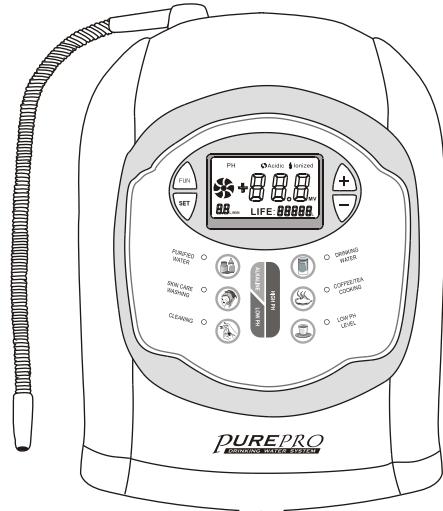


# Water Ionizer

## JA-303

### User's Manual

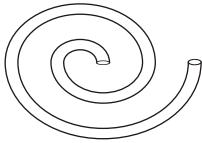
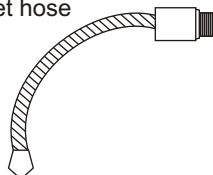
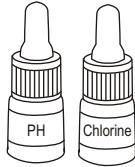
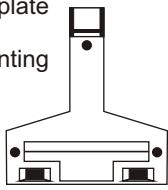
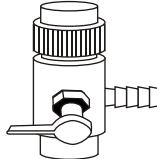
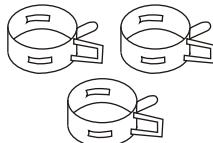
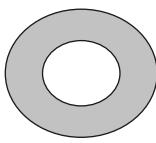
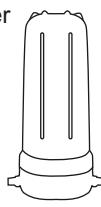


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# PACKAGE CONTENTS

## All accessories that come with the water ionizer

You should have the following items included with your water ionizer		
3/8" flexible hose 	Screw x 3 	Stainless steel outlet hose 
PH & Chlorine testing kit 	Hole template for wall-mounting 	Tap adapter 
Hose clip x 3 	Teflon tape 	Pre filter 

# **APPLICATIONS & USES OF IONIZED WATER**

## **■ ALKALINE WATER:**

### **Drinking alkaline water**

Useful in improving the constitution, and regulates physical condition. Unlike tap water, you can drink large quantities of alkaline water without the risk of stomach upset.

- a. Unusual gastrointestinal fermentation: drinking alkaline water on an empty stomach is effective.
- b. Constipation and stiff shoulders: drinking before meals is effective.
- c. Diarrhea: increase the amount, depending on the symptoms.
- d. High or low blood pressure: drinking on an empty stomach or one hour before eating is effective.
- e. Diabetes: drinking three cups or more if alkaline water on an empty stomach is effective.

### **Alkaline water in processed beverages**

Comparing to conventional methods of preparation, the use of ground coffee, tea, and juices are greatly economized and enhanced.

- a. Tea: makes the color of the tea vivid, lessens its astringency, and makes it mellow and delicious.
- b. Coffee: you can use less coffee grounds and still have the same flavor and strength.
- c. Alcohol and water: imparts a mellow and delicious taste and prevents the negative physical reactions associated with drinking alcoholic beverages.

### **Cooking with alkaline water**

Brings out the real taste of the food, resulting in sufficient flavor even when the amount of seasoning is reduced by as much as 1/3 from the amount used in conventional method of preparation.

- a. Cooked food: the flavor of the food is brought out well. And the food is tender. The taste comes out fully even with less seasoning.
- b. Cooked fish: the meat of the fish is firm and the shape is maintained.
- c. Steeping, washing, and parboiling green vegetables: the green color is brought out because of the chlorophyll does not change, giving the prepared vegetables vivid color.
- d. Removes harsh taste from vegetables.
- e. Removal of blood from liver and red meat: when liver or red meat are steeped in alkaline water for 20-30 minutes, the blood is drawn out and odors are eliminated.
- f. Cooking beans: the beans only need to be steeped in water for a short time before cooking.
- g. Cooking water for rice: helps prevent spoilage.

