KYK Co., Ltd promises to treat every customer fairly and respectfully with their health and happiness our number one priority.
Thank you for Being our Customer!

Dear Customer,

We appreciate your purchase of KYK alkaline water Ionizer medical substance producer and we wish you health and happiness.

Before operating the product, you must read the user manual carefully.

In the user manual, it contains the direction for operation as well as the characteristic of the product, so you can get the utmost out of an efficient and duration of product by using the characteristic of the product. And you can use the product more efficiently by proper operating of product and various use of characteristics.

All employees of company always respect the customer’s opinion and promise to try for the customer’s value, health and happiness.

If you have an inconvenience and an improvement of product, you will contact us at any time.

Again, we sincerely value you as our customer and hope that this will be the beginning of a satisfying relationship.

Thank you.

Sincerely
All employees of KYK Co., Ltd.
Special Features

1. Cutting edge slotted electrolysis plate technology!
Oversize platinum titanium electrolysis plates incorporate KYK's slotted plate technology, providing the best of all worlds; extremely long life-span, optimal electrolysis and optimal ionization, with none of the problems associated with mesh plates or the less effective ionization capabilities of non-slotted plates.

2. SMPS (switched mode power supply) power control system!
SMPS power supplies provide extremely stable power eliminating power loss and shortened life-span as is typical with older technology transformer-based power supplies systems.

3. Dual high capacity filters!
An activated carbon filter ensures pure water for 9000 liters (2377 gallons), and a specialized media filter removes fluoride and heavy metals for 6000 liters (1585 gallons). Both filters have extremely long life-spans, cutting down on the cost per gallon.

4. Electronically controlled filter life indicators!
The KYK Product tracks actual water usage rather than the amount of time that the unit is operating as do many other water ionizer products also reducing cost per gallon.

5. Electronically controlled filter contamination sensors!
The KYK Product continually monitors the cleanliness of its filters and promptly notifies you when the filters need to be replaced.

6. Nine preset pH levels!
Four alkaline water settings (8.5pH, 9.0pH, 9.5pH, and 11.5pH), one pure water (filtered only) setting and four acidic water settings (5.5pH, 5.0pH, 4.5pH, and 2.5pH), all with a convenient touch sensor selection system.

7. 76 programmable pH and ORP levels!
The KYK Product allows you to program nearly any pH and ORP combination, so as to customize your pH and ORP to the level that's right for you. This feature is essential due to the wide range of tap water quality in North America. Non-programmable ionizers cannot adjust to local tap water conditions, so these ionizers are at the mercy of your tap water and a handful of pre-set pH levels. The actual pH levels of non-programmable ionizers can vary greatly from the pH levels posted on the control panel of the unit. Simply put, when used in two different cities or states, a non-programmable ionizer will typically get two completely different pH level outputs when kept at the same pH setting.

8. Seven color LCD Display!
Shows pH level estimates, ORP level estimates, auto-diagnosis error codes, actual number of liters of filter life left in each filter, water flow rate, and sound levels.

9. Choice of pH or ORP display!
The KYK Product can show either the ORP or the pH of the water being ionized.

10. Voice prompt system!
The KYK Product notifies you of each system function with soothing voice prompts, chimes, and soft music -- all of which have five volume levels, as well as mute.

11. Complete auto-diagnosis system!
The KYK Product continually monitors six internal operating systems ensuring that you are immediately notified in the highly unlikely event of a problem.

12. Automatic cleaning system!
The KYK Product automatically initiates a cleaning cycle after each use.

13. Automatic draining system!
Drains water into the electrolysis cell system and filter to enhance full system cleaning and greatly extend the life-span of the KYK Product system over other water ionizer products.

14. Automatic pH and ORP control and display!
The KYK Product controls the pH and ORP of your water by adjusting the ionization according to the mineral content of your tap water. This allows the KYK Product to estimate and display the pH and ORP of your water. No other system can do this.

15. Stainless steel adapters!
Unlike the plastic adaptors which are used in other systems and are prone to problematic leaks and the subsequent need for replacement, the KYK Product comes equipped with stainless steel attachments for your faucet or cold water line.

16. Contemporary design!
The KYK Product easily fits in with any decor in your home.
## Before installation

### Check parts and accessories

<table>
<thead>
<tr>
<th>Parts</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH testing drops</td>
<td></td>
</tr>
<tr>
<td>Stainless steel diverter valve for (under the counter) cold water line connection</td>
<td></td>
</tr>
<tr>
<td>Hose</td>
<td>Stainless steel hose</td>
</tr>
<tr>
<td>Drain line sink (suction) attachment</td>
<td></td>
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<tr>
<td>Screws for wall mounting</td>
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<td>Power cord</td>
<td>Color comparison table</td>
</tr>
<tr>
<td>User manual</td>
<td></td>
</tr>
</tbody>
</table>

### Optional

- In line filter: 4.5cm
- Stainless steel faucet head diverter valve: 1.5cm
- White pressure reducer

1. Check all parts.
2. Turning off source water before installation.
3. Connect the body with the cold tap water.  
   (Connecting with hot water causes an out of order of the product.)

