



**PROFESSIONAL
PLATINUM
WATER IONIZER**

DIGITAL WATER IONIZER

Operation Manual

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※ Make sure to read the following for your safety and protection.



Warning symbol to indicate importance of danger such as fire and personal injury.



Caution symbol to indicate precautions and damage to the unit.

IMPORTANT DISCLAIMER NOTE ABOUT DRINKING IONIZED WATER:



Disclaimer:

- The Platinum Digital Water Ionizer is a water purification product.
- Please ensure correct usage of this product and that you have read the instructions fully.
- If you feel you are experiencing adverse effects and pain persists, please consult a health care professional.



For better drinking:

- Always discard the initial dispensed water as a precaution. This will ensure the integrity of the desired “strength” level selected.
- Initially, drink a small amount of level 1 Alkaline water, thereafter increasing level relative to personal tolerance and understanding of personal need.
- In order to not compromise the integrity of prescribed medicine, ensure “purified water” is selected to take with any medicine prescribed by an authorized medical practitioner.
- Optimum drinking levels are based on a normal distribution of the populations needs, it is not recommended by the manufacturer to drink higher than pH 10.

① For electrical safety



If the unit is immersed in water, pull out the power plug immediately and then take the unit out of the water.

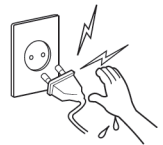


Avoid an electric circuit overload of an outlet or electric wiring. Connect the unit power plug to the corresponding AC voltage outlet.

- ▶ Ensuring the unit is connected directly and solely to a power supply will avoid overloading the appliance and reduce risk.

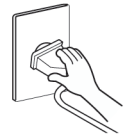


Do not touch the power plug with wet hands when plugging or unplugging from a wall outlet.

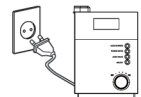


Completely plug in the power cord for stable fitting.

- ▶ If the plug-in fitting is not stable, it may cause an electric shock or fire by overheating.
- ▶ Do not use a damaged plug or unstable wall outlet.



If the supplied cord is damaged, it must be replaced by the manufacturer, its service agent, or qualified persons. Please refer to this condition to your salesperson and enforce manufacturer's warranty as per the warranty card instructions.

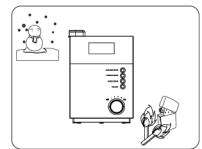


② For stable installation



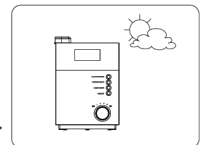
Do not install the unit in freezing temperatures or near any fire source.

- ▶ Correct environment temperature range: 10° - 95° C (50° - 95° F)
- ▶ Correct inflow water temperature: 5° - 30° C (41° - 86° F)

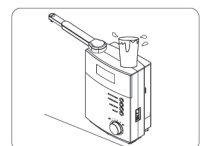


Do not install the unit in direct sunlight.

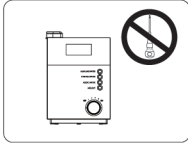
- ▶ Extreme environmental exposure may cause the exterior unit body to discolor and may cause the entire unit to warp/twist the casing. This may result in mechanical failure.



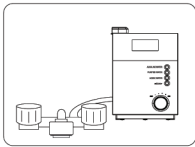
Always install the unit on a level surface.
Do not place anything heavy on top of the unit.



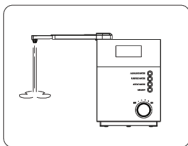
③ Operational safety guidelines:



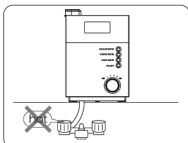
- Do not disassemble, repair, or modify in any situation.**
- ▶ Personal safety could be compromised.
 - ▶ For repair, please contact your authorized sales agent.



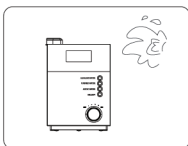
- Do not use any water other than sanitary drinking water.**
(municipal water, etc.)



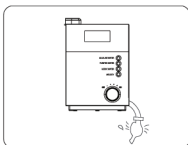
- Let the unit have water input and output for 2-3 minutes before first operation of the unit after installation.**



- Never allow hot water input into the unit.**
This may cause severe damage to its interior, especially the filter and ionization chamber.
- ▶ Optimum input water temperature: 5° - 30° C (41° - 86° F)



- Never spray the unit with water, nor clean the unit with water or other liquid.**
- ▶ Cleaning with a micro fiber or soft cloth is recommended.



- Do not clog, bend, twist, or kink the water input and output hoses.**
- ▶ Ensure water hoses are not constricted to ensure correct water flow in and out of the unit.

④ Summary

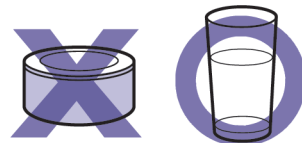
- Do not give too high a drawing tension to the power cord when you pull the cord out of a socket.
- Keep the unit in a dry environment.
- Keep the unit clean away from dust, hot temperature, sunlight, salts, chemicals, etc.
- Do not attempt to modify the color, shape, or appearance of the unit.
- Clean the unit with a soft, dry, washcloth.
- For optimum performance, keep the unit in a clean condition.

⑤ Others

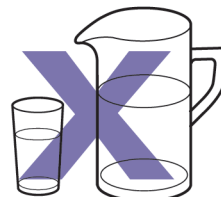


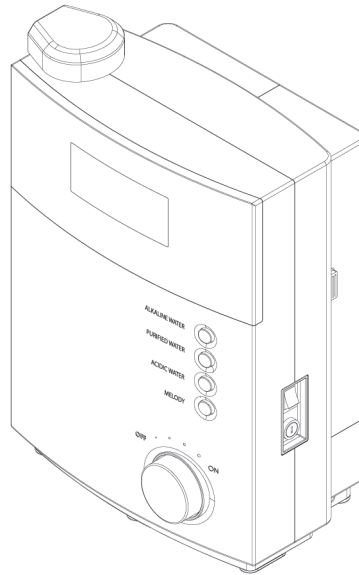
Do not use an Aluminum (weak against alkaline liquid), copper (weak against acid) or other metallic receptacle to store ionized water.

- ▶ Glass or ceramic containers are recommended.

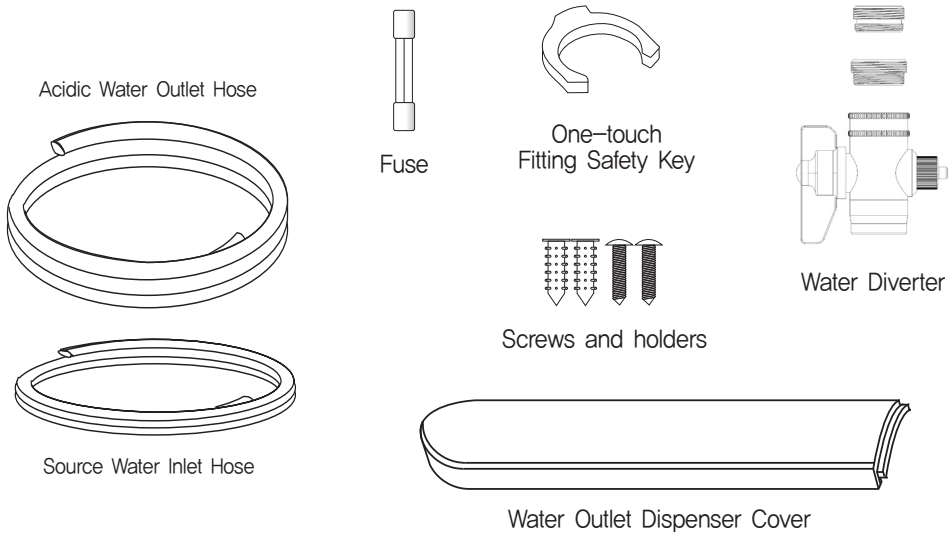


Do not drink ionized or purified water after being stored for a longer period than 3 days.
Ionized water is no longer ionized after a period of storage.
Ionized water is best used fresh.



