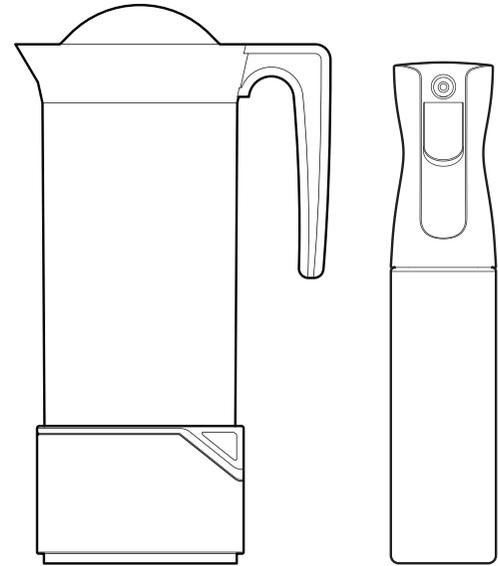


HOME GUARD

Perfect Sterilizing & Cleaning Water Maker

ecowell
ECOWELL CO., LTD.



FDA registered No. 3014270356



Product Introduction



Generates strong and safe electrolyzed water of sterilizing, deodorizing features.



The patent acquired for core technology, metal lath layered Electrodes.



Generates highly-efficient electrolyzed water only from tap water by TLE technology.



Safety assured by Smart Current Control(SCC).



Completed safety tests on skin stimulation, eye irritation and oral toxicity.



Convenience in using of Micro Droplet Spraying, MDS, brought by semiautomatic spray head.



Makes the electrolyzed water of mass quantity.

Applications

Sterilization Removes 99.9% of bacteria, viruses, fungi and harmful microbes

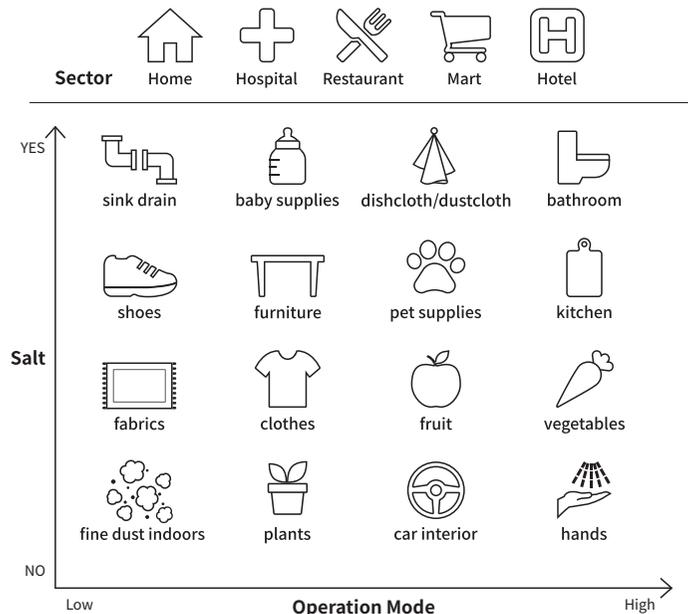
Deodorization Reduces bad odors by spraying on bad-smelling spot or wiping the spot with cloth or toilet tissue

Cleaning Spray the water to wash out any stains or stubborn dirt on the surface of item

Removing pesticides Wash fruit and vegetables with the electrolyzed water

How long does electrolyzed water keep its effect?