## Major Components

### General body

- **Housing**: Houses all components.
- **Stainless Steel Water Output Hose**: Output for alkaline, acidic or purified water as selected by user.
- **LCD Display**: Displays pH, ORP, remaining filter life (both filters), error messages and water flow rate.
- **Touch sensors**: Used to turn the Genesis on and off (standby mode), to select various levels of alkaline and acid water and to select filtered only water. Also used to program the product.
- **Water drain OUTLET (Quick Connect)**: Connection for drain (tubing) from the product.
- **Power Cord Receptacle**: Power cord plug connect
- **Water supply INLET (Quick Connect)**: Connection for water supply (tubing) to the product.
- **Master ON/OFF power switch**: To control power to the body.
### Major Components

#### Touch Sensor Control Panel

KYK25000, 30000, 33000, SPECIAL K1

- **1 Alkali Water**: Alkaline water pH level select
- **2 Acid Water**: Acid water pH level select
- **3 Purified Water**: Filtered water only select
- **4 Mode**: Used for Product programming
- **5 Set**: pH/ORP select/programming exit
- **6 Clean**: Product cleaning function select
- **7 ON/OFF**: Product activation/standby mode select

#### LCD Display

- **Alkaline water display**
  - **1 Alkali**: Alkaline water is being produced
  - **2 Working**: Ionized water being produced
  - **3 Flow Rate**: Ionized water production in Liters/Minute
  - **4 Voice**: Voice prompt (on/off), Voice level
  - **5 pH Level**: pH level (display toggled between pH using SET Touch Sensor)
  - **6 Filter 1**: Filter life remaining for 1st filter (in liters)
  - **7 Filter 2**: Filter life remaining for 2nd filter (in liters)

- **Acidic water display**

- **ORP level display**
  - **8 Acid Level**: Acid water is being produced
  - **9 ORP Level**: ORP level (display toggled between ORP using SET Touch Sensor)
Touch Sensor Functions

Alkali Water
Touch this touch sensor to produce alkaline water (water with a pH greater than 7.0). Continue touching this touch sensor to increase or decrease the pH level (alkalinity) of water to be produced. The pH level or the ORP value of the water being produced will be displayed on the LCD display. Touch the “Set” touch sensor to switch between pH level and the ORP value. The selected water type is delivered through the stainless steel hose on the top of the product.

If the voice prompt is turned on, a message tells you what level of alkaline water is being produced. There are four preset alkaline water levels or steps:

The product remembers your latest pH setting for the next usage EXCEPT for step 4. If you have selected step 4 pH 10.0 water, the next time you use your product it will have automatically started at step 2, pH 9.0 water (pH 10.0 water is generally too strong to drink).

You can adjust the pH level up or down from 9.0 using this Alkali Water touch sensor.

Acid Water
Touch this touch sensor to produce acid water (water with a pH less than 7.0). Continue touching this touch sensor to increase or decrease the pH level of acid water to be produced.

The pH level or the ORP value of the water being produced will be displayed on the LCD display. Touch the “Set” touch sensor to switch between the pH level and ORP value. The selected water is delivered through the stainless steel hose on the top of the product.

If the voice prompt is turned on, a message lets you know what level of acid water is being produced. There are four preset acidic water levels or steps: first step = pH 5.5, second step = pH 5.0, third step = pH 4.5 and fourth step = pH 4.0.

Also, the next time you use your product, it will automatically switch back to alkaline water for safety reasons (do not drink acid water).

Purified Water
Touch this sensor to get filtered only water. No ionization is performed.

The pH of the water will be the same as the pH of the supply water (tap water).

Purified water will be delivered through the stainless steel hose.

Mode
See Programming the product.

Set
Switches between pH level and ORP value readouts. Also used to terminate programming function. See Programming the product.

Clean
Manually starts the Self Cleaning process. You must touch the ON/OFF touch sensor after you touch the Clean touch sensor to start the cleaning process.

However, the product performs an automatic cleaning cycle at startup when cleaning is required so you should not need to use this function.

When the amount used is 30L or continuous amount used is 30L, if you are using the product, it will automatically clean the product during 20 seconds. (#The duration of cleaning according to the amount used differ as the setup of capacity.)

ON/OFF
Switches the product from production mode to standby (off) mode.

Touch this sensor to start producing water. The product will automatically start producing water at the last selected alkaline waters pH 8.5 (first step), pH 9.0 (second step) or pH 9.5 (third step).

If the previously water types were pH 10.0 alkaline water, acidic water or purified water, the product will automatically start producing pH 9.0 alkaline water.

You can increase or decrease the water alkalinity by touching the Alkali water touch sensor, select acidic water by touching the Acid water touch sensor or select purified water only by touching the Purifi touch sensor. At startup, the product may enter into a self cleaning cycle.

Let this cycle run its course before using any of the water produced during cleaning. Discard this water.

(#When you turn on the power and use this product for the first time, it performs automatic cleaning during 20 seconds.)
The LCD Display shows the current function(s) being performed as well as diagnostic information. When you touch the ON/OFF touch sensor to start water production, you will see the following items on the LCD display.

- **Alkali** will be displayed in the upper middle of the LCD display when alkaline water is being produced.

- **pH** level of the water being produced. See “Alkali Water” in the Touch Sensors section for information on how to change the alkalinity of the water being produced. NOTE: ORP (Oxidation Reduction Potential) value in millivolts (MV) of the water being produced can be displayed instead of pH level by touching the SET touch sensor.

