How to Install

How To Install

Accessories

Installation method

Your new Aquarius gives you the option of three installation methods:
1) at your sink attached to your faucet with a diverter,
2) at your sink but plumbed directly to your cold water line (no diverter) and,
3) undersink - completely out of sight with a small dedicated faucet.
It is recommended that methods
2) & 3) be done by a plumber.

Installation Method 1) At the sink with a diverter (easiest)

1. ATTACH DIVERTER TO YOUR TAP - Remove the aerator from tap (pliers may be required), and attach diverter valve in its place. There are adapters supplied in case the diverter does not fit your tap. If you have leaks at the diverter, use plumber's Teflon tape (available at any hardware store for a couple of dollars).
2. CUT A FOUR INCH LENGTH OF WHITE HOSE - Using a very sharp utility knife, cleanly cut a four inch length of the white hose. The cleaner you make your cut, the less likely you will experience a leak.
3. ATTACH THE IN-LINE PRE-FILTER -
There is a small black arrow on the pre-filter indicating water flow direction. The arrow on the pre-filter will POINT AT YOU IONIZER indicating water flowing toward the ionizer. Insert the four inch length you cut into the end of the pre-filter making by pushing firmly ensuring the arrow is pointing at the end of the four inch hose. The four inch length will be between your ionizer and the pre-filter.
4. ATTACH THE TAP WATER INLET HOSE TO YOUR IONIZER -
Attach the free end of the four inch length of white hose with the pre-filter attached to the gray port on the bottom of the ionizer. To attach the white inlet hose, by pushing it firmly into the grey tap water inlet port.
(To remove it, press on the end of the fitting and pull it out at the same time).

5. POSITION YOUR IONIZER - This can be beside the sink, to the rear of the sink, or on the wall above the sink (there are keyhole slots on the back for this). Make sure it is on a hard and level surface

6. ATTACH THE TAP WATER INLET HOSE TO THE DIVERTER -
a. Insert the long length of white hose into the free end of the pre-filter (see photo).
b. Remove the small compression nut on the back side of the diverter opposite of the diverter lever.
c. Slide this nut over the end of the white hose with the threads positioned so you can screw it back onto the diverter. INSERT IMAGE Diverter.jpg
d. Push the white hose firmly onto the nipple, and then screw the compression nut back onto the nipple. Make sure the nut is screwed firmly in place, but do not over tighten. If you are having trouble getting hose on to the nipple, try soaking it in hot water for a minute.

7. ATTACH THE GRAY ACIDIC OUTLET HOSE .
The ACIDIC OUTLET port is on the lower right corner of the back of the ionizer, and is labeled with a red sticker. First slide, one of the small squeeze clamps over the end of the hose. To make it easier to attach, soak the hose in a cup of warm water for 20-30 seconds. Firmly push the hose all the way onto the gray outlet port. Squeeze the clamp and slide it over the port. Ensure the opposite end runs down into the sink. Cut the hose to a convenient length.
8. CONNECT THE POWER CORD to an appropriate GFI outlet.
9. INSTALL FLEXIBLE STAINLESS STEEL SPOUT - Screw this into the port on the top of the ionizer. Do not over tighten.

Installation Method 2) At the sink under direct main pressure (more difficult)

1) SPLIT YOUR COLD WATER SUPPLY LINE - This can be accomplished in a variety of ways depending on how your plumbing is configured. Most commonly, you would install a "T" junction in the cold water line.
"T" junctions are available at any good hardware store and are inexpensive.
Take the white hose when you purchase the "T" to ensure the proper size fitting.
2) ATTACH THE TAP WATER INLET HOSE TO THE "T" JUNCTION - You will need a hole through which you can route the white hose from the "T" to your ionizer. Most newer sinks have cutouts that will work for this.
Pull the hose up to the counter.
3) CUT A FOUR INCH LENGTH OF WHITE HOSE - Using a very sharp utility knife, cleanly cut a four inch length of the white hose. The cleaner you make your cut, the less likely you will experience a leak.
You will use this piece in the next step.
4) ATTACH THE IN-LINE PRE-FILTER -
There is a small black arrow on the pre-filter indicating water flow direction. The arrow on the pre-filter will POINT AT YOU IONIZER indicating water flowing toward the ionizer. Insert the four inch length you cut into the end of the pre-filter making by pushing firmly ensuring the arrow is pointing at the end of the four inch hose. The four inch length will be between your ionizer and the pre-filter.