# APPLICATIONS & USES OF IONIZED WATER

## Other uses of alkaline water

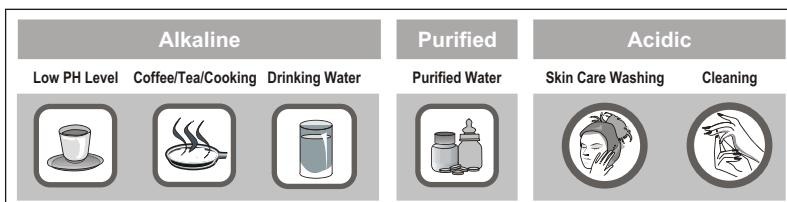
### a. Animals and pets:

- Can be used as drinking water to maintain their health
- Bathe in acidic water
- Healthier coat of fur
- Less odor in feces
- Helps prevent skin disease and itching

### b. Dyeing: results in vivid colors in the dyeing of garments and other items.

### c. Plants / Flowers

- Healthier
- Live longer
- Need less water
- Won't need pesticides
- Extends the life of flowers



## ■ ACIDIC WATER:

### Beauty and cosmetic effects of acidic water

Since acidic water has an astringent effect and a constricting action, it will tighten and smooth the skin when it is used for face washing and bathing. Acidic water is also effective in the treatment and prevention of pimples and skin spots, ect.

- a. Washing the face: acidic water makes the skin smooth, improves its health and improves its compatibility with makeup.
- b. Shampooing: when used to wash the hair before and after shampooing, it protects the hair, prevents hair loss, dandruff, and itching, and leaves the hair soft and non-sticky.
- c. You can shave without shaving cream...use only acidic water.
- d. Bathing: the body is warmed when 6 to 10 liters of acidic water is mixed into water with a ph of four. Acidic water is effective for overall beauty and the health of your skin.
- e. Water for wiping the body: wiping the body with a towel that has been steamed in acidic water is effective for the overall beauty and health of your skin.

# **APPLICATIONS & USES OF IONIZED WATER**

## **Home remedies of acidic water**

Due to its slight disinfecting and sterilizing action, acidic water has disinfecting, sterilizing and analgesic effects on skin wounds. Also kills bad breath..

- a. Gargling water: prevents infection by germs including the microbes that cause colds and tonsillitis.
- b. Burns: alleviates the pain of burns and hastens recovery.
- c. Chapped hands: prevents chapped hands, and accelerates recovery from chapping.
- d. Sunburn: relieves inflammation and accelerates recovery.
- e. Abrasions and cuts: exhibits a disinfection and styptic action, and accelerates recovery.
- f. Bruises and sprains: accelerates recovery when applied.
- g. Eczema and skin problems: accelerates recovery when applied directly.

## **Cooking with acidic water**

Due to its shrinking (constrictive) effect, acidic water can be employed in a wide range of cooking uses.

