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1-40-1, Hoshidakita, Katano-shi, Osaka, 576-0017, Japan
TEL. +81-72-893-2290 FAX. +81-72-893-8007

"Please note, that any unauthorized changes or modifications to this equipment could void the user's authority to operate this equipment."

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. This equipment is designed to provide reasonable protection against harmful interference when used in a residential establishment or commercial environment.

This equipment generates, uses, and can radiate radio frequency energy.

This equipment may cause harmful interference to radio communications if not installed and used in accordance with the instructions.

However, it does not guarantee that interference will not occur in a particular installation environment.

If this equipment does cause harmful interference to radio or television reception, the user is encouraged to try to correct the interference by one or more of the following measures.

- (1) Change the installation direction or installation position of this device.
- (2) Increase the distance between this device and receivers such as radios and televisions.
- (3) Separate the outlet to which receivers such as televisions and radios are connected from the outlet to which this device is connected.
- (4) If the above methods do not solve the problem, consult your dealer or an experienced radio/TV technician.

"The device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:"

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
 - 2) This device must accept any interference, including interference that may cause undesired operation of the device.
- Cet appareil contient un ou des émetteurs/récepteurs exempts de licence conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :
- 1) Cet appareil ne doit pas provoquer d'interférences.
 - 2) Cet appareil doit accepter toutes les interférences, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

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SD501DX SD501DX ONLY

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Thank you very much for your purchase.

Please read through the Operation Manual carefully for your safety before using this product. Please save this manual for future use.

In this manual

Concerning with “Alkaline electrolytic water” and “Acidic electrolytic water” showing in JIS T2004 “Electrolytic water generator for household use”, we use the technical term of “KANGEN water” and “Beauty water”.

IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE USING:

DANGER - To reduce the risk of electrocution:

1. Always unplug this product immediately after using.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

WARNING - To reduce the risk of burns, electrocution, fire, or injury to persons.

1. A product should never be left unattended when plugged in.
2. Close supervision is necessary when this product is used by, on, or near children or invalids.
3. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
4. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
5. Keep the cord away from heated surfaces.
6. Never use while sleeping or drowsy.
7. Never drop or insert any object into any opening or hose.
8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
9. Connect this product to a properly grounded outlet only. See Grounding Instructions.

SAVE THESE INSTRUCTION

- a) This manual contains instructions for cleaning, user maintenance, and proper operations recommended by the manufacturer such as lubrication, and non-lubrication of this device. All services required by this product must be performed by an authorized service representative, which means that this product contains no user serviceable parts. This product is for household use as stated in this manual and other literature packed with the product.
- b) When a product employing an automatic reset thermal limiter (which shuts off the entire product) is used, please refer to this manual for instructions and warnings.
- c) While the product is in use, please refer to this manual for proper cord maintenance.
- d) The product is intended to be used with water, additives, conditioners, or a product that relies on the conductivity of water for normal operations (electrode type products). The use of baking soda, salt, or other substances to improve the conductivity of the water is stipulated. Please refer to this manual for specific instructions on the proper liquid or additive and the exact amount to be used in conjunction with the product.

GROUNDING INSTRUCTIONS

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

DANGER – Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

For all other grounded, cord connected products:

This product is equipped with an interchangeable power cord to permit connection with all types of electrical power. (100v-240v) 50-60Hz. Make sure the plug and consent have the same configuration. Do not use adapters with this product. If it will not fit, contact the distributor from whom you purchased this machine from to acquire the correct power plug.

Extension Cords:

If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.

SAFETY PRECAUTIONS Observe Strictly

To prevent damage or injury to yourself, others, and property, be sure to observe the following.

 WARNING	Indicates an imminently hazardous situation which may result in health hazards if the device is handled in a manner other than described in this manual.
 CAUTION	Indicates a potentially hazardous situation which may result in minor or moderate injury if the device is handled in a manner other than described in this manual.
 Indicates an action that is not allowed.	 Indicates an action that must be done.

We are not responsible for any damage to the product or accidents caused by improper use or by disregarding the precautions mentioned in this manual.

■ POWER CORD, POWER PLUG

Use the outlet of AC 100–240 V, 50–60 Hz for household use. Using improper voltage will void the warranty.