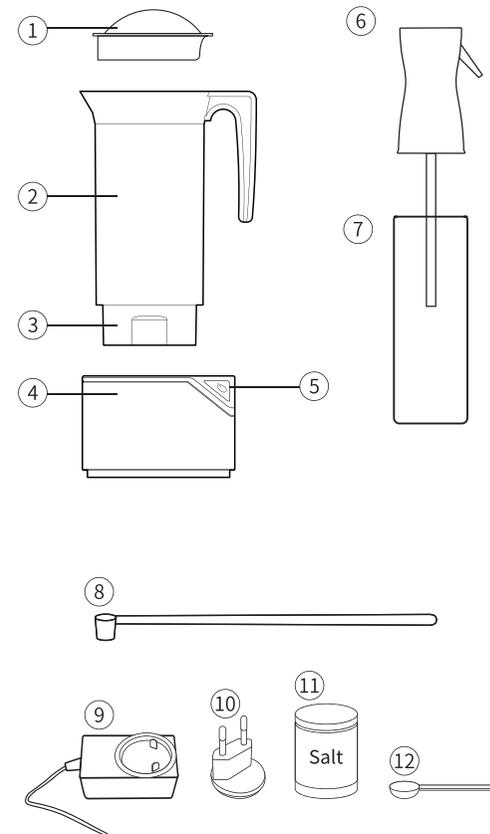
The electrolyzed water generated with salt in 'Operation Mode' maintains its sterilizing and deodorizing effects for 3 to 7 days on average. This effect gradually decreases over time, then it returns to its original state, normal water. If the electrolyzed water is kept in an airtight container and completely sealed when refrigerated, its effects will last over 3 months.



Check out more applications in the Recipe Book.

Product Components and Names

Composition



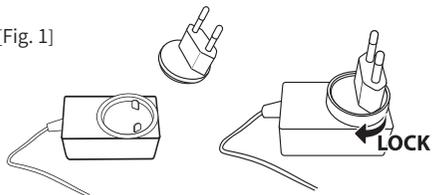
Parts

- ① Pitcher lid
- ② Pitcher (1000ml)
- ③ Electrode
- ④ Base station
- ⑤ Operation button
- ⑥ Spray Head
- ⑦ Spray bottle(300ml)
- ⑧ Stirring stick
- ⑨ Adapter
- ⑩ Adapter plug
- ⑪ Salt (70g)
- ⑫ Spoon (scoop - to add salt)

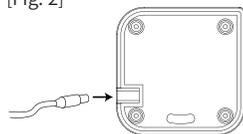
* Additional purchase parts

Preparing before use

[Fig. 1]



[Fig. 2]



Place the device on a dry, flat place.

Place the device at least 10cm away from the wall.

As shown in [Fig. 1], connect the plug to the adapter.

After connecting the adapter with the hole beneath Base Station, store the cord to fit along the hollow as [Fig. 2]



How to use

Use normal tap water with a temperature between 5-35°C.

Do not use underground water, contaminated water or purified water.

A slight smell of chlorine during operation is completely normal.

We do not recommend adding salt when applying on the human body, animals or plants.

Pitcher(1000ml)

①



Pour 1L of tap water
(do not use purified water)

②



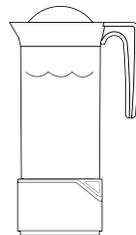
Add 1 spoon of salt(1g)
if needed as per Recipe
Book.

③



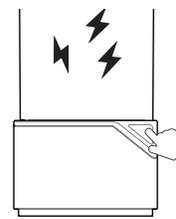
Stir the water with the stick

④



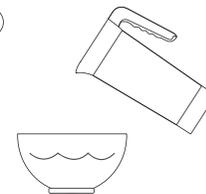
Put the pitcher on the Base
Station after closing the lid.

⑤



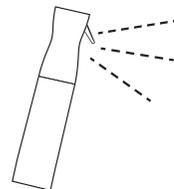
Press the operation button;
then the operation starts in
3 seconds. The device is
turned off by hold pressing
the button for 5 seconds.

⑥



Apply this water to where/
when you want as per
Recipe Book.

⑥

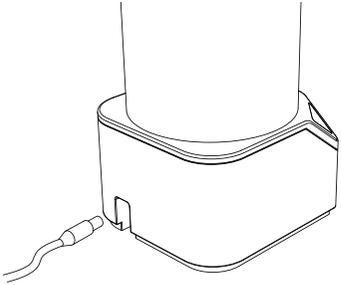


Put the pitcher on the Base
Station after closing the lid.