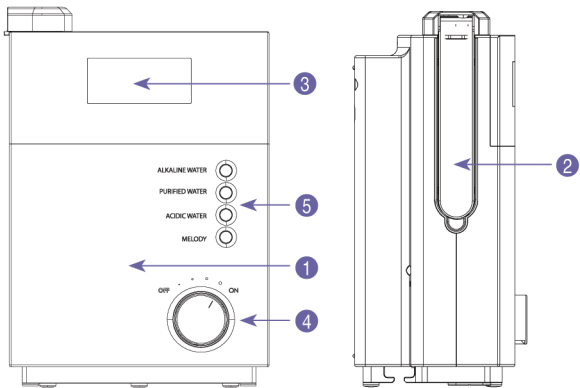


Unit Body



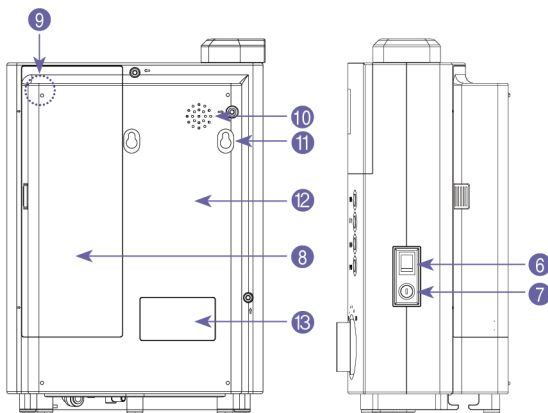
※ Accessories are subject to change depending on the product specification

FRONT FACE



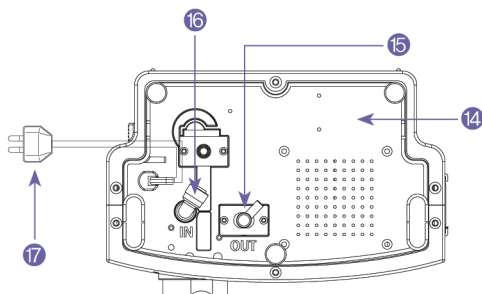
1. Front Side
2. Alkaline Water Outlet Dispenser
3. LCD Screen (Function Indicator)
4. Water Supply Control Valve
5. Control Buttons

BACK FACE



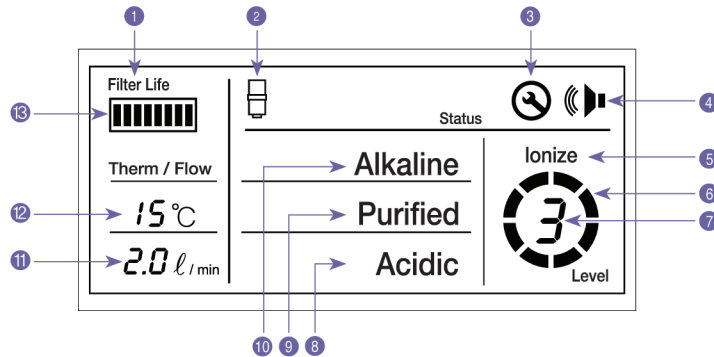
6. Main Power Switch
7. Fuse Holder
8. Filter Cover
9. Filter Connection Terminal
A filter cartridge must be connected to the terminal when the filter is replaced with a new one.
10. Speaker
11. Holes for Wall Mount
12. Rear Side
13. Label

FOOT FACE



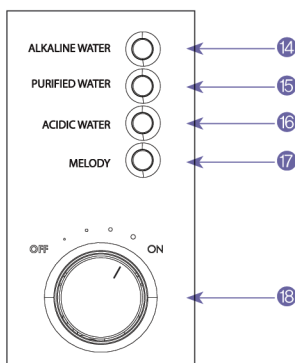
14. Foot Side
15. Acidic Water Outlet Port.
16. Water Inlet Port
Connect with a water supply hose
17. AC Power Cord

LCD SCREEN (Function Indicator Window)



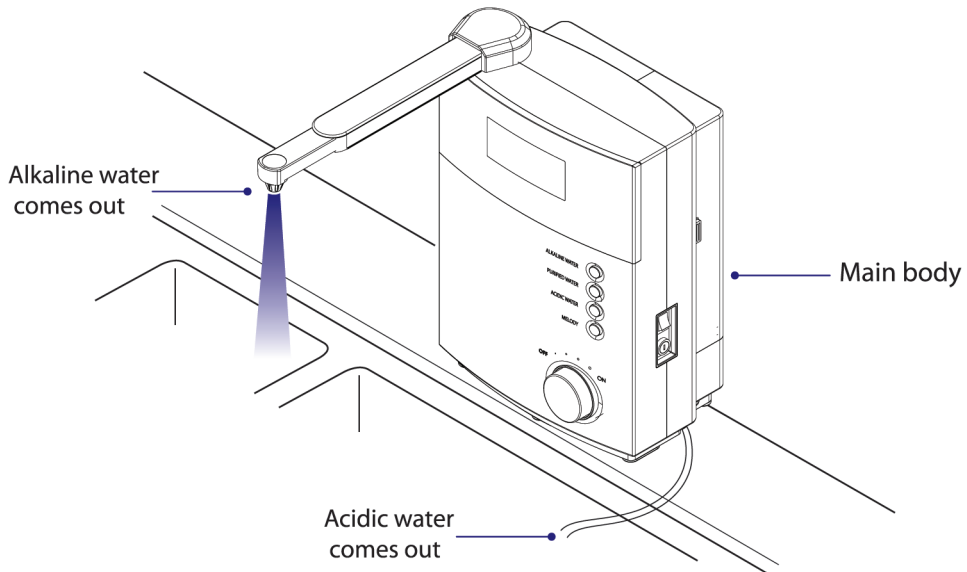
- | | |
|---|--|
| <p>1. Filter Life Indicator
Replace filter when it flickers</p> <p>2. Filter Authenticity Indicator
It is to identify the filter authenticity
It flickers when an authentic filter is not used</p> <p>3. Checkup Icon
It flickers when the unit requires servicing</p> <p>4. Melody Icon
It indicates the melody function is working</p> <p>5. Ionization
Indicates the process of Ionization</p> <p>6. Water inlet indicator
It rotates (swirls) when water flows into the unit</p> <p>7. pH level indicator
it indicates a selected pH level</p> | <p>8. Acidic Water Choice Indicator
Indicates the choice of acidic water</p> <p>9. Purified Water Choice Indicator</p> <p>10. Alkaline Water Choice Indicator
Indicates the choice of alkaline water</p> <p>11. Water Inflow Rate Indicator
Optimum flow rate 1.5 to 2.0 liters
(1/2 gallon) per minute</p> <p>12. Inlet Water Temperature Indicator
Optimum temperature range
5° - 30° C (41° - 86° F)</p> <p>13. Filter Life Icon
Indicator bars decrease from the right side with use</p> |
|---|--|