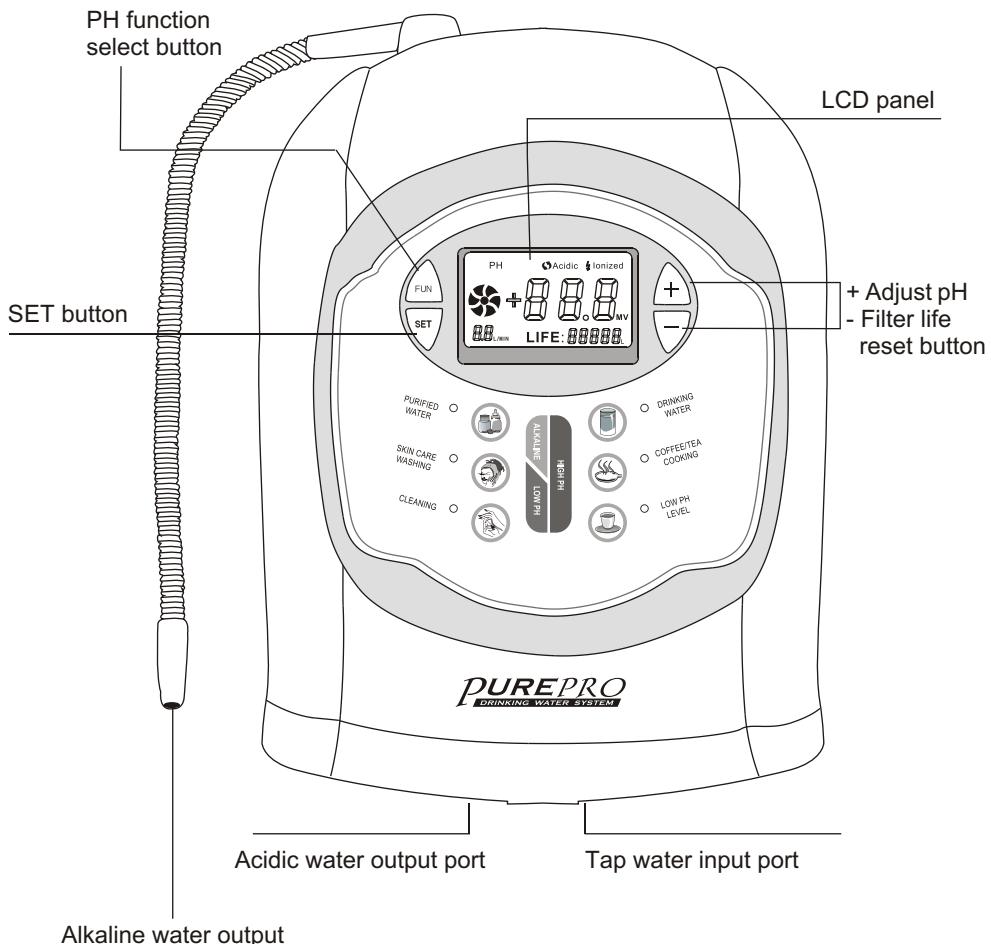
- a. Washing and processing of fruits and vegetables containing anthocyanin (red coloring): cherries, plums, grapes, strawberries, red cabbage, egg plants, soy beans, and asparagus, are prepared with a natural appearance.
- b. Boiled eggs: even when the eggs crack, the contents stay inside, and shell is easy to peel. The yolk will stay in the center of the egg.
- c. Rinsing fish: tightens the meat of some fish.

## **Other uses of acidic water**

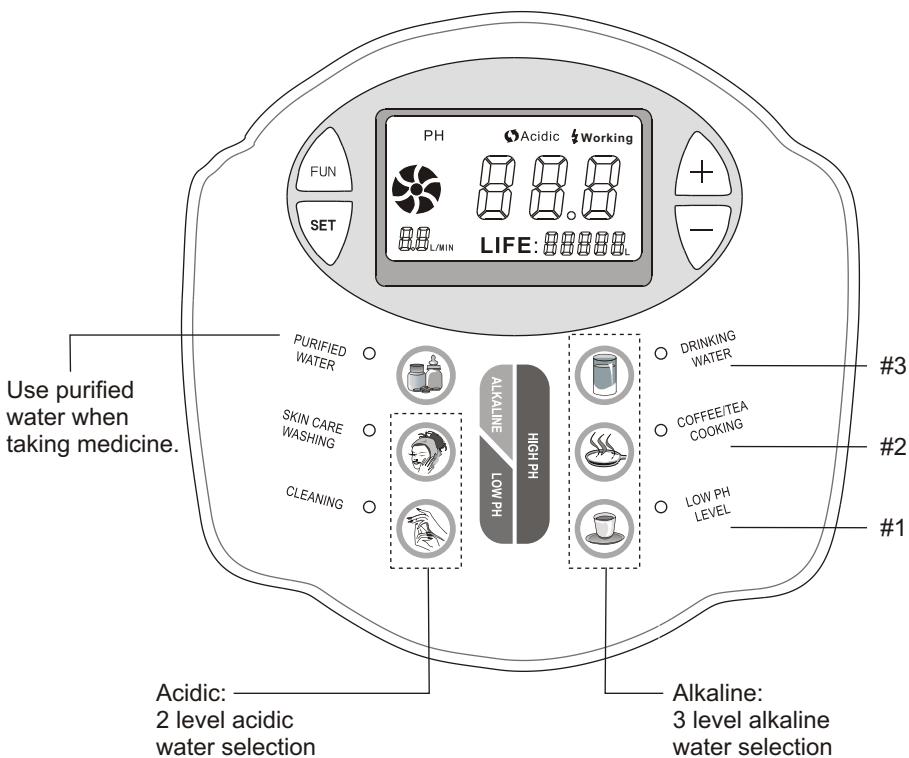
Due to its bleaching action, acidic water is also effective as a bleaching agent.

