be satisfied with your ionizer that we offer you a 60-day money back guarantee. If at any time in the first 60 days you wish to return your unit, we will give you a full refund, less 15% restocking fee, as long as your ionizer is returned in as-new condition and in its original packing. "As-new condition" means the ionizer is not scratched, damaged or broken in any way and is returned with all hoses, connectors, parts, manuals and DVDs etc. The original shipping charges will be deducted and return shipping charges must be prepaid by the purchaser. No return can be accepted without our prior authorization. We will refuse unauthorized returns. There are no returns on merchandise purchased wholesale or through finance plans.

Q: What is your repair policy?

After the 5 year warranty, labor is billed at \$60/hr. Average repair time is less than one hour and in some cases there is no charge. Minimum charge is \$0 to a maximum of \$199 per occurrence. LIFE Ionizer® pays for shipping back to you. Warranties cover failures due to defects in materials and workmanship which occur during normal use. Warranty does not cover damage which occurs in return shipment, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, improper insertion of consumables, set-up adjustments, maladjustment of consumer controls, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, or service by anyone other than a LIFE Ionizer® authorized repair facility. LIFE Ionizer® will repair or replace any malfunctioning ionizer for the specified time frames disclosed above.

Limits and Exclusions:

There are no express warranties except as listed above. From the date of purchase the warrantor is not responsible for incidental or consequential damage; for damages arising out of the use of any unauthorized attachment; for damages resulting from the use of the product with a defective water faucet. All expressed and implied warranties, including warranties of merchantability and fitness for particular purpose, are limited to the applicable warranty period. The warranty is voided if parts used are not provided by LIFE Ionizer®. Company products are sold subject only to the applicable company standard printed warranty in effect at the time of sale and such warranty shall be in lieu of all other warranties expressed or implied. In addition, this equipment, technology and products have not been evaluated by the FDA, nor are they intended to treat, cure, mitigate, diagnose or prevent any illness or disease. The following technology is not intended to replace the advice of your family physician.

We also Manufacture & Distribute:

Counter and Undercounter Water Ionizers

Travel Pitchers

Batch System Water Ionizers

Commercial Ionizers

Counter and Undercounter Drinking Water Systems

Water Optimizers (*for scale and rust removal*)

Bottled Water Dispenser System

Eco-Friendly Anti-Scale System

Reverse Osmosis Systems

Pre and Replacement Filters

LIFE Environmentally Friendly Bottles

For more information on our other high quality
Life Ionizer® products, please visit our website at

Lifelionizers.com

or for distributors visit

EarthTradeWater.com

Contact Us

6352 Corte Del Abeto, Suite H
Carlsbad, CA 92011

866.321.3116 (Technical Support)
760.585.1692

*When calling technical support please be prepared to give your ionizer serial number located on the back of the unit.

www.LifeIonizers.com/Support



LIFE
FUZION

ADJUST SELECT CONTROL START

EARTHWISE