- **Acid** will be displayed in the upper left of the LCD display when acidic water is being produced. See “Acid Water” in the Touch Sensors section for information on changing the acidity of the water being produced.

- **Purifi** will be displayed in the upper left center of the LCD display when filtered only (not ionized) water is being produced. See “Purified Water” in the Touch Sensors section for information on selecting purified water output.

- **Spinning Oval** appears with the word “Working” flashing on and off anytime water is entering the unit and being processed (alkaline, acid or filtered only water).

- **Flow Rate** in liters/minutes (L/min) is displayed directly under the spinning oval.

- **Voice** in the upper right corner of the display indicates that the voice prompt is on as well as voice volume. See Programming section for instructions on adjusting the voice level or muting the voice (not recommended).

- **Filter 1** Displays filter life remaining in filter #1 in liters.

- **Filter 2** Displays filter life remaining in filter #2 in liters.

Programming the KYK Alkaline Water Ionizer

Programming your product is not absolutely necessary. However, programming will maximize its performance. The thing(s) you may want to program are:

- (1) adjusting the voice volume or muting the voice (Step 6),
- setting the pH level of the incoming water (step 8) and maximizing the ORP value (step 14).

You may also consider performing step 12. You must start at step #1. You can exit programming at any time by touching the Set touch sensor.

1. Wait for the Genesis to go into the STANDBY mode (LCD display goes dark).
2. Continue touching the Mode touch sensor until the LCD display lights up and “OFF” flashes on the display. Continue by:
3. Touching the Mode touch sensor ONCE.
4. “Purifi” will be flashing on the LCD display and a pH value will be displayed. This enables you to choose between pH and ORP being displayed on the LCD display when you begin producing ionized water. It is recommended you leave this on the pH setting. During operation, you can switch between the pH level and the ORP value by touching the SET touch sensor. Continue by:
5. Touching the Mode touch sensor ONCE.
6. ‘Voice’ will be flashing on the LCD display. This allows you to (1) set the voice volume or (2) turn off the voice). Use the “+” (Purified water) touch sensor to increase the voice volume. Use the “-” (Clean) touch sensor to decrease the voice volume. To turn the voice off, continue touching the “-” (Clean) touch sensor. If you have turned off the voice and want it to turn back on again, touch the “+” (Purified water) touch sensor and then adjust the volume level by using the “+” and “-” touch sensors. Continue by:
7. Touching the Mode touch sensor ONCE.
8. “pH” and “Purifi” will be flashing on the display. This is used to set the pH level of the incoming tap water. Setting the pH level of the water coming into the product makes the four preset alkaline water pH values and the four present acidic water pH levels more accurate. Typically this should be set between 6.5 and 7.0 (the product comes preset at a pH of 7.0). Most city provided water is at or near a pH level of 7.0. Well water may be slightly acidic at between 6.5 and 6.8. You can test the pH of your water (or have it tested) and adjust this setting accordingly. To increase the pH of the incoming use the “+” touch sensor. To decrease the pH of the incoming water use the “-” (Clean) touch sensor. Note: pH 6.5 is the strongest level of electrolysis. Continue by:
Programming the KYK Alkaline Water Ionizer

1. Touching the **Mode** touch sensor ONCE.
2. “Clean” will start flashing on the LCD display. This sets how often the automatic cleaning operates. Leave as programmed. Continue by:
3. Touching the **Mode** touch sensor ONCE.
4. “Alkali” and “pH” will be flashing. This allows you to increase or decrease the alkalinity of the four preset alkaline water levels. The present values are: pH 8.5 (step one), pH 9.0 (step two), pH 9.5 (step three) and pH 10.0 (step four). This step is not necessary, but it will optimize pH for the alkaline water delivered at the stainless steel output hose. This step will also optimize the acidity of the water delivered at the lower output (drain) line. If your product is installed such that the drain line empties into your sink (not connected directly to a permanent drain), you can bottle acidic water (from the lower drain line) while you are making alkaline water delivered at the upper stainless steel hose. If you want to do this programming, read the following paragraph. If you want to skip this step, continue by touching the **Mode** touch sensor ONCE.
5. To do this programming, increase the value shown on the display to the maximum number. Then touch the Alkali touch sensor once. This sets the first alkaline level. Once again, increase the value shown on the display to the maximum and touch the Alkali touch sensor once. This sets the second alkaline level. Increase the value shown on the display to the maximum number and touch the Alkali touch sensor once. This sets the third alkaline level. Increase the value shown on the display to the maximum number and touch the Alkali touch sensor. This sets the fourth alkaline level. Continue by:
6. Touching the **Mode** touch sensor ONCE.
7. “Alkali” and “ORP” will be flashing. This allows you to increase or decrease the ORP value of the four alkaline preset alkaline water levels. A higher ORP setting will give the water more antioxidant capabilities (more ability to counter free radical activity in the body). It is recommended that you do this. Hold the “+” touch sensor down to obtain the highest negative ORP value and then touch the “Alkali” touch sensor once to select the first maximum ORP value. Hold the “-” touch sensor down again to obtain the highest negative ORP value and then touch the “Alkali” touch sensor once to select the second maximum ORP value. Repeat this procedure for the third and fourth levels.
8. You are done programming your product. Touch the “SET” touch sensor to exit product Programming.