 WARNING	
 Do not damage the power plug. • Use staple gun • Damaged • Modify • Kinking • Twisting • Pulling • Expose to excessive heat • Under heavy objects • Bundle • Pinch • Putting Using a damaged power cord can result in fire short circuit, and/or electric shock.	 Use only the rated power/voltage. Using power sources or voltages other than the rated ones can potentially cause fires and electric shocks.
 Do not plug too many plugs into one outlet. It may cause fire or electric shock.	 When cleaning the outlet, first disconnect the power plug. Wipe the dust on the power plug with a dry cloth regularly.
 Connect or disconnect the power plug by holding the plug instead of the cord. It may result in electric shock and breakage.	 When there are aberrations or malfunctions stop use immediately and unplug the power plug. Unplug the power plug, have the product inspected and repair.
 Make sure that the power insert plug and the connector firmly. If the plug and connector is not inserted properly, electric shock or a fire caused by heat generation may result.	 Always unplug this product after use.
 Do not use a damaged power cord or loosely fitted one. It may cause electric shock, short circuit or fire.	 In case the unit falls into water, unplug it before removing it from the water. It may cause electric shock. Please consult to your dealer as to repairing.
 Never handle power plugs with wet hands. It may cause electric shock and/or injury.	

NOTE Please check that you are using the proper power cord for your area, prior to plugging in the machine. Other power cords are sold seperately. Please contact your distributor for details.

Region	Japan	USA/CAN	Europe	Australia/China	UK	Switzerland	Italy	Brazil
Plug Type	A	B	SE	O	BF	J	L	N
Socket Type								
Voltage (almost allways)	100 V	120 V	220–240 V	220–240 V	220–240 V	220–240 V	220–240 V	127/220 V
Code.	JPN	USA/CAN	EU	AUS	GBR	CHE	ITA	BRA

HANDLING OF THE UNIT

To avoid injury or accident, please adhere to the following rules.

WARNING



Do not attempt to disassemble, repair or alter this unit.

Doing so may result in fire, electric shock, or accidents.



Do not splash water or oil the unit.

Doing so may result in fire, electric shock, or accidents.



Forbidden

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction ensure that they do not play with the appliance.

Children should be supervised to ensure that do not play with the appliance.

CAUTION



Forbidden

Never place anything on the unit.

It may cause damage or fall.



Be sure to observe

Before you move the unit, first remove the tank or empty the tank.

Leaking liquid may cause trouble.



Forbidden

Do not place the unit near hot objects or in the presence of corrosive gas.

May damage or cause the unit to bend or warp.



Be sure to observe

Keep the accessories out of the reach of babies and small children.

Accidental swallowing prevention



Be sure to observe

The appliance must be connected to the water mains using new hose-sets. The old hose-sets should not be reused.



Be sure to observe

Use on a flat stable counter top area capable of supporting the weight of the unit.



Prohibition of use at water splashing place, such as, bath or shower room.

Doing so may result in fire, electric shock, or accidents.



Forbidden

Do not install under the sink.



Forbidden

Do not use in area exposed to direct sunlight, wind or rain.

Doing so may result in fire, electric shock, or accidents.



Forbidden

Do not use the unit the secondary water hose is in an elevated position.

Water cannot flow out the unit and therefore it may cause damage.



Be sure to observe

Check that the operation knobs and buttons work properly before using.



Forbidden

Do not use putting the flexible pipe tip in the water.

The contents in the water may flow back into the device, causing damage or malfunction.



Forbidden

When lifting the unit, do not hold the flexible pipe or the connection part of the flexible pipe.

It may cause damage.



Be sure to observe

Do not install places where water may freeze.

It may cause the Flexible pipes and Water Filter to crack.



Be sure to observe

Dispose of it in accordance with local waste disposal regulations. For more information, please contact your local or regional administration.



Please dispose of this product at the end of its operational lifetime by taking it to your local collection point or recycling center for such equipment. This will help to protect the environment in which we all live.

■ ABOUT WATER BEING USED

CAUTION

 Use only municipally treated water approved for drinking such as tap water. Be sure to observe	 Do not use the very dusty water and water with a high red rust content. Forbidden
 Do not use salt water or excessively hard water. The product may be damaged, or its service life will be shortened. Forbidden	 Do not use water above 35 degrees Celsius (96 degrees Fahrenheit). The damage or malfunction can occur. Forbidden