CONTROLLER PANEL



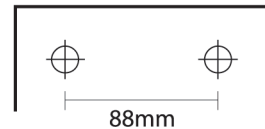
- 14. Alkaline Water Button**
Push the button to choose alkaline water output
- 15. Purified Water Button**
Push the button to choose purified water output
- 16. Acidic Water Button**
Push the button to choose acidic water output
- 17. Melody Button**
The melody automatically plays when the acidic water output mode is selected, push the melody button to mute the melody program.
- 18. Water Supply Control Valve**
To start / stop the unit's operation by opening / closing the valve and to adjust water inflow rate

VIEW OF AN INSTALLED UNIT



WALL- MOUNT INSTALLATION

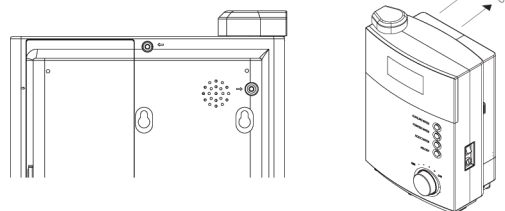
- Vertically attach the provided installation guide paper on the intended location of the wall after slightly pasting the guide paper with water.



- Drill holes into the wall on the wall stud position as shown in the guide paper and insert the screw holders. Screw down the studs into the screw holders (1 cm length of the studs over the wall surface is needed).

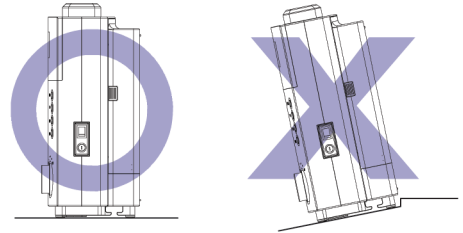


- Mount the unit on the wall, inserting the wall studs into the backside holes of the unit.



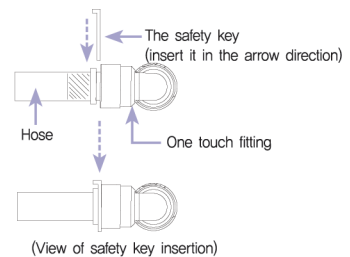
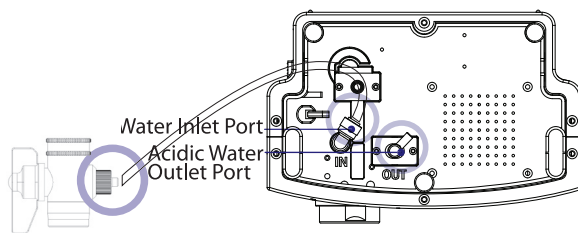
INSTALLATION PROCEDURE

- ① Select a solid flat surface with proximity to a power supply for desired location.

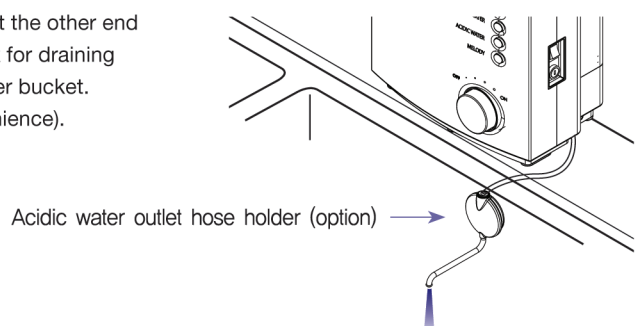


- ② Connect the provided 1/4" hose to water inlet port firmly

- ① In case of one touch fitting type, insert water inlet port nozzle into the tip of the hose completely (fasten the safety key thereon after making connection)
- ② In case of two touch fitting type, screw the nut tightly to ensure a water tight fitting



- ③ Connect the hose to Acidic Water Outlet Port and cut the other end of the hose to have sufficient length to reach the sink for draining away acidic water or for connecting to an acidic water bucket. (Option: Hose-fixation holder can be used for convenience).

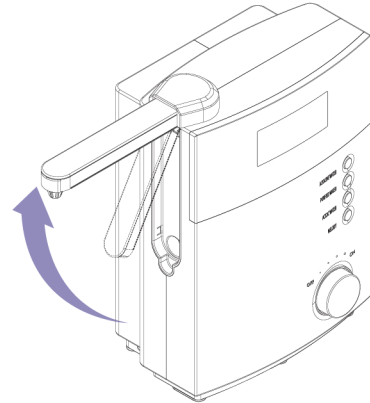


- ▶ In case the acid water outlet hose is steeped in water in a receptacle or the hose is unnecessarily long, an outflow rate of ionized water might be suspended. For this reason, maintain a shorter hose length to allow natural flow rate for drainage.
- ▶ Do not lift the acidic water outlet hose up to the height of the installed unit. Otherwise this will hinder the water drain from the unit and may cause internal damage to the unit.

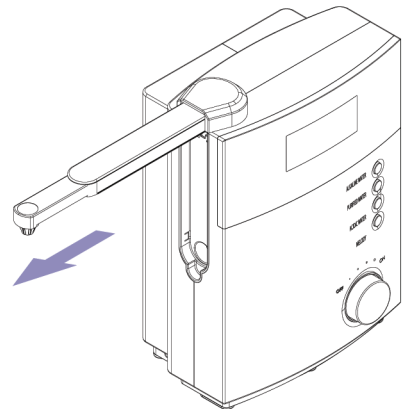
USAGE OF THE ALKALINE WATER OUTLET DISPENSER

The Alkaline Water Outlet dispenser on the top of the unit is a fold-down type. Handle the dispenser as per the following diagram

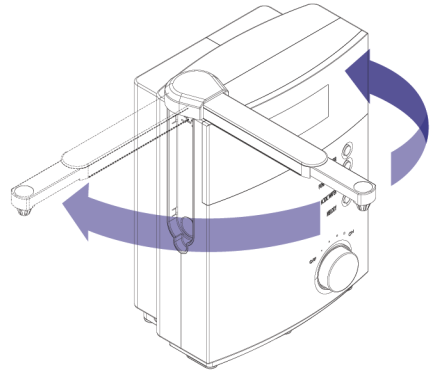
- ① Lift up the dispenser arm to the height of the unit to have it positioned horizontally.



- ② The dispenser arm has the two stage stretch and can be further extended horizontally if required

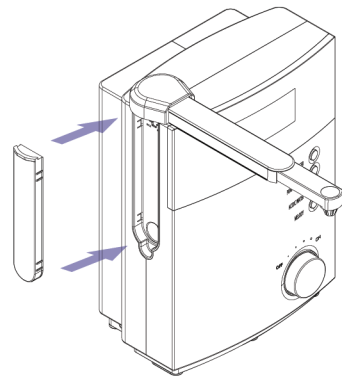


- ③ Have the dispenser positioned in the intended direction.
It can be horizontally rotated.



USAGE OF THE ALKALINE WATER OUTLET DISPENSER COVER

Push and attach the cover onto the position as shown in the picture below



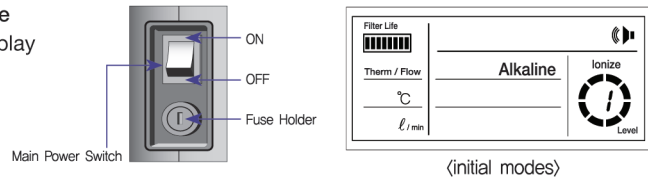
- ▶ When the unit is not in regular use, have the underneath face of the alkaline water outlet dispenser covered by the cover. It protects the dispenser surface and prevents any possible attachment of foreign materials.
- ▶ In case the unit is not used for a long period of time, fold down the dispenser and relocate it back to the dispenser holder room for safe storage.