**Installation Cautions**

- Your Product must be connected ONLY to a 110 Volt or 220 Volt power source. Higher voltage supply will damage the unit. so before connecting the electricity code, you must check the voltage.
- Do not install the product at the area which exposes directly to the sun and below zero. (There is a danger of distortion and frost wedging of product.)
- Do not install the product in an area of direct and constant sunlight and director heat (a furnace vent for example).
- Connect the product ONLY to the cold water supply Make sure the faucet is turned to the cold water position. Hot water will damage the unit.
- The acidic water draining hose is placed lower than the body. If the length of hose is longer or higher than the body, it will affect the ionization and be possible to change a taste of water. ※ After installation, do not turn and bush the acidic water hose.
- Do not alter the product intentionally. This could result in failure of the unit and danger to the user.
After locking all raw water of installation area or type switch valve fixed on the wall for cold and hot water connected with a water service pipe behind a tap as shown in the figure by using a type screwdriver, check to cut off water completely by opening a tap.

Separate from the pipe for cold and hot water connected with a tap. (See the top figure)

Warning-When you decompose the product, if a rubber packing attached on the nipple for preventing the leakage is worn out, you will change that. unless it will cause a leakage of product.

You wrap a teflon tape for preventing the leakage several times on nipples without a hole and with a hole and link them.

But standard of a nipple with a hole differs according to the area and a manufacturer and if the size is not correct, you will order it separately. We accept a request in the A/S center.

Warning-You wrap the tape for preventing the leakage 4-5 times not to harm on the connection between nipple and piping and after complete connection, you have to adjust the direction of a valve not to make a problem on the connection with the product.

You link the switch valve with the nipple with a hole connected in 3) as shown in the figure.

Warning-You wrap the tape for preventing the leakage proper times not to harm on the connection between nipple and piping and after complete connection, you have to adjust the direction of a valve not to make a problem on the connection with the product.

(As shown in the figure, after stopping down the nipple, the switch valve will be horizontal so you control the amount of leakage tape as the same amount.)

Insert the hose stop down nut at the hose and push the hose in the switch valve at the end. After that connect the hose stop down nut with switch valve and stop down with proper strength.

Warning-If you stop down the nut too strong, the water will be possible to leak because the hose in the hose stop down nut can be torn. Or if you stop down the nut too loose, the water will leak because the hose is missed from the switch valve.

So you connect the hose safely by giving the proper strength carefully.

How to connect with the product after connecting the hose with a tap pipe

After selecting the proper place for the product, cut the length of hose with some extra to the product. As shown in the figure, remove a rubber plug in the raw water inlet and put the hose in the raw water inlet. At this time, you put the hose at the end not to miss from the product.
How to install - Separation cool and hot water type

⚠ If you mix up the raw water inlet with the acidic water outlet, alkali water will not be produced and be the cause of a failure. So you must not install reversely between the raw water inlet and the acidic water outlet. If the failure happens because of a reverse installation, the man who installs the product will have to be charged with the failure.

1. Cut the acidic water draining hose about 50cm~70cm and connect with the acidic water outlet (after removing the rubber stopper) as the same connecting way at the raw water inlet in 11 page.

   • You have to cut the acidic water draining hose within 1m because if the length is over 1 m, we will be possible to smell in the water.
   • The acidic water draining hose is placed lower than the body not to affect the quality of water.

2. Connect and assemble the alkali water delivery pipe (flexible hose) by turning to clockwise direction with the alkali water outlet placed on the upper side of the body.
   (When the leakage is happened, reassemble the product after wrapping up the tape properly.)

3. Before operating the product, check the leakage by opening the switch valve and there is no problem then operate the system.

**How to check the water pressure and set up**

1) When you use a measuring instrument: Measure the pressure of raw water with a measuring instrument and if the water pressure is low then you will increase the pressure of raw water and if the incoming water pressure to the product is low then, you will increase the pressure by using the water pressure controlling valve (see the installation figure).
   (Standard - Adjust over 2.0 / min.)

2) When you do not have a measuring instrument (A simple measuring way)
   : If water can be filled in the vending machine cup during 6~7 seconds, the water pressure is about 1.8 / min and it is the proper water pressure for operating the product.
**Caution**

- All hookup part of pipe arrangement has to be covered by teflon tape for avoiding the leakage and you control the bounding number of tape for keeping the level of a horizontality and a perpendicularity.
- When you decompose and reassemble the product, if you give the over force, it will be possible to leak after assembling the product because of a pipe arrangement distortion of raw water, a break out of rubber packing and a breakage.

1. After locking all raw water of installation area. (It is mainly placed at a tap water meter)

2. Separate from the pipe for cold and hot water connected with a tap. (See the figure in 13 page)
   - Warning-When you decompose the product, if a rubber packing attached on the nipple for preventing the leakage is worn out, you will change that. Unless it will be cause a leakage of product.

3. You link the switch valve with the nipple with a hole connected in as shown in the figure.
   - You wrap the tape for preventing the leakage proper times not to harm on the connection between nipple and piping and after complete connection, you have to adjust the direction of a valve not to make a problem on the connection with the product.
   (As shown in the figure, after stopping down the nipple, the switch valve will be horizontal so you control the amount of leakage tape as the same amount.)

**How to link the hose with the product after connecting a tap water pipe**

- Do as the same way described in 17 and 18 page.