- a. House cleaning: dirt and grime are removed.
- b. Polishing: effectively cleans mirrors eyeglasses, glass and knives.
- c. Washing vehicles: dirt is removed from automobiles, bicycles, and motorcycles.
- d. Baths: the bath water is quickly heated, it is difficult for scale to adhere to the tub, and the water does not smell even when reheated. This makes acidic water perfect for using in your hot tub.
- e. Cutting board: can be cleaned and washed quickly.
- f. Pots and pans with baked food: when soaked in acidic water overnight, stains and burns are removed, leaving the utensils clean due to its sterilizing power.
- g. Dishcloth: fungal and bacterial growth is stopped, preventing bad smells.
- h. Odors that remain in the hands after cooking: sliminess and fish odors on the hands are removed and itching is eliminated.
- i. Pet care: leaves pets with a beautifully well kept and lustrous coat, and prevents skin diseases and itching.

# PREPARATION



# CONTROL PANEL



#1 Low pH level: Minor alkaline; good for initial drinking; after drinking for 1 week, you can drink higher level alkaline water.

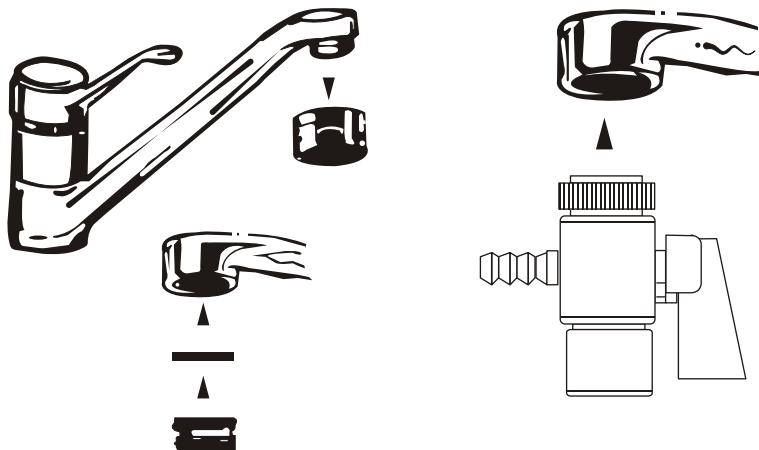
#2 Cooking level: For cooking and making beverages

#3 Drinking level: Best level for drinking

# INSTALLATION

## A. Installation for Euro-faucet

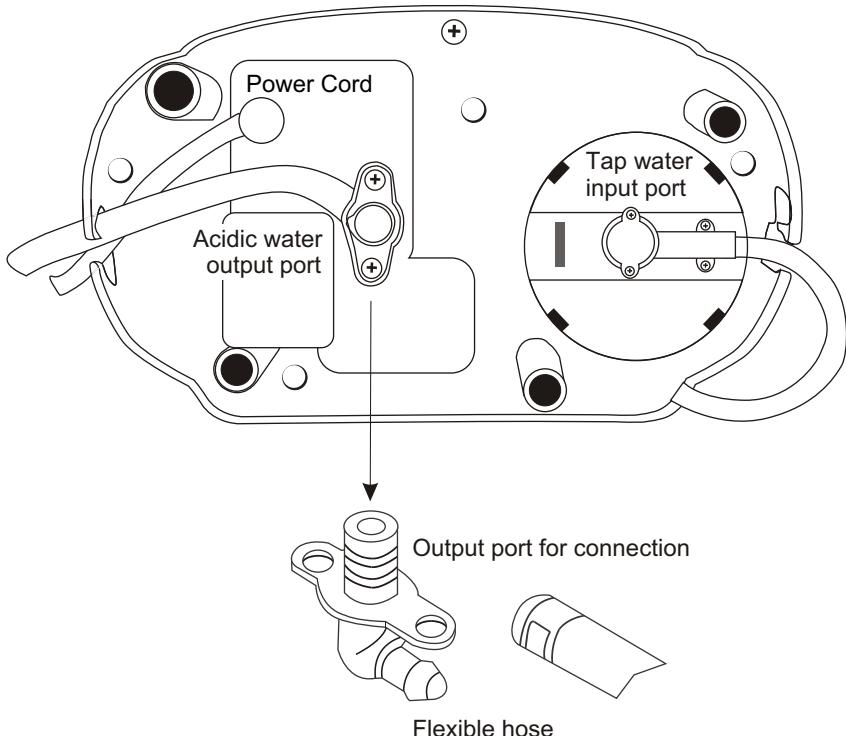
First, remove original Euro-faucet aerator. This is usually done without tools by rotating counter-clockwise. And then slip on quick fitting pad, two-way screw, quick fitting in turn. Connect the house to the water input.