Display Mode

● On ○ Flickering

[Fig. 3]



On initial power connection

- As shown in [Fig. 3], Along with the initial power-up beeps, all LEDs will flash and set to sleep mode.
- When connecting the power while the pitcher is fitted on the base station.
 1. when there is an water in the pitcher, set to sleep mode. (To use, press the button for 1 second, or place the pitcher on the base station again.)
 2. It does work when there is no water in the pitcher. (Put water in the pitcher and let it operate)

Standby mode

- As shown in [Fig. 4], the white LED operation button is turned on. Press the operation button in standby mode, the device will work.
- How to set up standby mode.
 1. When the water bottle is fitted on the base station, which is recognized automatically, then goes into standby mode with a beep sound to ready for generating operation. # when the Pitcher is removed from base station, it goes into sleep mode with a beep sound.
 2. In sleep mode, press and hold button for 1 second to enter standby mode with beep sound.
- How to switch to sleep mode to minimize power consumption in standby mode.
 1. In standby mode, press and hold the operation button for 5 seconds to enter the sleep mode.
 2. In standby mode, the device switches to sleep mode automatically if no buttons are operated for 3 minutes

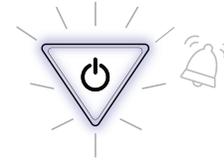
[Fig. 4]



Display Mode

● On ○ Flickering

[Fig. 5]



[Fig. 6]



[Fig. 7]



[Fig. 8]



Operation mode

1. Operation mode (5 minutes operation) – Press the operation button once in standby mode and the blue LED light on the pitcher with beep sound and operates.
2. The LED lights up in the selected mode as shown in the figure.
3. After 3 seconds, it starts to generate electrolyzed water with the light inside the pitcher with a beep sound.
4. When the operation is complete, it automatically switches to completion mode.
 - Be careful of the following things during operating.
 - If you want to stop the operation while it is generating, press the operation button for 5 seconds and the device will go into Standby mode.
 - Do not remove the pitcher from the base station during operating

Completion Mode

- When the operation is completed as shown in [Fig. 6], The button LED is turned on and the mode changes to completion mode with a beep sound. Complete mode lasts 3 minutes, wait 3 minutes to restart. After 3 minutes, it automatically switches to sleep mode.
- When generation of the electrolyzed water is completed, the device goes into completion mode with beeping sound. The LED lights in the bottle and base station are turned off after 3 minutes. The buttons will not be operated in Completion Mode for the stability device. This mode will last for 3 minutes. To operate the device once again, wait for 3 minutes, until it automatically goes into sleep mode.

Sleep Mode (Power Saving Mode)

- As shown in [Fig. 7], all LEDs will be turned off – this is called Power Saving Mode.
- If you want to go back to Standby Mode, touch the button for 1 second. When Completion Mode is over, the device automatically goes into Sleep Mode with a beeping sound. If you want to go back to Standby Mode, place the water bottle on the Base Station again or touch the button for 1 second.

Alert Mode

- As shown in [Fig. 8], all LEDs will blink.
- If there is not enough water in the bottle or too much salt in the water, all LEDs will blink after alert sound, beep-beep-beep (3 times). If you want to stop the alert sound, hold the operation button for 5 seconds. If the button is not pressed, the alert sound lasts for 3 minutes, then the device will revert to Standby mode. When alert mode is on, remove the bottle from base station and adjust the quantities of water and salt by referring to pages 07

Maintenance

Maintenance

Do not keep water in the Pitcher for a long time (less than 3-5 days). Store the device in completely dry conditions away from humidity or direct sunlight when not used for any length of time. If the device is stored in too low a temperature, it may not work as effectively and be damaged by frozen water inside the device.