HOW TO OPERATE—POWER / WATER SUPPLY

- 1 Plug in the AC power plug firmly



- 2 Turn on the main power switch on the right side
 - ▶ The unit will beep and the LCD screen will display the initial modes

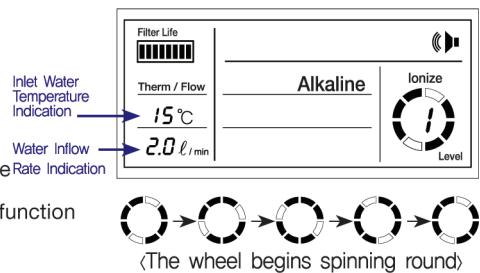


- 3 Slowly rotate the water supply control valve clockwise to have the water inflow into the unit



- 4 Notice the water inflow rate as shown in the screen and adjust if necessary

- ▶ The water inflow rate is indicated in numerical form
- ▶ The optimum inflow rate is 1.5-2.0 liters/min (0.39-0.52 gal/min)
- ▶ Adjust the water inflow rate by using the water supply control valve
- ▶ The screen backlight color will be varied according to the chosen function and pH level

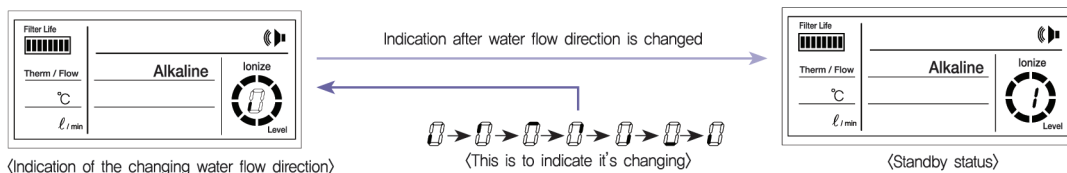


HOW TO STOP THE OPERATION

- 1 Rotate the water supply control valve counterclockwise to the (off) position



- 2 The unit will return to standby mode status



- ※ Occasionally there is a “tick” sounding noise from inside the unit after stopping the operation. This is not a malfunction, but the normal sound when the drain valve is opened and closed.

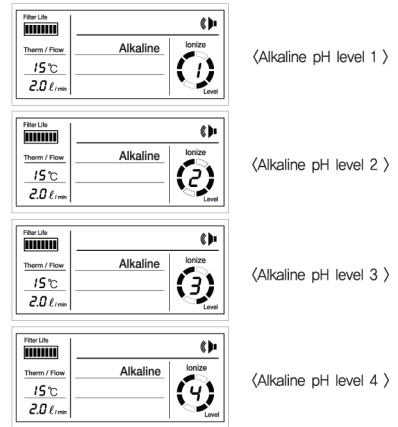
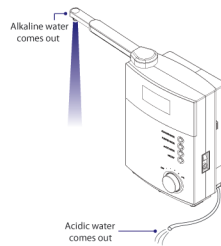
HOW TO OUTPUT ALKALINE IONIZED WATER

- 1 Rotate the water supply control valve clockwise to have water inflow into the unit



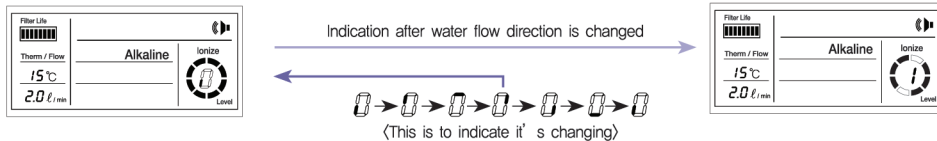
- 2 Push the Alkaline Water button and choose the pH level by pushing the button repeatedly

- ▶ Alkaline water comes out from the Water Outlet Dispenser and acidic water comes out from the lower Water Outlet Hose.
- ▶ pH level number is alternated in regular sequence of 1→2→3→4→1→2→3→4 when you push the button repeatedly.
- ▶ The screen backlight color will vary according to the chosen pH level.



- 3 When you push the Alkaline Water button during the purified water mode:

- ▶ The unit gives the “Alkaline Strength level 1” voice notice.
- ▶ Alkaline water is generated after the water flow direction alteration valve works.
- ▶ Alkaline water comes out from the top Water Outlet Dispenser and acidic water comes out from the lower Water Outlet Hose.
- ▶ pH level number is alternated in regular sequence of 1→2→3→4→1→2→3→4 when you push the Alkaline Water Button repeatedly.

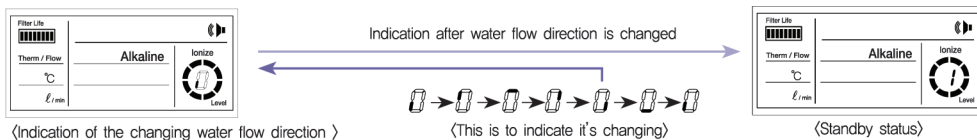


HOW TO STOP THE OPERATION

- 1 Rotate the Water Supply control Valve counterclockwise (off)



- 2 The unit will return to standby mode status

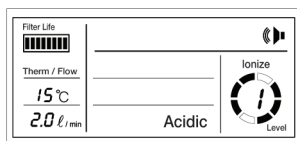
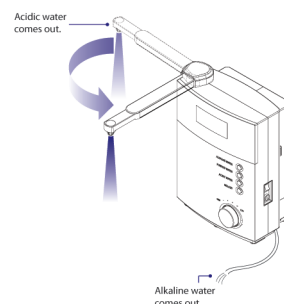


HOW TO OUTPUT ACIDIC IONIZED WATER

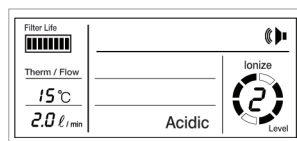
- 1 Rotate the water supply control valve clockwise to have water inflow into the unit
 - ▶ Alkaline water mode appears initially



- 2 Push the Acidic water button for acidic water outlet mode
 - ▶ The unit gives the "Acidic Strength level 1" voice notice (in case of pH level 1 mode) and melody.
 - ▶ Alkaline water comes out from the Water Outlet Hose and acidic water comes out from the top Water Outlet Dispenser.
 - ▶ pH level number is alternated in regular sequence of 1→2→1→2 when you push the button repeatedly.
 - ▶ The screen backlight color will vary according to the chosen pH level.

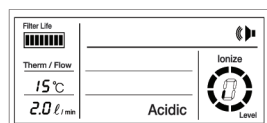


<Acidic pH level 1>

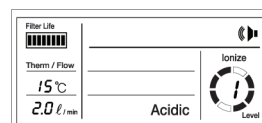
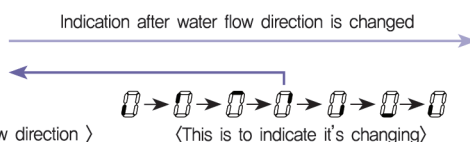


<Acidic pH level 2>

- 3 When you push the Acidic water button during the purified water mode:
 - ▶ The unit gives the "Alkaline strength level 1" voice notice and melody, 1→2→1→2
 - ▶ Acidic water is generated after the water flow direction alteration valve works (about 15 seconds).
 - ▶ Alkaline water comes out from the lower Water Outlet Hose and acidic water comes out from the top Water Outlet Dispenser.
 - ▶ pH level number is alternated in regular sequence of 1→2→1→2 when you push the Acidic Water Button repeatedly.