■ ABOUT STRONG ACIDIC WATER, BEAUTY WATER, AND KANGEN WATER

CAUTION

 Do not drink KANGEN Water if you have kidney problems such as kidney failure or trouble processing potassium. Forbidden	 Do not use KANGEN water for baby formula, baby food, or taking medicine. Forbidden
 Consult your physician before drinking KANGEN Water if any of the following pertain to you. • Under a physician's care. • Have a chronic illness or are physically weak. • Have any kidney problems Be sure to observe	 Begin drinking at a pH level 8.5 of 1 -2 glasses a day for about two weeks to let your body grow accustomed to it. Then gradually increase the pH level to 9.0 to 9.5. Be sure to observe
 Consult with your physician before using Beauty Water or Strong Acidic Water if you have any of the following. • Sensitive skin • Allergies Be sure to observe	 Do not use the generated water in fish tank or give to pets. Change in pH may kill fish etc. Forbidden
 Do to the fact that copper containers are acid-sensitive and aluminum containers are alkaline-sensitive they should not be used. Forbidden	 Metal knives or spoons cleaned with Strong Acidic Water or Beauty Water must be dried. Rust can develop if the utensils are left wet. Be sure to observe
 Do not directly consume water whose pH over 10. When drinking KANGEN water, adjust the pH level to 9.5 or lower. Forbidden	 When the product has not been used for 2 or more days: Check the product safe and normal operation, let the water flow for more than 30 seconds before using. Be sure to observe
 Do not drink any of the following types of water; they may negatively affect your health. • Strong acidic water • BEAUTY water • Water being discharged from the secondary water hose • Strong KANGEN water during the production of Strong acidic water • Water containing pH test liquid • Cleaning cycle water Forbidden	 Let the water flow before use • Run through the water for 3 minutes when starting use new filter. • Run through the water for 10 seconds when starting use every day. Be sure to observe

■ ABOUT STORING ELECTROLYZED WATER

CAUTION



Be sure to observe

Please drink KANGEN water as soon as possible after generation.

Store KANGEN water in a sealed clean container and keep refrigerated. Use the contents within 3 days.



Be sure to observe

Store Strong acidic water in a tightly sealed container that is impermeable to light. Use stored contents within one week.

Do not use metal containers. Doing so may cause discoloration of the the containers or damage them.

■ WHEN FEEL SOMETHING WRONG

CAUTION



Be sure to observe

If you have applied Beauty water to your skin and you experience skin problems, stop use immediately, and consult a doctor.



Be sure to observe

If after drinking KANGEN Water, you experience any discomfort, please stop drinking KANGEN Water and see your physician.

■ ABOUT THE pH TEST LIQUID

CAUTION



Be sure to observe

Make sure to keep it tightly closed, and store it out of the reach of babies and small children.



Open flame
Forbidden

Do not put the pH test liquid close to fire.
It may ignite and result in fire.



Prohibited

Do not drink the pH test liquid or water containing the test liquid, or allow get in the eye.

If is accidentally ingested, drink a lot of water, or if it gets in the eye, wash the eye thoroughly with water, and consult a physician.

■ ABOUT ACCESSORIES

CAUTION



Be sure to observe

Keep the accessories out of the reach of babies and small children.

Swallowing hazard: If the accessory is swallowed accidentally consult a physician immediately.



Be sure to observe

Please use the original electrolysis enhancer and follow the method, amount, and location correctly.



Be sure to observe

Do not use damaged tanks.

It may cause electric leakage, electric shock or malfunction.



Be sure to observe

Be sure to use accessories and water filters specified by our company.

■ ABOUT MAINTENANCE

CAUTION



Prohibited

Do not use thinner, benzene, cleansers or chlorine based detergents for cleaning.



Prohibited

Do not splash water or oil on the product.
It may cause electric leakage, electric shock, or malfunction.



Be sure to observe

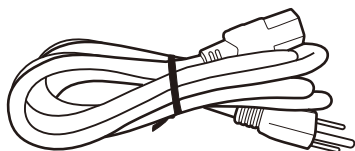
After using the tank, please rinse inside of the tank and wipe all over the tank.

CHECKING THE ACCESSORIES

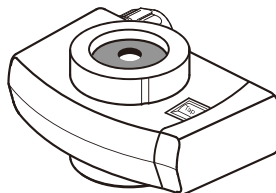
Please check to see if the package has all the necessary parts.
If any items are missing, please contact the distributor from whom you purchased it.