# INSTALLATION

## B. Flexible Hose

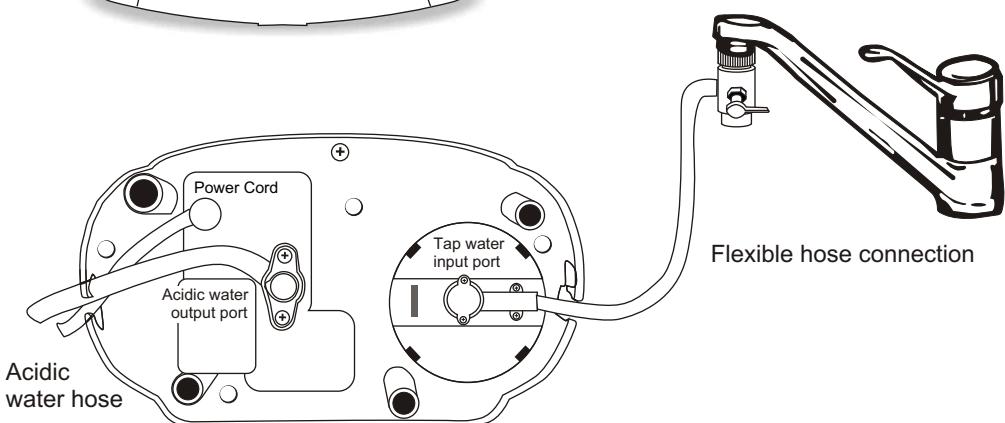
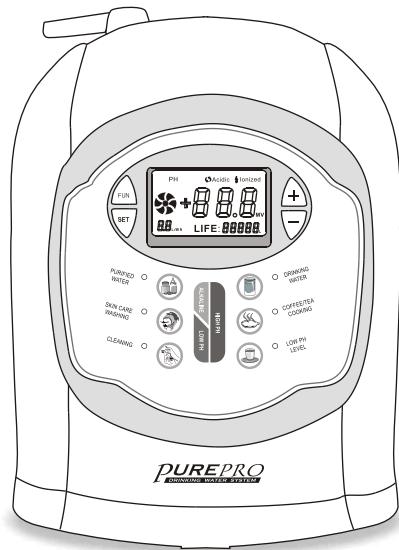
Simply cut a sufficient length of hose to reach "acidic water output" port.  
Allow some extra length in the event acidic water to be collected for  
external or plant use.