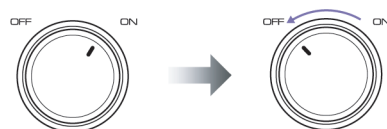


<Indication of the changing water flow direction >

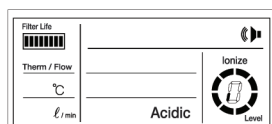


HOW TO STOP THE OPERATION

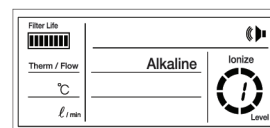
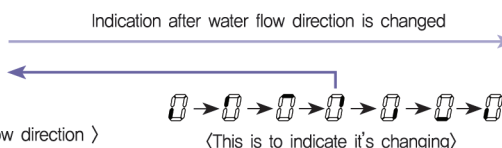
- 1 Rotate the water supply control valve counterclockwise (off)



- 2 Then the unit will return to standby mode status



<Indication of the changing water flow direction >

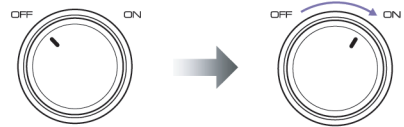


<Standby status>

HOW TO OUTPUT PURIFIED WATER

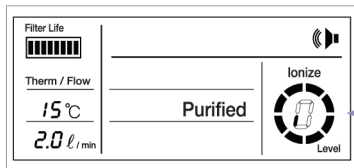
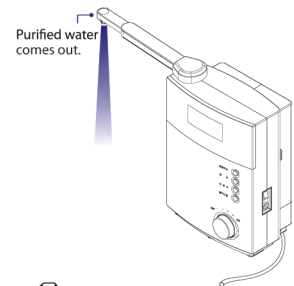
1 Rotate the water supply control valve clockwise to have water inflow into the unit

- ▶ Alkaline water mode appears initially.



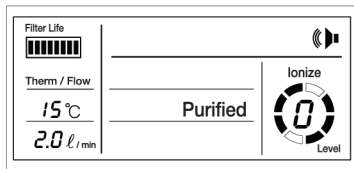
2 Push the Purified Water Button for purified water outlet mode

- ▶ The unit gives the “purified water” voice notice.
- ▶ Purified water comes out from Water outlet dispenser. (PLEASE NOTE: No water comes out from the Water Outlet Hose)
- ▶ The screen backlight color will be green to indicate the purified water mode.



⟨Indicating the water flow direction change⟩

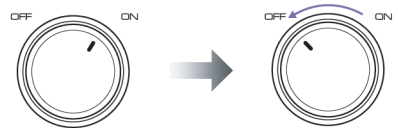
⟨ Purified water choice indication : water flow direction alteration valve works ⟩



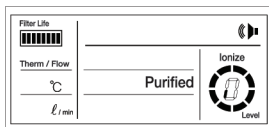
⟨ Water-purifying operation status: water flow direction alteration valve stopped ⟩

HOW TO STOP THE OPERATION

1 Rotate the Water Supply Control Valve counterclockwise (off)



2 Then the unit will return to a standby mode status

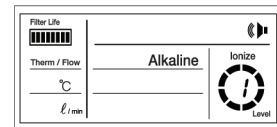


⟨Indication of the changing water flow direction ⟩

Indication after water flow direction is changed



⟨This is to indicate it's changing⟩

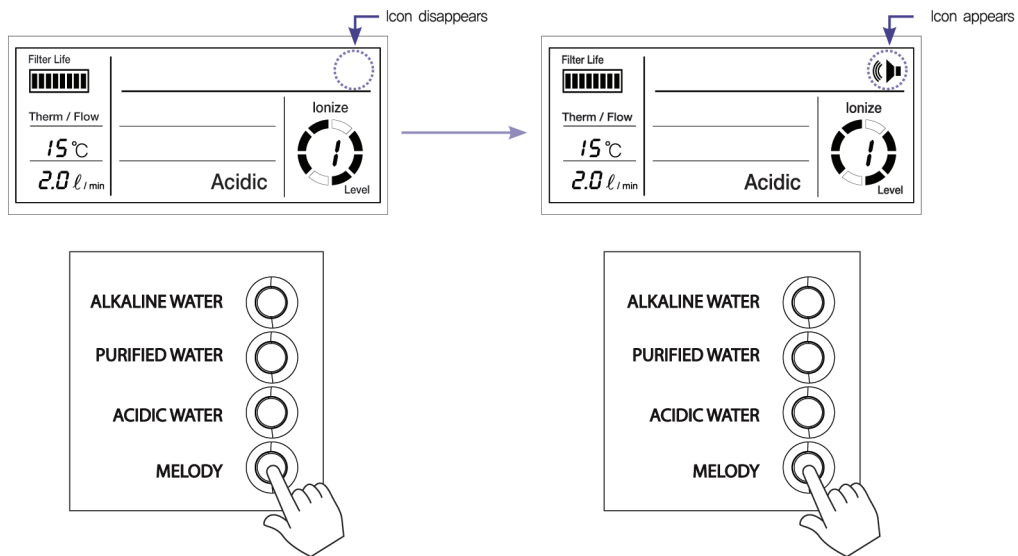


⟨Standby status⟩

MELODY ON/OFF

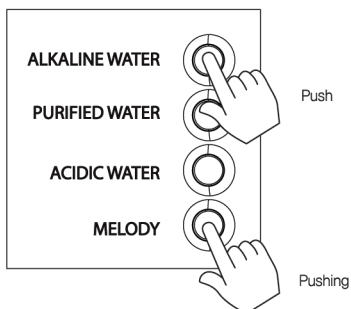
1 Just push the melody button to turn the melody sound on or off

- ▶ Push the Melody Button, and the melody sound will be mute.
- ▶ Push the Melody Button once again, and the melody sound will be on with appearance of a melody icon on the LCD Screen.
- ▶ The melody function works only in the acidic water outlet mode.
- ▶ A voice guide works even in case the melody sound is off.

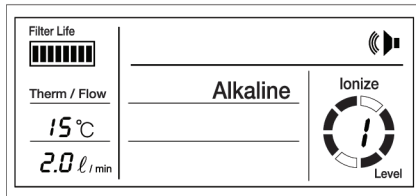


2 Melody voice speaker volume adjustment

- ▶ Pushing the Melody Button and at the same time push the Alkaline Button once, twice, Three times – so one can adjust the melody sound volume.
(The melody, voice volume adjustment can be made only when the melody icon appears)



FILTER REPLACEMENT

1 Replace the filter when the Filter Life Indicator flickers

- ▶ When a filter life is over, the filter life icon flickers and there is a voice guide "please replace with a new filter".

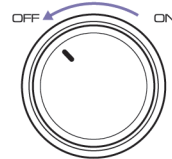
It is the filter replacement timing when the icon flickers.