4. The check items for controlling the water pressure
   The proper water pressure for the normal operation is 1.5~3.0kgf/cm².
   Keep the product out of the direct rays of the sun and do not change the original setting values intentionally.

**How to install and the check list**

*Reference*

- The case that ground water or solid quality of water is used.
  - If the quality of ground water is bad, you must mount a preprocessing filter.
  - For the life and performance of the product, push the acidic water button 1~2 times in one week and drain acidic water during 1~2 minutes.
  - In the area which has high solidity and calcareous, there is soiled as white by the calcium, so in the middle of water flow, you push the acidic water button 2~3 times in the week and drain water during 30~60 seconds.

**Check list**

**Installation Troubleshooting**

1. If there is no water flow:
   - Check to make sure you removed the rubber stoppers on the inlet and outlet valves.
   - Check the faucet or under sink adapter to make sure that the valve is open and water can get through.

2. If there is an improper ratio of alkaline water and acidic water:
   - Increase the water pressure to at least 1.5 liters a minute.
   - If the water pressure is too low, then there will be too much acidic water and not enough alkaline.
   - Check to make sure the draining hose isn’t bent or kinked.
   - If it is, there won’t be enough acid water and the alkaline water will be weak.

3. After finishing installation and troubleshooting, connect the KYK Product to an AC 110V or 220V outlet.
There are two installation configurations.

1. **Connection to the faucet.**
   - With this installation configuration option, the product sits on the countertop and the water supply line is connected to your faucet by removing the existing aerator and installing the provided faucet diverter valve. The drain line from the product is placed in the sink.
   - The product power cord is plugged into an above the counter electrical outlet.
   - Ionized water is delivered via the ionized water output hose on top of the product.
   - The information on pages 25 & 26 provides installation instructions for the product countertop installation option. This is the simplest installation configuration.

2. **Connection to the cold water line.**
   - Your product is shipped with an optional cold water supply line diverter valve.
   - This diverter valve is installed on the cold water supply line in the cupboard area below the sink. This eliminates the need to attach the product water supply to the faucet head.
   - To implement this option, you will need a 1/4" access hole through either the lip of the sink or the counter top depending on what type of sink you have and how it is mounted.
   - If you have an accessory you do not use (like a soap dispenser) you can remove that accessory and use that hole.
   - If an access hole is not available, you will need to drill one.
   - Instructions for installing the cold water supply line diverter valve are on page 26.
1. Lay the product on its back on your countertop where it will be placed when you are operating it so that the bottom of the unit is accessible.

2. Attach the power cord to the bottom of the product and turn the master power switch to the ON position. See “Power Cord” on page 24. DO NOT plug the unit in at this time.

3. Press the power cord into the middle guide slot on the side from which the power cord will exit the unit towards the electrical outlet into which the product will be plugged.

4. Using a pair of scissors carefully cut the plastic clasps that are attached to the 1/4 inch tubing provided with your product.

5. Cut this tubing into two equal halves.

6. Remove the gray plugs in the IN and OUT quick connect connector by locating the outer ring around the plug, then pushing this ring toward the body of the product, while gently pulling the plug out.

7. Insert one end of one of the tubing halves into the IN quick connect connector on the bottom of the product. See “Bottom View (A)” on page 24. To insert the tubing, hold the connector with one hand and insert the tubing into the connector with the other hand until it is pressed all the way into the connector (IMPORTANT).

8. Insert one end of the other tubing half into the OUT quick connect connector on the bottom of the Genesis. See “Bottom View (B)” on page 24. Make sure the tubing is pressed all the way into the connector (IMPORTANT).

Note: To remove tubing from a quick connect connector, push the ring on the connector in (towards the body of the product) and gently pull out the tubing, just like removing the plugs.

9. Turn the connectors (and tubing) in the direction needed to exit the tubing toward the sink.

10. Press the tubing into the guides at the edge of the product. See “Bottom View (E)” on page 24.

11. Attach the tubing connected to the OUT connector to the acid line sink attachment. “See Acid Water Drain Tubing” on page 24. This will insure that the IN tubing and the OUT tubing can be correctly identified later without having to recheck the bottom of the unit.

12. Set the product in an upright position and place it where you intend to use it.

13. Both the “IN” tubing and the “OUT” tubing should be exiting the product toward sink. If they are not, lay the unit on its back and switch the direction of the connectors and tubing accordingly.

14. Locate the stainless steel faucet head diverter valve and the stainless steel male/male adapter and set these next to your sink.
15. Remove the existing aerator that is installed on your faucet head. Store this aerator in a safe place in the event you need to use it at a later date.

16. Depending on what threads are your faucet head, you may or may not need to use the male/male adapter to match the threads on the faucet head diverter valve. If required, screw the adapter onto the faucet head. Then screw the faucet head diverter valve onto the faucet head. Tighten securely.

17. Measure the length of the IN tubing needed to reach the diverter valve installed on the faucet head.

18. With the product placed where it will be used on a daily basis, take the IN tubing, which is the tubing without the acid line sink attachment and run it to the pin on the faucet head diverter valve. Do not pull on the tubing when measuring the length needed. You want the tubing to have some slack so you can move the Genesis when cleaning the counter top.

19. If your faucet head is designed to rotate, you will need to allow ample tubing for the faucet to move freely once the tubing is attached to the faucet head.