# INSTALLATION

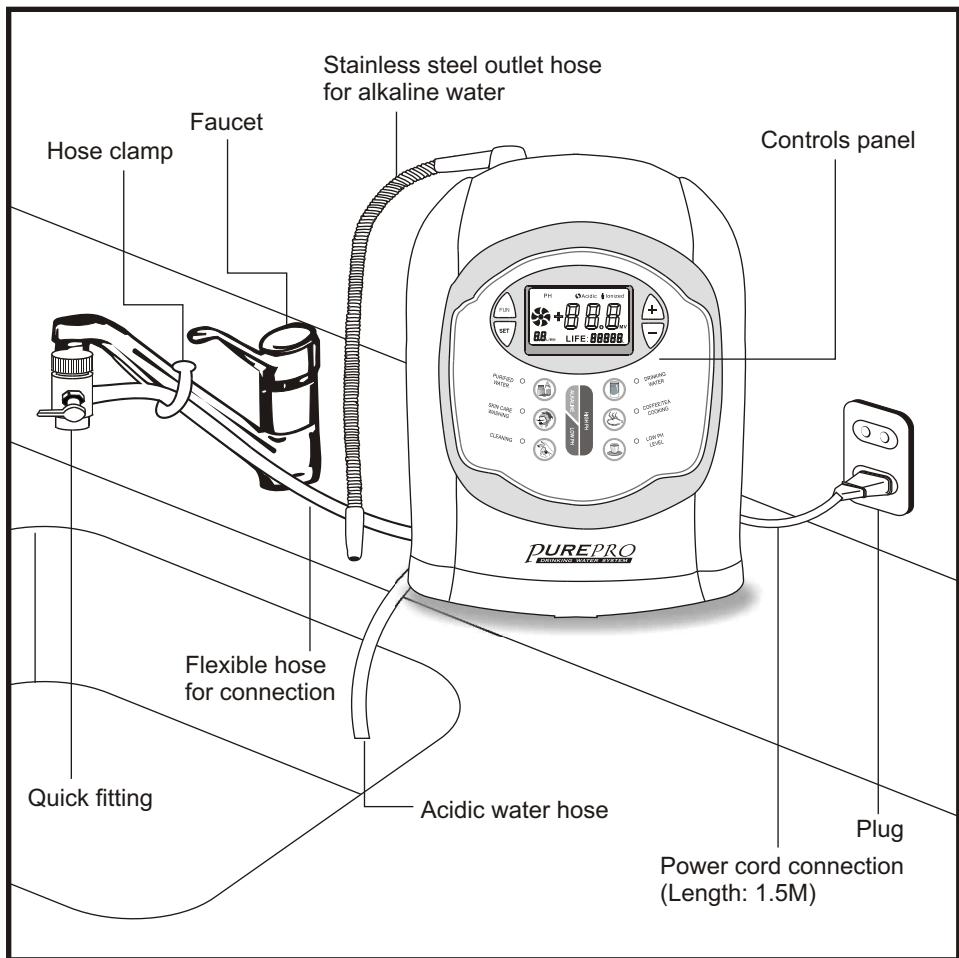
## C. Base Unit

- a. Do not wind the hose, and extend the hose to a sufficient length, using a sharp pair of scissors to cut the hose straight across in a single cut.
- b. The best length of the acidic water hose is around 16.5 inches.
- c. The acidic water hose must down the stream and lower than the alkaline outlet about 6 inches.



# INSTALLATION

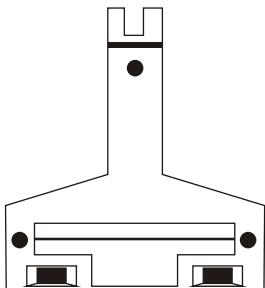
## D. Illustration



# INSTALLATION

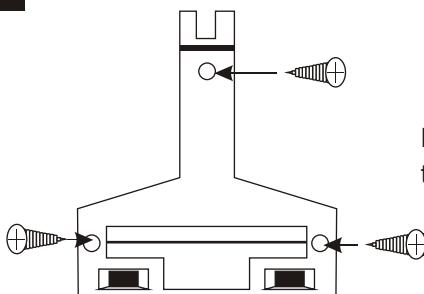
## E. Hole template for wall-mounting

1



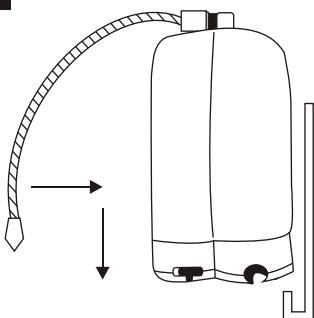
Remove template, find suitable location for installation.

2



Drill 3 holes, and fix the template with screws.

3

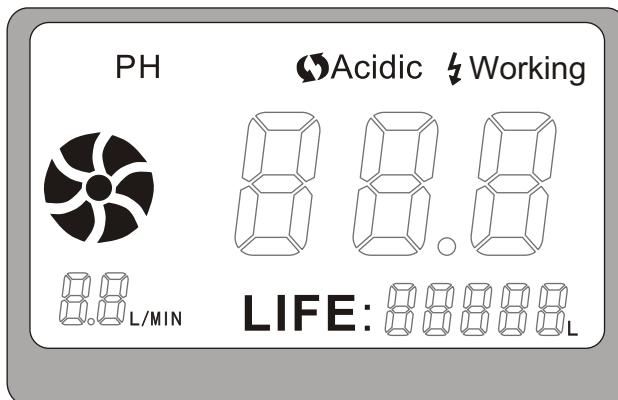


Hook the unit on the template.