Cleaning Outside

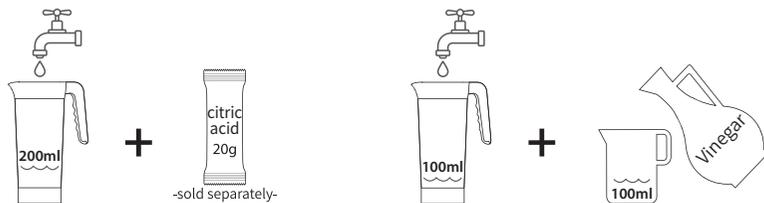
Use a dry cloth when you clean the outside of device. Do not use any chemicals or detergents. The contacting part between Pitcher and Base station must be away from water. If so, wipe the water and dry well.

Cleaning Inside

Do not remove the electrodes on the bottom of Pitcher, or wipe it with excessive force. If you find any scale in Pitcher, clean inside of the Pitcher with care to avoid any damage to electrodes. Then, operate the device for 3 minutes by adding salt. Keep the Pitcher for one hour and rinse with clean tap water for next use.

Removing Scale

After using this device for a long time, if you find white scale in electrodes, clean its surface. Pour 1) 200ml of warm water and 20g of citric acid (sold separately) or 2) 100ml of water and 100ml of vinegar into the Pitcher and leave it for one hour more, the electrode will be cleaned. Then, empty the pitcher and rinse it. Wash this way every 2 or 3 months.



Troubleshooting

Problem	Check	Solution
LED is not turned on.	Is Adapter (and its plug) properly connected to power socket?	Make sure to connect adapter to power.
LED is turned on, but bubbles do not come up.	Is Pitcher placed properly on Base Station?	Put Pitcher on Base Station properly and check if the device works in order. power.
Bubbles are faintly coming up.	Is purified water or mineral water used instead of tap water?	use tap water only. Also, you will see more bubbles when salt is added than when tap water is used alone.
LED of operation button keeps blinking with beeping sounds in the middle of operation.	Did you put 1000ml of water and 1g of salt exactly?	If the water is not enough with too much salt, the device will not operate for safety reasons. Retry the device after adding suggested quantity of salt.
After finishing generation of sterilizing work, the device doesn't work by pressing Operation Button.	Did you wait 3 minute after previous operation?	It's normal that the device can't be operated for 3 minute after making electrolyzed water
LED is still on even after completion.	After the water has been made, it's normal for the LED in bottom of Pitcher and the LED on Operation Button to stay on to let you know the operation is over	Remove Pitcher from Base Station to turn off LED in the bottle. However, this does not turn off the LED on Base Station.
Spray doesn't work.	Did you use hard water?	If you use hard water, the spray nozzle will be blocked because scale is formed. Please avoid using hard water if possible. If the spray doesn't work well, soak the nozzle in a diluted solution of vinegar (1:1 mixture of vinegar and water). If this still doesn't help, please contact our customer center.
Spray doesn't work		If the spray doesn't work well, pull the trigger and hold for about 5 seconds, and flick (release quickly) it and repeat this 2 ~ 3 times. Unlike others, this spray has a small cylinder in it to suck up water by moving together with the trigger. But, if the straw has no water inside (or without a specific reason), there may be some problems to spray well. Once the straw is filled with water, you won't see this problem anymore.

Cautions for Safety

Notes before use / Please use it safely

1. Do not use in closed spaces, Instead, use in well-ventilated areas.
2. Do not inhale or drink on purpose, if you inhale or drink an excessive quantity, consult a doctor for medical treatment.
3. Keep away from the eyes. If the electrolyzed water comes into contact with the eyes, rinse immediately with plenty of water, and seek medical advice.
4. Wash your hands after using and avoid contact with sensitive or injured skin.
5. Keep out of children's or animals' reach.
6. Keep away from fire and other heating devices.
7. Do not spray or inhale the respiratory system of people or animals.
8. If applied to the human body (mouthwash, hand sanitizer, cleanser, foot washing, etc.) do not add refined salt. Make by use of tap water only.
9. Infant or food items that can enter the mouth after being sterilized must be rinsed in running water, use after drying.
10. Sterilizing water can be used to disinfect humidifiers but do not use it by adding in sterilization water.
11. When using salt with the measuring spoon supplied, make sure to add only 1 spoon of it for Pitcher after filling up to the max mark (1L for Pitcher). Then, shake well to dissolve the salt. If the water is not enough with too much salt or the salt does not fully dissolve, the device may not be in normal operation with Alert mode.
12. Use the supplied salt or refined salt of over 99% only. Do not add others to water in the Pitcher. Also, do not use any salt for industrial use (e.g., Rock Salt) or any processed salt like Bamboo salt.
13. Place the device on a flat and horizontal area. Do not move it in the middle of the operation.
14. After adding salt, operate the device only once. If you operate it several times, sterilizing water of too high concentration will be generated.