5) ATTACH THE FOUR INCH WHITE HOSE TO YOUR IONIZER - Attach free end of the four inch length of the hose into the gray port on the bottom of the ionizer by pushing it firmly into the grey tap water inlet port.
(To remove it, press on the end of the fitting and pull it out at the same time).
6) POSITION YOUR IONIZER - This can be beside the sink, to the rear of the sink.
Make sure it is on a hard and level surface.
7) ATTACH THE GRAY ACIDIC OUTLET HOSE - The ACIDIC OUTLET port is on the lower right corner of the back of the ionizer, and is labeled with a red sticker.
First slide, one of the small squeeze clamps over the end of the hose.
To make it easier to attach, soak the hose in a cup of warm water for 20-30 seconds. Firmly push the hose all the way onto the gray outlet port. Squeeze the clamp and slide it over the port. Ensure the opposite end runs down into the sink.
Cut the hose to a convenient length.

8) CONNECT THE POWER CORD to an appropriate GFI outlet.
9) INSTALL FLEXIBLE STAINLESS STEEL SPOUT - Screw this into the port on the top of the ionizer. Do not over tighten.

Undersink Installation (most difficult)

Undersink installations can only be accomplished with an Undersink Conversion kit.
Your ionizer will require a very specialized faucet and a variety of other parts.
The conversion kit comes complete with everything needed to complete this type of installation.
It is recommended that a plumber perform this type of installation.
Please contact your dealer.

How to Use

Initial operation

1. POWER UP YOUR IONIZER.
   - Depress the black power button located on the back of the ionizer to the "ON" position.
   - The black power button is ALWAYS left on since the ionizer will go to sleep in between uses.
   - You will hear a single chime and the display panel will illuminate for 2-3 seconds.
   - With the power on and the display panel dark, your ionizer is now in standby mode.

2. TURN ON THE WATER
   - Turn on your water supply by opening your valve or faucet.
     If you have your ionizer connected to your faucet with a diverter, turn the lever to "divert" the water to your ionizer.

3. START WATER FLOW THROUGH YOUR IONIZER
   - Depress the "POWER" button which opens the internal valve in your ionizer.
   - The Digital Filter Life Indicator will begin to register numbers and you will hear your ionizer's "voice" announcing the selected mode of operation. For instance: "Purified water selected".
   - NOTE: The water may initially come out discolored (light to charcoal gray) due to carbon particulates in the new filter. This is not harmful and is typical of all carbon filters. Allow the water to flow for 2-3 minutes in the "Purified" mode and this will flush all the carbon dust.

To select Alkaline water

1. Repeat steps 1-3 above, or with water is already running through the ionizer then:
2. Depress the "ALKALINE" button to select the desired setting from 1 - 4.
   You will hear voice confirmation that "Alkaline water" has been selected, and the display panel will show a blue symbol and blue number corresponding to the level selected.
3. Note: Your ionizer will always "remember" the last setting used.
   If the previous selection was Alkaline Level 2, when you start flow through the ionizer next time you use the ionizer it will automatically process at Alkaline Level 2.
4. To select a different level, depress the "ALKALINE" button to move to next level until the desired setting level is achieved. The blue symbol and number will change accordingly.

Alkaline water levels

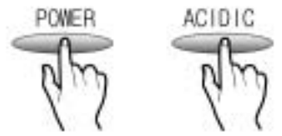
Note: pH levels will always vary with different source water.

- LEVEL 9 — Weak Alkaline water (pH7.5 - pH8.5). This level is used for initial consumption period (4-7 days). Let your body adjust slowly to this increase in pH.
- LEVEL 8 — Weak to Medium Alkaline water (pH8 - pH9). Move up to this level after the initial adjustment period. Adjust to this level for 3-4 days. Most people will drink at level 2 or 3.
- LEVEL 7 — Medium to Strong Alkaline water (pH8.5 - pH9.5). This is the most common level of alkalinity for drinking purposes. Some people may start to detect a strong change in taste.
- LEVEL 6 — Strong Alkaline water (pH9.5 - pH10+). Generally, most people find this very strong tasting and with powerful detoxifying effects.