# FILTER REPLACEMENT PROCEDURE

## When to replace filter

- How to replace the filter is indicated by the LCD display.
- Filter service life to be 9,000 liters in original setting.
- The number of liters reduces after each time of water use.
- Replace the old filter when the number of liters reduced to 0.



## Warning:

If the following events happened, you must replace the old filter immediately.

- Water with peculiar smell.
- Over one year since you used the unit - 18mths.
- Water pressure reduces tremendously.

## Note:

- The filter life reduces due to the following reasons.
- Water pressure is lower than usual.
- Water is turbid.

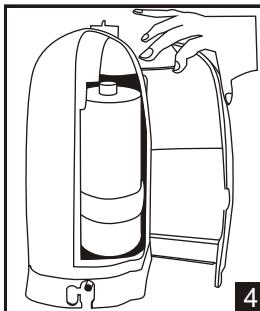
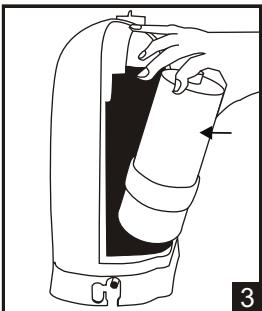
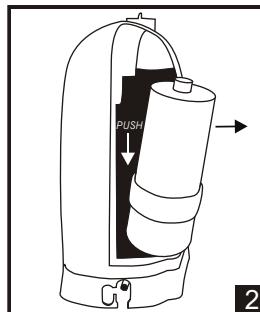
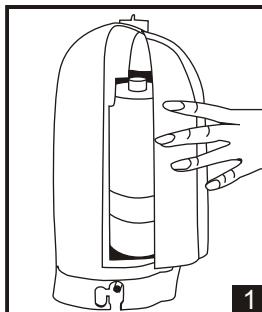
## FILTER REPLACEMENT PROCEDURE

To replace the filter, turn off the water and switch off the ionizer unit by the mains and unplug it. Then remove the unit from the wall where it is attached.

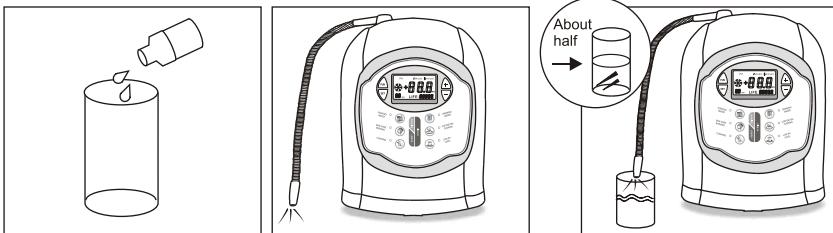
1. Open the cover of the filter.
2. Pull the upper part of the filter by pressing down gently. Pull the filter away from the body of the ionizer. The filter should still be connected to the below trough.
3. The filter should then be easily removed from the below trough.
4. Fit the new filter unit, (with below trough attached) into the base of the ionizer unit, by pushing the base in first and pushing the filter up into ionizer unit. Turn the filter until it locks securely.
5. It is recommended that the extended cleaning programmed be run to check for leaks.

If there are no problems replacing the back pane, then attach unit to wall. In case of a leak, repeat procedure again from start. If problem persists, contact the supplier.

After changing the filter, press the "FUN" bottom on the control panel. You will see the "Cln" on the LCD display; then press the "SET" bottom then press the "—" bottom. You will hear beep-beep sound, which means you have initialize the filter changing time.



# HOW TO TEST THE PH / CHLORINE



1. Add 2 Drops of the PH / Chlorine testing solution to sample.

2. Compare the resultant hue to the ph inspection chart.  
It will tell you the ph level.

3. The chlorine testing result should be yellow in your tap water,  
the ionized water should colorless.



## CAUTION



1. Keep away the testing kit from fire.
2. Testing kit or water with testing solution should not drink or drop into eyes.
3. Keep the testing kit out of children's reach.
4. If drink accidentally, then drink lots of water and go to the hospital immediately.



5. If drop it into eyes, then rinse with clean water and go to the hospital immediately.
6. To enable JA303 start functioning, water flow must not lower than 1.2 LPM.
7. Auto-flush begins every 12 hour of using.  
System will go back to normal function after 30 seconds auto flushing. Please don't switch any indicators lights during auto-flush.