15. Do not operate the device over 3 times consecutively; this will cause overheating or damage, which may result in fire or cause safety issues by generating highly concentrated sterilizing water.
16. Upon completion of the operation, be careful not to touch the hot contact terminals on the Base station.
17. When using on fabric, leather, and metal, pay attention to avoid a change of color and/or shape.
18. Do not keep the electrolyzed water in other bottles or keep it in the refrigerator; this may cause you to confuse it with drinking water.
19. When pulling out the adapter plug from the power socket, make sure to hold the body of the adapter. If you hold the power cord only, this will result in electric shock and damage to the power cord.
20. Keep the adapter and Base station away from water.
21. Do not touch an adapter or plug with wet hands.
22. If possible, use this device along with the power socket, which is connected with an earth leakage circuit breaker.
23. Do not put any materials which conduct electricity into Pitcher; This will cause any break or trouble.
24. Do not try to disassemble or remodel the device.
25. If not using for any length of time, pull out the adapter plug from the power socket.
26. If the adapter is broken, do not try to disassemble or replace it by yourself. Instead, contact our customer service center for repair or exchange.

Specification

Product name	Homeguard
Model name	EEH-E11111
Effectiveness	Sterilize, Deodor
DC adaptor	Input AC 100~240V 50/60Hz Output DC 9V 3A
Power consumption	Rated 27W
Dimensions (WxDxH)	Base Station : 104 x 104 x 70 (mm) Pitcher : 112 x 160 x 251 (mm) Spray : 52 x 80 x 247 (mm)
Net weight	Base Station : 240g Pitcher : 360g Spray : 95g
Capacity of water	Pitcher (1000ml), Spray (300ml)
Material	Base Station : PC + SAN Pitcher : ABS Spray : PP + PET

Warranty

1. We offer free repair service in case of defects or malfunctions during the period of warranty in using the device in accordance with this User Manual or any labels on this product.
 - (a) If you want free repair service, please submit your request to the dealer/store where you purchased this product by referring to this User Manual and Warranty.
 - (b) The page of Warranty should be accompanied by your request for free repair service. When you use parcel delivery service, send this Warranty together with the product.
 2. Even within the period of warranty, we are not responsible for following breaches or cases, of which repair costs should be borne by you;
 - (a) Damage or Trouble caused by misuse (shock by drop, etc) or mal repair or modification
 - (b) Any trouble and/or damage due to fire, natural disaster, pollution, salt water, contamination by gas, abnormal voltage, power supply other than suggested voltage and/or frequency
 - (c) Loss of this Warranty
 - (d) In case of any absence, omission or correction by discretion of Date of purchase, customer information, dealer/store
 - (e) The consumables and accessories, such as Adapter etc., are not covered by this Warranty
 - (f) Damage or Trouble by user's fault, even undescribed in this Warranty
 3. This warranty is not reissued. Please keep this with care.
- ※ Your personal information provided by you is used for free repair service within the period of warranty and safety check service after expiry of warranty period.

ecowell

Product name

Warranty

This Warranty specifies that we offer free repair service according to this User Manual in case defects or malfunctions occur within the period of warranty (as written below) from the date of purchasing.

Warranty period 12 months from the date of purchase Date of Purchase _____

Customer Information

Name :

Contact :

Address :

Purchase date :

Dealer/Store

Online

Website :

Seller name or Seller id :

Offline

Store name :

Branch name :