To select Acidic water

Note: Acidic water is for external use only. DO NOT DRINK

1. Repeat steps 1-3 from Initial Operation: or with water is already running through the ionizer then:
2. Depress the "ACIDIC" button to select the desired setting from 1 - 4. You will hear a voice confirmation that "Acidic water" has been selected, and the display panel will show an orange symbol and an orange number corresponding to the level selected.



3. Note: Your ionizer will always "remember" the last setting used. If the previous selection was Acidic Level 2, when you start flow through the ionizer next time you use the ionizer it will automatically process at Acidic Level 2.

4. To select a different level, depress the "ACIDIC" button to move to next level until the desired setting level is achieved. The orange symbol and number will change accordingly.

Descriptions of Acidic water levels

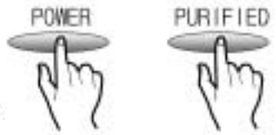
Note: pH levels will vary with different source water.

- LEVEL 9 — Weak Acidic water (pH6.5 - pH5.5). Used for oral hygiene, mouth wash etc.
- LEVEL 8 — Weak to Medium Acidic water (pH6 - pH5.5). For skin care, as an astringent.
- LEVEL 7 — Medium to Strong Acidic water (pH5.5 - pH5). For cleaning in the kitchen.
- LEVEL 6 — Strong Acidic water (pH5 and lower). For sterilization purposes.

How to Use

To select "Purified" waterr

1. With water flowing through the machine, press the "PURIFIED" button. You will hear a voice confirmation that "Purified water" has been selected, and the display panel will show a green symbol.
The purified water comes out of the stainless steel spout.
Nothing comes out of the acidic outlet.



How to Shut off the water flow from your ionizer

STOP

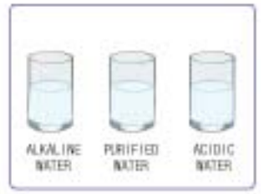
With water running through the ionizer, depress the power button. The water will stop and the display panel will go dark indicating the ionizer is in standby or "asleep".

How to Mute the Sound

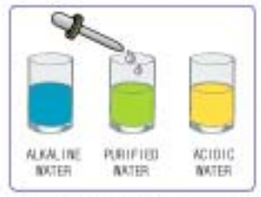
With water running through the ionizer, depress the "MELODY" button.
All sounds except for the chime sounds will be muted.
All sound volume including the voice, the chime sound (with or without voice muted) can be adjusted by manipulating the Speaker Volume with a small Phillips screwdriver on the back of your ionizer.

How to Measure pH

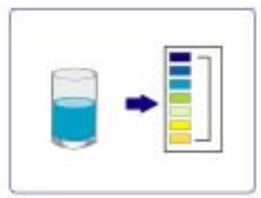
1. Fill one of the test tubes provided about 1/4 full with alkaline, acidic or purified water.



2. Drop 2 or 3 drops of the pH reagent into the container and shake it.
If the reagent and water are not mixed well, the correct result may not be displayed.



3. The pH value is determined by matching the color the pH color chart provided.



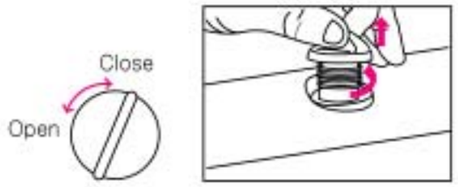
Important Note: Water quality and mineral content vary greatly in different localities and will directly impact performance of your ionizer with respect to pH.

- DO NOT consume water containing reagent
- Keep the pH reagent liquid, color chart, and test tubes away from direct sunlight
- KEEP pH reagent liquid AWAY FROM CHILDREN and OPEN FLAMES!
- For contact with eyes, flush liberally with fresh water, seek medical help
- If ingested, induce vomiting, seek medical help

How to Add Calcium

1. Stop the water flow prior to calcium replacement.
   - Water will overflow if you open the calcium cap while water is coming out.