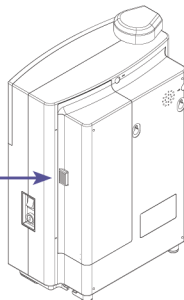
The icon starts flickering when 3 % of the full filter life remains available

2 Shut off the water inflow into the unit

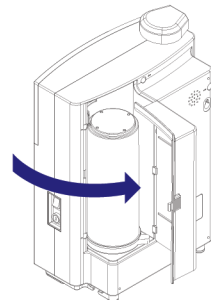
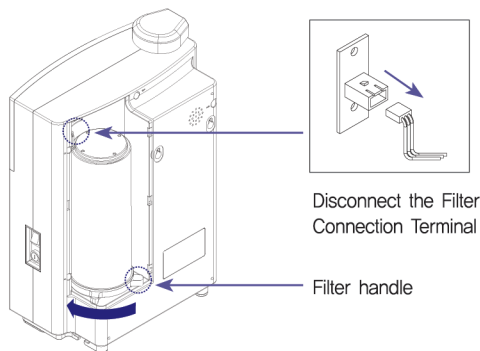
- ▶ Turn off the Water Supply Control Valve.

**3** Open the Filter Cover as shown in the pictures below

1. Push the filter cover lock part in the arrow direction,



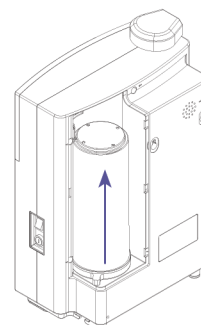
2. Pull the filter cover in the arrow direction and disassemble it from the unit body.

**4** Disconnect the Filter Connection Terminal, drag the filter handle to the left direction and remove the used filter cartridge

Disconnect the Filter Connection Terminal

Filter handle

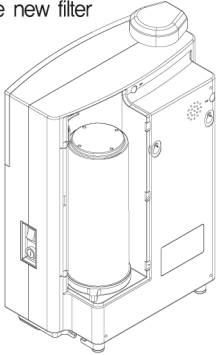
Drag the filter handle



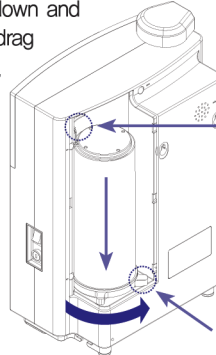
Remove the used filter cartridge in the arrow direction.

5 Insert the new authorized filter

1. Insert the new filter cartridge.

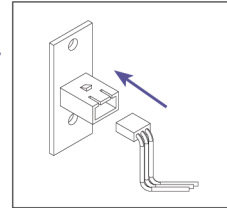


2. Push the filter down and simultaneously drag the filter handle.



Filter handle

3. Connect the Filter Connection Terminal.

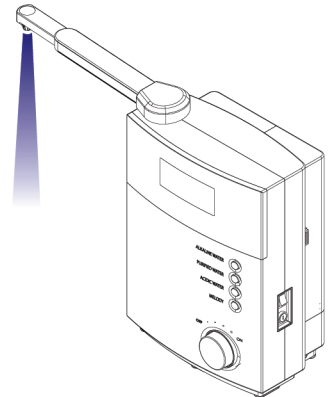


- 1 Insert the new filter.
- 2 Push down the filter and drag the filter handle at the same time.
- 3 Connect the filter top cable with the Filter Connection Terminal.

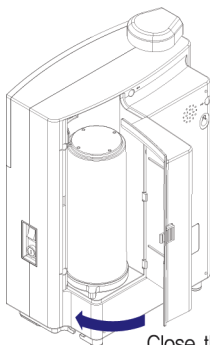
※ Water will leak from the filter connection points when the O-ring is damaged or taken off. Carefully have the O-rings positioned correctly when a filter replacement is made.

6 Turn off the main power switch and have water inflow into the unit for 2-3 minutes, turning on the water supply control valve (repeat 2 or 3 times)

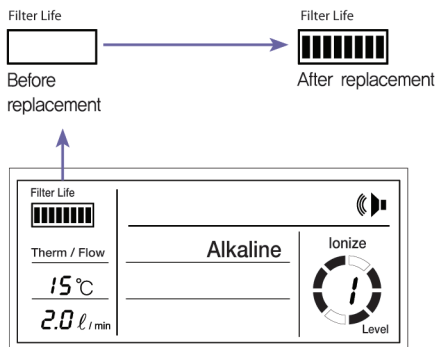
※ After replacing with a new filter, initial outlet water may be dark colored. Such a dark color is caused by an outflow of active carbon fines from the new filter. The carbon fines (fine size particles) are not harmful for drinking and should not appear after 2~3 minutes of running water through the unit when turned off.




7 Check to ensure there is no water leakage after replacing the filter. Filter life is automatically displayed when the unit is turned on (when you insert a used filter, its remaining life is displayed). Close the filter compartment cover.



Close the filter compartment cover.



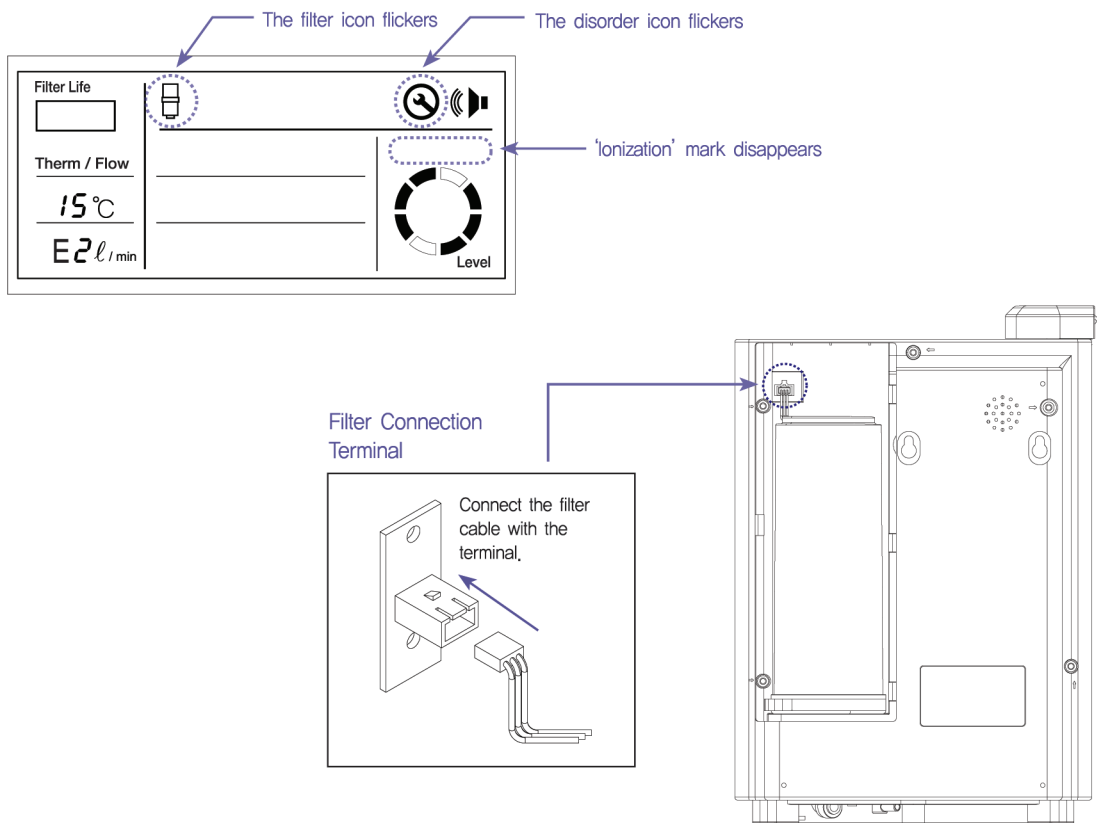
Please consider replacing the filter with a new one even if the Filter Life Indicator is not indicating the replacement timing (), in the event of the following abnormal conditions:

- ▶ Noticeable decrease in water outflow from the unit or a strange smell from outlet water.
This could indicate that the filter is clogged due to a higher than expected level of pollutants.
- ▶ When there is a noticeable change in water.
- ▶ When the unit has not been used for a substantial amount of time (i.e. 6 months). Idle filters with trapped contaminants can encourage bacterial growth. Ensure regular usage to prevent this situation.