20. Press this IN tubing onto the pin of the faucet head diverter valve.

21. Remove the acid line sink attachment from the OUT tubing.

22. Position the tubing in the sink where you want it to drain (leaving some slack).

23. Mark the OUT tubing at the desired length with a marker and cut it with a razor blade or sharp knife to the desired length.

24. Reattach the acid line sink attachment to the OUT tubing. The acid line sink attachment allows you to secure the OUT line to the side of the sink.

25. Slightly wet the suction cup of the acid line sink attachment and the area of the sink where you want to install the acid line and press the suction cup onto the wetted area of the sink. “See Acid Water Drain Tubing” on page 24.

26. Connect the stainless steel water output delivery hose to the product. Screw the threaded end of the deliver hose into the adapter on top of the product. Tighten the hose securely. See “delivery hose connection” on page 27.

27. Plug the Genesis power cord into a AC 110V/120V (American type) and AC 220V~240V (European type) electrical outlet.

28. Adjust the input water pressure (water flow rate) into the product using the faucet. You want the water flow rate on the product LCD Display to read between 1.7 and 2.5 liters/minute when you are producing.
How to install and the check list

3 Check to see what type of water line you have connecting the cold water shut off valve to the cold water faucet. You probably will have one of two types: a copper line or steel flex hose.

• A COPPER LINE: If you have a copper line, it is highly recommended that you replace it with a 30” flexible stainless steel hose that you can purchase at Home Depot or Lovesc for about $6.00. This will make the job much easier. Remove the line at both ends; at the cold water shut off valve and at the faucet. Discard this line and replace it with the 30” steel flex hose.

• B Thread the female end of the diverter valve onto either the COLD water faucet stem or the COLD water copper line running from the single handle faucet. MAKE SURE the o-ring stays in the female end of adapter. Tighten securely.

• C Thread the 1/2” female end of the 30” steel flex hose onto the male threads of the diverter valve. Tighten securely.

• D Thread the 3/8” female end of the steel flex hose onto the cold water shut-off valve. Tighten securely.

• A STEEL FLEX HOSE: Disconnect the hose ONLY at the faucet (end). You will reuse this hose.

• B Thread the female end of the diverter valve onto either the COLD water faucet stem or the COLD water copper line running from the single handle faucet. MAKE SURE the o-ring stays in the female end of adapter. Tighten securely.

• C Thread the 1/2” female threads on the disconnected end of the steel flex hose onto the male threads of the diverter valve. Tighten securely.

• Feed the 1/4” tubing connected to the IN quick connect connector on the bottom of the product down through the access hole.

• Connect this tubing to the water adjust valve on the diverter valve. Tighten the nut securely but NOT too much.

NOTE

Instead of adjusting the water pressure (water flow rate) to the product using the faucet (standard countertop installation option), you will adjust the water pressure (water flow rate) to the product using the water flow adjust valve attached to the water supply line diverter valve. After you have turned the cold water shut off valve back on (AND CHECKED FOR LEAKS), adjust the water adjust valve until the water flow rate on the product LCD displays reads between 1.8 and 2.5 liters/minute.

List of Auto-Diagnosis Errors

Call the service center.

E0 The water pressure from your supply hose is less than 1.0 liter per minute and the KYK Product does not have enough water to ionize. Please increase the water pressure so that the water can be ionized.

E1 An imitation or recycled filter has been installed or the contamination sensor has a problem.

E2 Bad connection to the filter or inferior goods have been installed.

E3 There is a problem with the filter life display.

E4 There is problem with the filter serial number.

E5 The product has been running for too long and needs to cool down, or there is a problem with the supply water quality (mineraly deficient or too hard). Call your service center.
Water Applications

**About Alkaline Water**

**pH8.5 (1st level alkali water)**
- Use this level when you first start drinking alkaline water.
  - Drink this level for one to two weeks before progressing to 9.0 pH.
  - This is also a good level for mixing with powdered milk and for those with gastroenteric issues.

**pH9.0 (2nd level alkali water)**
- After drinking pH 8.5 water for one to two weeks, drink this water for one to two weeks before drinking 9.5 pH.

**pH9.5 (3rd level alkali water)**
- This is the level most adults choose to drink.
  - This is also a good level for making tea; it enhances natural flavors and shortens stewing time.
  - If you drink alcohol, this level of water is good to help with hangovers.

**pH10.0 (4th level alkali water)**
High alkalinity water has a detergent-like effect and is able to dissolve and draw out oil-based substances (pesticides are often oil-based and not removed with standard water). pH 10.0 high alkalinity water more effectively emulsifies oil, cleans oily or greasy items, strips oil-based pesticides off produce and infuses vegetables with negative ions that retard their degeneration. Some specific uses include:
  - Clean cutting boards, knives and dishes
  - Sterilize (soak) vegetables, beef, pork and fresh fish. Also helps to bring out natural flavors and reduce acid.
  - Great for making soups.
  - First rinse rice in pH 8.5 alkaline water and then cook that rice in pH 10.0 water to quicken cooking time, reduce damage to the rice and maintain its natural flavor.
  - Remove spots and stains
  - Reduce detergent use
  - Soak vegetables to remove bitterness. Boil vegetables in this water to help maintain their nutrients and color.
  - Effectively remove pesticides from fruits and vegetables
  - Infuse vegetables with a high negative ORP providing a ready supply of antioxidants.