2. Unscrew the cap to the left and remove.
   -The first time you remove it the cap may be tight. Use a butter knife to work it free.

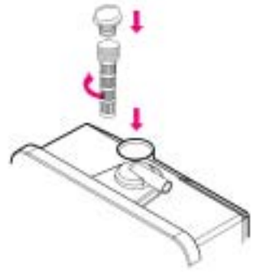


3. Take the basket apart from the cap and dispose of the remaining beads. The beads never completely disappear
   - it's the calcium coating on the beads that slowly releases into the water. Beads will release calcium for about 1-2 months depending on amount of use and pH of water.

4. Wash the basket and remove all water.

5. Add the new calcium beads and close the cap.

6. Insert the basket into the calcium port and twist the cap closed.
   - Water will overflow if you do not close the cap tightly.



REGULARLY CHECK AND CLEAN YOUR PRE-FILTER

Keeping the pre-filter clean is critical to the proper operation of your ionizer.
First ensure your water supply is turned off.
Then remove the pre-filter by pressing on the end of the fitting and pulling out the hose at the same time. Rinse out the filter thoroughly to remove any built up particulate.
Rinse from both sides.
Reinstall it.
Clean the filter in this way any time you notice a decreased flow from your ionizer.

How to Replace the Filter

How to Replace the Filter

IMPORTANT! Stop water flow prior to filter replacement.

1. When the digital filter life indicator reaches '9999' or you see the flickering filter symbol, it is time to replace your filter.

2. Open the filter housing cover.

   -First, slide the cover upwards (figure 1) Then, slide the cover to the left (figure 2) and remove it.

3. Remove the expired filter.
   - Taking hold of the filter securely with your right hand, press the filter firmly down against the spring loaded mechanism (figure1) to disengage the top of the filter and then pull it toward you (figure2) and up to remove it.
   - The upper part of the filter is separated from housing by pressing firmly down. Once you have engaged the spring loaded mechanism, you can then easily remove the filter from the main body by pulling it toward you.
   - There will be a gray filter cup at the bottom of the filter. Remove this piece from the expired filter and reinsert the cup into the base of the housing.

4. Insert the new filter into the compartment.
   - Ensure the gray filter cup has been reinserted properly into the base.
   - Remove the plastic caps covering both ends of the new filter.
   - Seat the large opening on the bottom of the filter cartridge onto the base (with the black o-ring) in the center of the gray filter cup.
   - Push the filter down and into the housing compartment ensuring the opening at the top of the filter is seated properly into the fitting at the top of the housing.

5. Check for leakage by running water through your ionizer before replacing the housing cover.

5. Flush out the GAC carbon dust.
   - The water will initially come out discolored (light to charcoal gray) due to carbon particulates in the new filter. This is not harmful and is typical of all GAC filters. Allow the water to flow for 2-3 minutes in the "Purified" mode and this will flush all the carbon dust.

   Immediately after filter replacement, the water will come out black and unclear due to the activated carbon particulates in the new filter but will become clear momentarily. (It is not harmful.)

6. Reset the filter life indicator.
   - Press the "Reset" button located at the top of the filter housing compartment for 2-3 seconds while in standby mode (water not running through the ionizer).

7. Replace the filter housing cover.

Please replace filter when any one of the flowing occur:

- When severely polluted water has been run through the ionizer and filter
- Excessive odor in output water and/or severely decreased flow rate
- After prolonged period of inactivity of over 30 days

About your Biostone Filter

Composition of filter

Calcium:
It slightly increases the alkaline mineral content in your water. It improves water taste and odors, and it is particularly effective in removing the chloride. You get coral calcium on tap!