※ A filter life length can be changed according to the source water quality and unit operation condition.

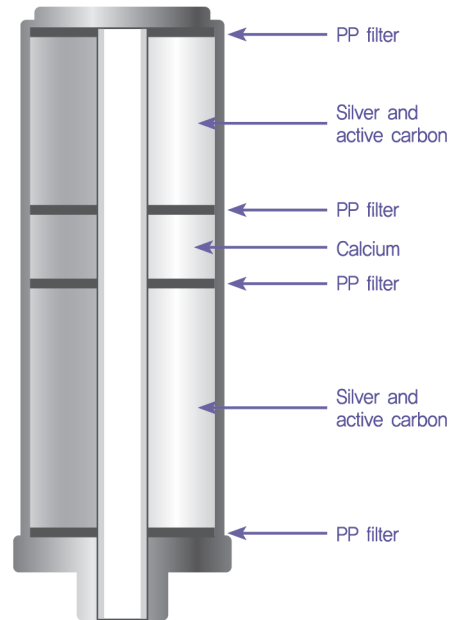
8 Always use the producer's authentically approved filter for the unit.
The following conditions are the result of NOT using an authentic approved filter:

- ▶ The unit has the function of self-check of the integrated system before any operation starts.
- ▶ The voice guide, "please insert an authentically approved filter" is given, and will repeat.
- ▶ Alkaline ionized water is not generated even if output water comes out.
- ▶ The Filter Icon and the Disorder Icon will continue to flicker in recognition of the incorrect filter.
- ▶ In that case, please replace with an authentically approved filter and connect with the filter cable terminal.
- ▶ Warranty will VOID due to user's misuse or carelessness. The manufacturer can not guarantee the units correct operation if the user chooses to use a non authorized internal filter.



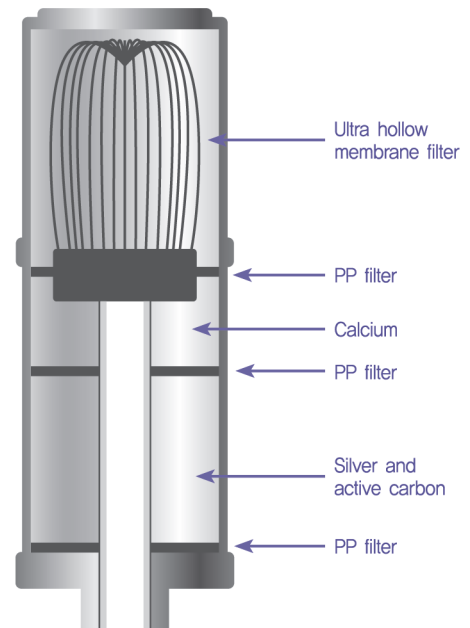
CARBON FILTER COMPOSITION

- ▶ **Silver-impregnated (germicidal) active carbon layer**
Silver is coated on the surface of the active carbon particles to retard bacteria's propagation. This layer eliminates bad tastes, odor, agrichemicals, disinfectants, phenol, trihalomethane and other harmful chemicals in source water.
- ▶ **Active carbon particle layer**
This layer eliminates bad tastes, odor, agrichemicals, disinfectants, phenol, trihalomethane and other harmful chemicals in source water.
- ▶ **Calcium layer**
This layer eliminates chlorine in water.
- ▶ **PP filter**
It filtrates the suspended substances, rust and sediments etc.



ULTRA HOLLOW MEMBRANE FILTER COMPOSITION (Option)

- ▶ **Ultra hollow membrane filter**
The micro size pores filtrate pollutants and/or impurities.
- ▶ **Silver-impregnated (germicidal) active carbon layer**
Silver is coated on the surface of the active carbon particles to retard bacteria's propagation. This layer eliminates bad tastes, odor, agrichemicals, isinfectants, phenol, trihalomethane and other harmful chemicals in source water.
- ▶ **Active carbon particle layer**
This layer eliminates bad tastes, odor, agrichemicals, isinfectants, phenol, trihalomethane and other harmful chemicals in source water.
- ▶ **Calcium layer**
This layer eliminates chlorine in water.
- ▶ **PP filter**
It filtrates the suspended substances, rust and sediments etc.



Abnormal condition	Cause	Treatment
Main power lamp does not come on.	<ul style="list-style-type: none"> · Insufficient water inflow. · A power cord is not properly plugged in. 	<ul style="list-style-type: none"> · Increase water inflow. · Ensure that power cord is plugged in correctly.
	<ul style="list-style-type: none"> · The fuse is blown. · The fuse is not inserted properly. 	<ul style="list-style-type: none"> · Replace the fuse.
Ionized Water Lamp does not turn off even after turning the tap off.	<ul style="list-style-type: none"> · Abnormality of Power Circuit Board. 	<ul style="list-style-type: none"> · Immediately pull the plug out of the power socket and then contact the selling agent for service.
Power supply is suddenly cut off during operation.	<ul style="list-style-type: none"> · Too high TDS. (total dissolved solids) · In case of well water or bore water used. 	<ul style="list-style-type: none"> · It is the apparatus' automatic function to protect the unit mechanism from a possible excessive electric current. The unit will automatically re-operate after cooling off.
Reduced output of ionized water from the unit	<ul style="list-style-type: none"> · Filter is clogged. · Filter clogging may be caused by sudden inflow of seriously polluted source water, even if a filter life is still effective. 	<ul style="list-style-type: none"> · Filter replacement is needed.
	<ul style="list-style-type: none"> · Low inflow pressure. 	<ul style="list-style-type: none"> · Take a hose away from the diverter adaptor and make sure that diverter valve is not clogged. · Check water inflow pressure.
	<ul style="list-style-type: none"> · The supply hose is kinked. 	<ul style="list-style-type: none"> · Straighten the kinked hose.
Output water comes out, but alkaline water has the neutral pH (no ionization). The voice guide, "please check the filter connection" is given.	<ul style="list-style-type: none"> · An authentically approved filter is not used. · An authentically approved filter is used, but the filter cable is not connected to the terminal 	<ul style="list-style-type: none"> · Replace with the authentically approved filter. · Connect the filter cable to the filter cable terminal.

※ What is TDS (Total Dissolved Solids) ?.

It means a total quantity of solids dissolved in water, i.e. calcium, magnesium, iron and other mineral solids.