**About Acidic Water**

**pH5.5 (1st level acidic water)**
- Good for gargling and brushing your teeth.
  - Use this level water when making the batter for fried foods to make them crunchier.
  - Also good for boiling noodles.
  - Has excellent cleansing and astringent qualities-tightens pores like a toner
  - Ideal for bathing sensitive skin & Infants

**pH5.0 (2nd level acidic water)**
- Use this pH level when you take a bath or wash your face.
  - Also good for washing an infant.
  - Restores shine to hair lends silky softness to skin
  - Relieves sunburn
  - Relieves skin problems such as psoriasis, rashes, eczema and dryness.

**pH4.5 (3rd level acidic water)**
- Good for removing sediment in a teapot or a tea cup.
  - Use this pH in your humidifier.

**pH4.0 (4th level acidic water)**
Strong acidic water has excellent disinfecting powers that can prevent food poisoning. This water kills HIV and other viruses such as staph, strep, Candida, athlete’s food fungus, e. coli, salmonella and a host of pathogens in as little as 30 seconds. Common uses include:
  - Disinfect knives, cutting boards and counter tops (soak for 20-30 minutes)
  - Sanitize dish rags and sponges (soak for 20-30 minutes)
  - Wash Dishes
  - Sanitize your tooth brush (soak for 20-30 minutes)
  - Soak burns, eczema, psoriasis or other skin sores
  - Clean cuts, bruises and scrapes
  - Reduce inflammation and redness
  - Soak vegetables and fruits to remove impurities
  - Soak fish to remove impurities.
  - Clean your house without using toxic chemicals

**About Filtered water only select**

Use this level when taking medication.

*The pH level of filtered only water is the pH level of your tap water and can change according to temperature, quality, and water pressure of your supply water.*
When to change the filters

The LCD screen displays countdown usage on the amount of liters filtered by Filter 1 and Filter 2. When it reaches 70L on either filter, the system will tell you to change that filter. As a built-in precautionary measure, if the filter is not changed before the counter reaches 0, the KYK ionizer will auto-shutdown until a filter change is made.

※ Warning: If your water ever smells bad or the flow rate is severely reduced, you will need to change the filters even though the display shows remaining filter life. This will happen in the case of overly contaminated or hard water. If your supply water is really bad, you’ll need to install pre-filters.

How to change the filters

1. Turn off the power and water supply of the product.
2. Remove the front cover of the product. Simply push the circular hook on both sides of the product simultaneously to open the front cover, lift the front cover to about 1/3 height and place it aside. You should see the filters inside- 1st filter (right), 2nd filter (left).
3. Take out the old filter to be replaced by pulling it forward. Unhook the electric wire connected to the filter sensor located on top of the filter. (Filter sensing sensor chip is attached on the filter upper part and it is taken out when raise up after pressing the chip front part.)
4. Hold the filter and turn it to the right (OPEN), then pull out. The old filter can now be taken out of the product.
5. Please remove the safety seal of the new filter. Insert the new filter bottom side first, push in, then turn it to the left (CLOSE)
6. Connect the electric wire to the filter monitoring sensor.
7. Put back the front cover of the product by sliding it in from the top. The new filter has been replaced.
8. Turn on the power and water supply of the product. Touch the “ON/OFF” button on the front cover. The product will do a self-cleaning process for about 20 seconds. When it turns to standby, touch the “ON/OFF” button again and let the water flow for about 2~3 minutes. The filter replacement procedure is complete and the water is ready to drink!

Caution: Make sure that the O-ring is seated properly and isn’t damaged. If it isn’t seated right or is damaged, there may be water leakage.
Notices for Safety

**How to drink alkaline water from the KYK Product**

- **To avoid electric shock, leak and/or fire.**
  - This product must only use AC110V/120V (American type) and AC 220V–240V (European type).
  - Keep the electrical plug free from dust and dirt.
  - If the electrical plug is broken, do not use the KYK Product.
  - Do not connect too many electrical plugs to one power supply.
  - Dry your hands before inserting or removing the electrical plug.
  - Do not bend or pull the electrical plug with too much strength.
  - Do not take apart or repair the KYK Product without certification.

- **To avoid problems and failures with the KYK product.**
  - Do not expose the KYK Product to highly moisturized environments such as rain, your bathroom, or your shower.
  - Do not place a heavy object on the KYK Product.
  - Install the KYK Product on a solid and horizontal countertop or shelf.
  - Only use cold water with the KYK Product.
  - Do not move the KYK Product when it is operating.
  - Do not shock the KYK Product.

- **To avoid leakage.**
  - Do not twist or bend the water supply hose.

- **To avoid staining and peeling.**
  - Do not use thinner, benzene, or wax when you clean the KYK Product.

- **To avoid distortion of the KYK Product exterior.**
  - Keep out of direct sunlight or heat.

- **To avoid impure water and KYK Product malfunctioning.**
  - Be sure to only supply clean, quality water to the KYK Product.
  - Do not hook up directly to a well, lake, river, etc.