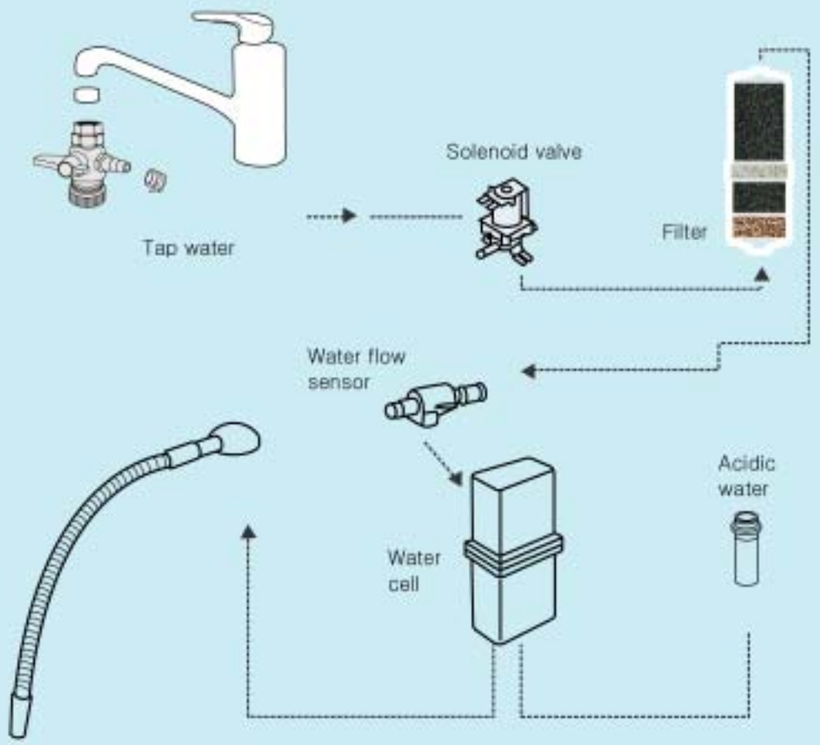
Tourmaline:
Tourmaline emits Far Infra Red (FIR) energy naturally. FIR produces well documented health benefits and it also has an amazing effect on water.
The Biostone contains the semi -precious gemstone tourmaline in ceramic form, so you get FIR on tap!

Non-woven fabric filter
Filters out sediment and particulate.

Granular Activated Carbon (GAC) :
The workhorse of the filtration media. GAC is especially effective at removing chlorine, its odor and taste, agricultural chemicals, phenol, trihalomethane and other chemical contaminants. Silver is coated on the surface of the granular activated carbon to inhibit bacterial growth in between use.

Non woven fabric filter :
Filters out sediment and particulate.

Flow Diagram



Trouble Shooting Guide

Abnormal condition	Cause(s)	Resolution
The Function Display Panel does not come on.	A power plug is not property inserted, or it is inserted into a faulty outlet.	Properly insert power plug into a correctly functioning power outlet
	The fuse is blown. The fuse is not inserted properly.	Replace the fuse. A spare fuse is included in your reagent kit. (3A / 250V fuse)
The Function Display Panel / display indicators do not come on even after turning the tap on.	Faulty PCB (Printed Circuit Board)	Immediately unplug the unit and contact your dealer to arrange service.
pH test shows alkaline water color as neutral (7) while acidic water color gets yellow (6). This is normal if initial pH is 6.5	Faulty or evaporated reagent: alkaline / acidity are always produced in inverse proportion. Therefore, showing an acidic color means inversely that alkaline water has to be generated from the unit. Lack of alkaline color can result from a chemical reaction where carbonic acid in water evaporates some test reagent elements.	Test pH value on level 3 or 4 water: replace reagent.
Power supply is suddenly cut off while operating the unit.	Elevated level of salt in the water or high TDS: extended operation at high pH: sudden flux in electrical current. In these cases your machine will shut down automatically to protect the electrodes and circuitry.	Wait – the unit will become operational again after about one hour. Your ionizer has a safety mechanism built-in to protect the electrodes and circuitry. This mechanism will shut the ionizer down automatically. This mechanism protects the unit from overuse or excessive electric current.
Low output of alkaline water from the unit.	Filter is clogged. Premature clogging may be caused by sudden drop in water quality and an influx of sediment or other contaminants, which stress the filter.	Replace your filter. Clean Pre-filter
	Low pressure in your household plumbing.	Ensure water supply valves are fully open. The water pressure in house may be too low.
	The input hose is bent, kinked or otherwise restricted.	Straighten the bent hose.