Abnormal condition	Cause	Treatment
Strange smell from output water	<ul style="list-style-type: none"> · Filter life (longevity) is expired. · Filter life is extremely shortened as poor quality water is used. 	<ul style="list-style-type: none"> · Filter replacement is needed.
	<ul style="list-style-type: none"> · Due to sudden change of source water quality and excessive chlorine contained in the source water. · Infinitesimal chlorine might be present in output water. 	<ul style="list-style-type: none"> · Select pH level 1~2, i.e. lower pH strength. · If still serious, filter replacement is needed.
Milk-white materials precipitate on the bottom of an ionized water receptacle (alkaline and acidic water)	<ul style="list-style-type: none"> · It is extracted Calcium Carbonate (CaCO₃), after the CO₃ in water is bonded with Ca if a high content of CO₃ exists in the water. 	<ul style="list-style-type: none"> · It is totally harmless. In this instance, select pH level 1~2, i.e. lower pH strength.
At first no smell, but smell from the output water in about 1 hour after collecting ionized water.	<ul style="list-style-type: none"> · The water-storage bottle or receptacle is contaminated. · Contamination is added into the bottle when collecting output water from the unit. · Filter is seriously polluted. 	<ul style="list-style-type: none"> · Check cleanliness of a water-storage receptacle. · If odor persists after cleaning receptacle, replace the filter and select pH level 1~2, i.e. lower pH strength.
Water leakage from filter compartment	<ul style="list-style-type: none"> · The filter is not fitted firmly on the filter base. · Rubber O-ring is taken off. 	<ul style="list-style-type: none"> · Take out the filter, check the filter compartment and re-install the filter. · Check the condition of the O-ring fitting.
No output of generated water from the acidic output hose.	<ul style="list-style-type: none"> · The output hose is kinked. · Insufficient water inflow into the unit. 	<ul style="list-style-type: none"> · Straighten the kinked hose or check the hose condition. · Increase the quantity of source water inflow.

UNIT SPECIFICATIONS

Product Manufacture Permission No.	No,2670 by KFDA	
Product Classification	Ionized water generator	
Input Voltage	AC 120V 50~60Hz	
Weight	Approx 5,1kg	
Overall Dimension(H×w×D)	345 × 240 × 150 (mm)	
Applicable Water Inflow Pressure Range	0.7 ~ 5Bar(Kgf/cm ²)	
Applicable Water Temperature Range	5 ~ 30°C (41° - 86° F)	
Unit Operation Type	One Touch Automatic Ionization Start	
Unit Operation Means	Tap-water-open and-close	
Electrolysis Device	Electrolysis Method	Continuous electrolysis
	Electrolysis Strength	1 ~ 4 level
	Ionized Water Output Rate	Maximum 2.5 liters per minute (two gallons every three minutes) (alkaline + acidic water)
	Cleaning Device	Automatic system (no waiting interval)
	Electrode Materials	Platinum and Titanium
Water-purifying Device	Filter Replacement	Easily replaceable cartridge
	Filter Life (Duration)	Approx 6 months based on 20 Litres (5.28 gal.)/ day. Approx 3,600 Litres. (951 gal.)
	Filter Life Indicator	Icon indication
	Filters	Pre-filters, silver-impregnated activated carbon filter and hollow membrane filter (option).
Hot Water Shutoff Device (for excessive current)	Temperature sensor / auto shutoff	
Water Supply	Direct connection to a faucet or water line	

WARRANTY CARD

Product Name		Model No	
Serial No		Purchase date	
Seller	Shop name	☎	
	Address		
Buyer	Name	☎	
	Address		

This certifies that your Professional Platinum Water Ionizer is warranted by Lake Industries to be free from defects in material, construction, and craftsmanship for a period of two years from the date of purchase. If service should become necessary, call (800) 261-4501 to receive a return authorization number (RAN). Please have serial number of unit and a copy of your purchase order available at the time of your call. Send product along with a description of the claimed defect, proof of purchase from the authorized distributor and package with sufficient protection, insurance, freight or postage prepaid, to the address below. Please be sure the RAN is clearly visible on the outside of the package. All transportation charges and shipping expenses are the purchaser's responsibility. Any part or parts, which, upon examination by Lake Industries are found to be defective, will be repaired or replaced without charge during the warranty. This warranty is limited to the original purchaser and is not transferable. The warranty does not apply to damage caused by failure to follow the instructions and installation instructions enclosed, accidents, misuse, abuse, or alterations, nor does it cover damage resulting from service by persons other than Lake Industries authorized service personnel. If exact product is not available, comparable product of equal value will be used for replacement.

Please note that this warranty specifically does not cover misuse or premature clogging of cartridges. Premature clogging of cartridges is a result of poor quality water with high levels of sediment and particulate matter. Accordingly, cartridges are not covered under the Two Year Warranty other than in the case of defects in material, construction, and craftsmanship.

Lake industries liability for this warranty is limited to the repair or replacement of defective ionizer. With the exception of damages resulting from Lake Industries' failure to comply with federal or state warranty law, Lake Industries shall not be liable for any incidental or consequential damages, whether direct or indirect. Some states do not allow the exclusion or limitation of incidental damages, or limitations on how long implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty is expressly granted in lieu of all other warranties except implied warranties. All implied warranties including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the period of this express warranty. This warranty gives you specific legal rights and you may also have rights that vary from state to state. If you have questions concerning the use and care of this product, of the service under this warranty, or otherwise, please contact:

Lake Industries- Customer Service Department
 4700 E. Airport Drive.
 Ontario CA, 91761



Therm (°C → °F)

0 °C → 32,0 °F	13 °C → 55,4 °F	26 °C → 78,8 °F
1 °C → 33,8 °F	14 °C → 57,2 °F	27 °C → 80,6 °F
2 °C → 35,6 °F	15 °C → 59,0 °F	28 °C → 82,4 °F
3 °C → 37,4 °F	16 °C → 60,8 °F	29 °C → 84,2 °F
4 °C → 39,2 °F	17 °C → 62,6 °F	30 °C → 86,0 °F
5 °C → 41,0 °F	18 °C → 64,4 °F	35 °C → 95,0 °F
6 °C → 42,8 °F	19 °C → 66,2 °F	40 °C → 104 °F
7 °C → 44,6 °F	20 °C → 68,0 °F	45 °C → 113 °F
8 °C → 46,4 °F	21 °C → 69,8 °F	50 °C → 122 °F
9 °C → 48,2 °F	22 °C → 71,6 °F	
10 °C → 50,0 °F	23 °C → 73,4 °F	
11 °C → 51,8 °F	24 °C → 75,2 °F	
12 °C → 53,6 °F	25 °C → 77,0 °F	

Flow (ℓ → U.S. gal)

0,5 ℓ → 0,13 U.S.gal	1,4 ℓ → 0,36 U.S.gal	2,3 ℓ → 0,60 U.S. gal
0,6 ℓ → 0,15 U.S.gal	1,5 ℓ → 0,39 U.S.gal	2,4 ℓ → 0,63 U.S. gal
0,7 ℓ → 0,18 U.S.gal	1,6 ℓ → 0,42 U.S.gal	2,5 ℓ → 0,66 U.S. gal
0,8 ℓ → 0,21 U.S.gal	1,7 ℓ → 0,44 U.S.gal	2,6 ℓ → 0,68 U.S. gal
0,9 ℓ → 0,23 U.S.gal	1,8 ℓ → 0,47 U.S. gal	2,7 ℓ → 0,71 U.S. gal
1,0 ℓ → 0,26 U.S.gal	1,9 ℓ → 0,50 U.S. gal	2,8 ℓ → 0,73 U.S. gal
1,1 ℓ → 0,29 U.S.gal	2,0 ℓ → 0,52 U.S. gal	2,9 ℓ → 0,76 U.S. gal
1,2 ℓ → 0,31 U.S.gal	2,1 ℓ → 0,55 U.S. gal	3,0 ℓ → 0,79 U.S. gal
1,3 ℓ → 0,34 U.S.gal	2,2 ℓ → 0,58 U.S. gal	

DIGITAL WATER IONIZER