- **When an adult first starts drinking alkaline water, he/she should start off drinking the 1st alkaline water level (8.5 pH) and drink 2–3 glasses a day for 1 week, then drink 2–3 glasses a day of the 2nd level alkaline water (9.0 pH) for the second week. Typically, most adults stay on the number 2 alkaline water level. Some drink the number 3 level (9.5 pH). This is just advice and should not replace the instructions of a doctor.**

- **Do not drink the number 4 alkaline water level (10.0 pH). Only use it for cooking.**

- **Use filtered only water when taking medications, not ionized water.**

- **When you first start drinking alkaline water, it’s advisable for you to consult a doctor.**

- **If you experience discomfort or problems beyond normal detoxification symptoms, you should stop drinking alkaline water and consult a doctor.**

- **If you have kidney problems such as renal failure, or a potassium evacuation disorder, you should not drink alkaline water.**

- **You should check the pH level of the KYK Product by using the provided drops once a month.**

- **It’s best to drink alkaline water as soon as it’s made, but if you want to preserve it:  
  - Put it in an airtight glass or polycarbonate bottle (never plastic). Store it in a refrigerator. The water will maintain its alkalinity for approximately 3 days.  
  - If the container is not airtight, the water will return to neutral pH in about 12 hours.**

- **If you have achlorhydria, please consult a doctor before drinking alkaline water.**

- **Normal detoxification symptoms include minor diarrhea, bloated feeling, body aching, increased body odor, and pimples. If the symptoms are too much, decrease the pH level or the amount of water consumed. If symptoms don’t improve, consult a doctor.**

- **Only drink level 4 alkaline water under a doctor’s prescription and supervision.**

- **Do not drink acidic water.**
Summary of Operation Notices

- Do not use this product for any purpose other than what’s described in this manual.
- Do not modify this product intentionally.
- Do not place heavy objects on this product.
- Do not lift this product body holding the stainless steel tube, it will break.
- Always keep the disposal outlet open so water can drain.
- Use AC110V/120V (American type) and AC 220V~240V (European type) with this product.
- Do not use overly contaminated water with this product. Tap water is best.
- If there is a problem with this product, please call your service center.
- Do not use hot water with this product.
- When the filter change signal is displayed, please change the filter as soon as possible.
- When you do not use this product for more than two days, run water through it for 1~2 minutes before using.
- When you use this product for the first time, run water through it for 2~3 minutes.
- When you do not use this product for a long time (over 1 week), please unplug it, remove the filters, and dry it out.
- Be careful when changing the filters to not damage the O ring. Change the filters carefully.
- Do not use well water, groundwater, contaminated water and water contained with high amounts of heavy metals.
- Do not use water hotter than 35°C with this product. Room temperature water is best.
- Do not supply unit with ionized water.
- Do not shock or shake the unit.
- Change the filter regularly.
- Do not take this product apart.
- Do not use this product for any purpose other than what’s described in this manual.

Product Specifications

- **Manufacturer Approval Code**: 2213
- **Product Approval Code**: 07-667
- **Model**: KYK generation I, KYK25000, KYK30000, KYK33000, Special K1

**KyK Co., Ltd.**

(406, 407 Sangdae-dong, Joongwon-gu, Sungnam City, Kyungki-do, Korea)

**Standing or wall-mounted. Direct connection to tap water.**

**Size:** 340(W) x 340(H) x 150(D) (mm),  Weight: 6kg

**AC110~120V, 50/60Hz (American type) and AC 220V~240V, 50/60Hz (European type)**

**Output/Capacity**: 2 liter of alkaline water/minute, 1.5 liters acidic water/minute

**Electrolysis Method**: Continuous electrolysis (including flow sensor)

**Electrolysis Ability**: 4 levels of acidic water, filtered only water

**Electrolysis Cell**: 5 or 7 sheets of Platinized Titanium (Customized design)

**Electrode Sheet Wash**: Automatic washing (controlled by mycom)

**Filter Life Estimate**: 1st filter: 6,000 liters  2nd filter: 9,000 liters (may differ region to region, nation to nation)

**Filter Change (see the user manual)**

**Mineral Port**: Adding Calcium for Forced Dissolution

**Power Source Protector**: Fuse 250V AC, 5A

**Over-current Detector**: Automatically stops the output of electrolytic cells

**Over Temperature Protector**: Temperature detector circuit installed inside SMPS power supply automatically stops the device.

This product is connected directly to tap water and creates alkaline reduced water by first purifying the water with two special hybrid filters, then ionizing the water using 5 or 7 platinized titanium plates.
Warranty Registration

Terms of Warranty: one year parts and labor.

Purchase Date:

Customer’s

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Seller

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1. Our company will pay for repair, labor and shipping for one year guarantee performance and operations. If repair of the produce is not possible, we will replace the product.

2. Customer will pay for repair charges including shipping under the following conditions:

   (1) A malfunction occurs after the warranty has expired.
   (2) The unit is damaged by the customer.
   (3) Damage is caused by customer attempting to repair the unit themselves or the unit is repaired by an unauthorized service center.
   (4) Damage is caused by using the incorrect electrical voltage.
   (5) Damage is caused by using an imitation filter.
   (6) Damage is caused by a natural disaster.
   (7) Damage is caused by exposing the electronics to water or moisture.

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The KOTRA Global brand is given to a select group of Korean companies that meet the highest standards of business.

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The KOTRA Seal of Excellence has selected through comprehensively examining based on their financial soundness, high quality, advanced technology and market appeal.

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