Abnormal condition	Cause(s)	Resolution
Strange smell from Alkaline water.	Expired filter from ordinary use or premature clogging due to flux in water quality.	Replace your filter.
	Sudden flux in water quality with elevated level of Choline (not Chlorine). Elevated Choline levels are observed in some areas during summer months. These levels fall within safe drinking water standards, yet will cause a reaction with ionized water causing a unique smell.	Select lower pH level (1-2). If still present, filter replacement may be necessary.
Water appears milkish: white snow like particles in the bottom of your glass.	You have high hardness (calcium primarily) in your water. The white is extracted CaCO3 (Calcium carbonate). After Co2 in water is bonded with Ca where elevated levels of CO3 exist in your water. In water where elevated levels of CO3 exist, what you see after ionization is Co2 in the water bonded with Ca.	This is calcium! It is not only harmless, but actually good for you. Remember the ionizer separates and condenses the alkaline minerals and this is what you are seeing. You can lower the setting (1-2) and reduce this effect. Typically this only occurs in hard water areas.
At first no smell, but then smell from the alkaline water about one hour after.	Your water bottle or receptacle is foul and needs cleaning. Contamination mixes with alkaline water when filling your bottle. Expired filter.	Clean your bottle or receptacle. Try selecting lower pH level (1~2). Replace your filter.
Water leakage from the filter cartridge housing.	Filter not installed correctly into filter housing.	Remove your filter and reinstall it properly following the filter replacement instructions. Increase the quantity of source water inflow.
No acid water flow from the acidic output port.	Acidic output hose is bent, kinked or otherwise restricted.	Straighten the bent hose: increase water flow from supply.

Product Specifications		
Product Manufacture Permission Number		No.610 by The Ministry of Health & Welfare
Feature		Ion water generator
Model		JP-108
Input voltage		AC120V
Input Electricity(Power consumption)		0.38A(80W)
Weight		Approx 6.5kg
Overall Dimention		245 X 130X 330(mm)
Applicable Water Inflow Pressure		0.7~5kgg/cm^2
Applicable Water Temperature		5~30℃
Unit Operation Type		One Touch - Automatical ionization Start
Unit Operation Means		Tap - water - open and - close
Electolysis Device	Electrolsis Method	Continuous electrolysis
	Electrolsis Strength	4 level
	Ionized Water Output Rate	Max 3 Liters/minute(alkaline+acidic water)
	Cleaning Device	Automatic & manual cleaning
	Electrode Materials	Platium and Titanium
Water Purifying Device	Filter Replacement	Easy replaceable cartridge
	Filter Life	Activated Carbon filter:approx 5~6 months basic 20 Liter/day
	Filter Life Indicator	FND indicator
	Filter Composition	Silver impregnated Carbon
Water Purifying Device		Temperature sensor / Auto Shut off
Water Supply		Direct connection to a top

Water Ionizer Limited Warranty

Limited two year warranty
Customer is responsible for shipping charges to authorized repair facility.
If repair is necessary during warranty period, the purchaser will be required to furnish a proof of purchase indicating the date.
When shipping the unit, use original packaging if possible, or sufficient packing material and appropriate box.
Include a letter detailing your return address, phone number and the reason for service.
Name:_____

Address_____

Address_____

City_____State_____Zip_____

Contact Phone number (_____)_____

This warranty is extended only to the original purchaser.

This warranty only covers failures due to defects in materials and workmanship which occur during normal use. This warranty does not cover damage which occurs in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, fualtyinstallation, misapplication, improper insertion of consumables, set-up adjustments, maladjustment of consumer controls, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, commercial use, or service by anyone other than an IonLife authorized repair facility, or damage attributable to acts of God.
Limits and exclusions: there are no express warranties except as listed above.
The warrantor is not responsible for incidental or consequential damage; for damages arising out of the use of any unauthorized attachment; or for damages resulting from the use of the product with a defective water faucet and/or water that is judged by the local authorities as "hard" (TDS above 18grains),.
All express and implied warranties, including the warranties of merchantability and fitness for particular purpose, are limited to the applicable warranty period.
Repair and/or replacement will be at the final discretion of IonLife.

For additional information, operating assistance, literature request and all other inquiries please contact your dealer.