## TROUBLE-SHOOTING

Phenomenon	Why	How
Water production is decreasing water flow less water pressure less	Filter clogged	Replace new filter
	Flexible hose winding	Straighten the hose
Unpleasant smell	1. The filter expired 2. Over-ionized	1. Replace new filter 2. Try lower PH or ORP
Something solid in water	Alkaline mineral solidify	Let ionizer make come acid water
After replacing new filter, the filter life screen is still empty	Forget to set filter life	Setting filter life (See replace filter)
LCD display turns off suddenly	The unit has power saving mode. After using the machine, the LCD panel will turn off automatically in 20 seconds.	Turn on the faucet, and the unit will start again.

# FAQ

**Q1: What is white powder which sticks to the cup or kettle?**

A1: Alkaline-forming minerals. Which contains Calcium, Magnesium, and Sodium, Potassium, Iron and Manganese. The white power will appear after boiling the alkaline water. It's all right for drinking.

**Q2: What kind of water should be used?**

A2: Normal city tap water is preferred.

**Q3: Do I have to unplug the unit if I don't use the unit over one week?**

A3: Please take off the filter from the unit, and keep the filter in a clean bag, and unplug the unit. When you need to use it again, install the filter and let it run for about 5 minutes before you drink.

**Q4: Why there are little bubbles in the ionized water?**

A4: During the ionized process water is mixed with the air.

**Q5: Why we can't take medicine with alkalized water?**

A5: Because the water makes the medicine more absorbable. A 50mg tablet could affect your body as if it were a 100mg.

**Q6: Can babies drink alkaline water?**

A6: We'd suggest babies drink neutral clean water.

**Q7: What does the acidic water do?**

A7: Acidic water is for germ killing, cleansing, sterilizing and healing treatment. For external use only.

**Q8: Can I drink alkalized water directly?**

A8: As long as the filter is changed periodically, alkalized water can be drunk directly.

## **LIMITED WARRANTY**

### **A. What the warranty covers:**

We warrant this product to be free from defects.

### **B. How long the warranty is effective:**

The warranty is one year for all parts. (Filter excluded)

### **C. What the warranty does not cover:**

- I. Any product on which the serial number has been defaced modified or removed.
- II. Damage, deterioration or malfunction resulting from:
  - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - b. Repair or attempted repair by anyone not authorized by us.
  - c. Any damage of the product due to shipment.
  - d. Removal or installation of the product.
  - e. Causes external to the product, such as electric power fluctuations or failure.
  - f. Use of supplies or parts not meeting our specifications.
  - g. Normal wear and tear.
  - h. Any other cause which does not relate to a product defect.
- III. Removal, installation, and set-up service charges.

## SPECIFICATION

Model number	JA303
Voltage	AC-110V / AC-220V
Electricity	DC-2A~6A
Power consumption	100~200 W
Dimensions	315 x 275 x 140 mm
ORP level	+500MV ~ -400MV
Electronic wire	1.5M
Fuse protected	4A
Filtration capacity	16,000L
Method	ORP constant outlet & continue electrolysis
Chlorine removal	< 0.0001 ppm

## **SAFETY INFORMATION**

### **Read manual prior to installation and operation**

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- Verify with your health practitioner that prescribed medications or existing conditions will not be affected by alkalinity.
- Your new unit is intended as a point-of-use appliance only. Serious damage may result from misuse of your unit. Never attach any plumbing or tubing to flexible dispensing hose.
- Your unit will only operate on 110-220 VAC. Severe damage will occur if used on incorrect line voltage.
- Never drink the acidic water by-product from your unit.
- The unit is not intended for use on microbiologically unsafe water.
- Follow manufacturer's suggested uses for pH levels. The consumption of water that is too alkaline may cause diarrhea or other symptoms.
- No medical claims have been made nor implied by the manufacturer. Always see your physician at the first sign of illness. Manufacturer is not responsible for adverse effects that may result the use, or misuse of ionized water.
- Never operate the unit with hot water. Serious filter and water cell damage will result.
- Never open the case of your unit. There are no serviceable components, aside from the filter, which are accessed by removable covers.
- Maintain a clean and dry area around your unit. Never allow unit to sit in standing water.
- Notify your unit dealer at the first sign of malfunction and discontinue use immediately.