ENGLISH

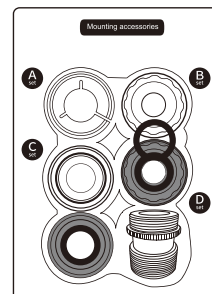
☐ Power cord



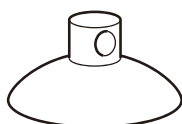
☐ Diverter



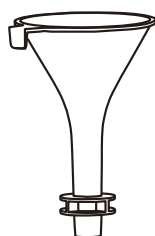
☐ Adapter set



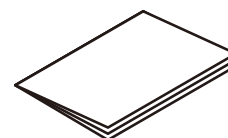
☐ Suction cup



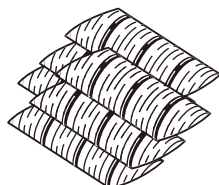
☐ Funnel



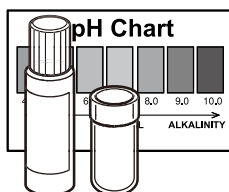
☐ Operation manual



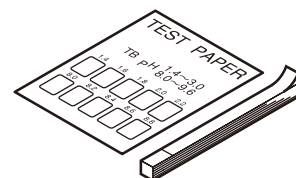
☐ Cleaning powder



☐ pH test liquid kit



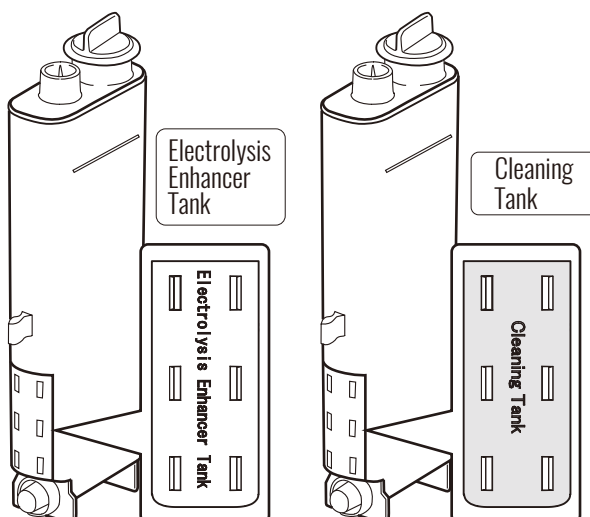
☐ pH test paper



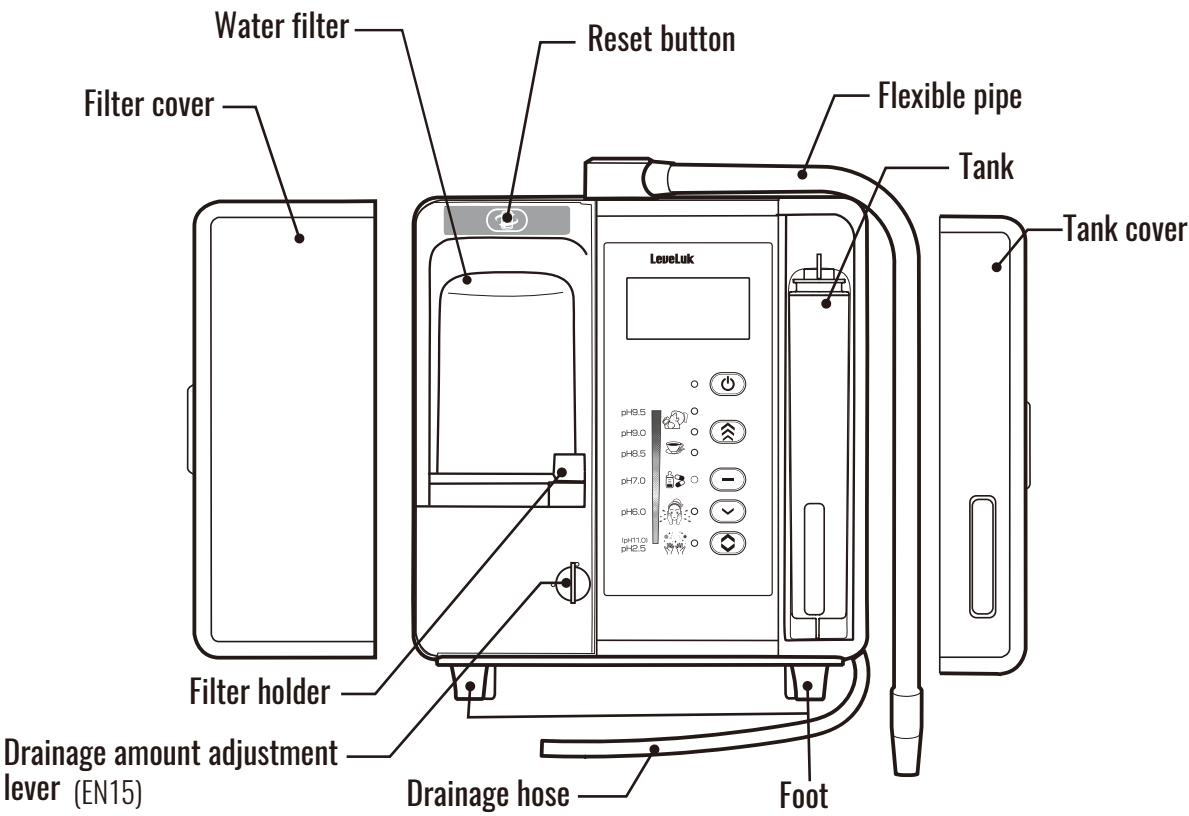
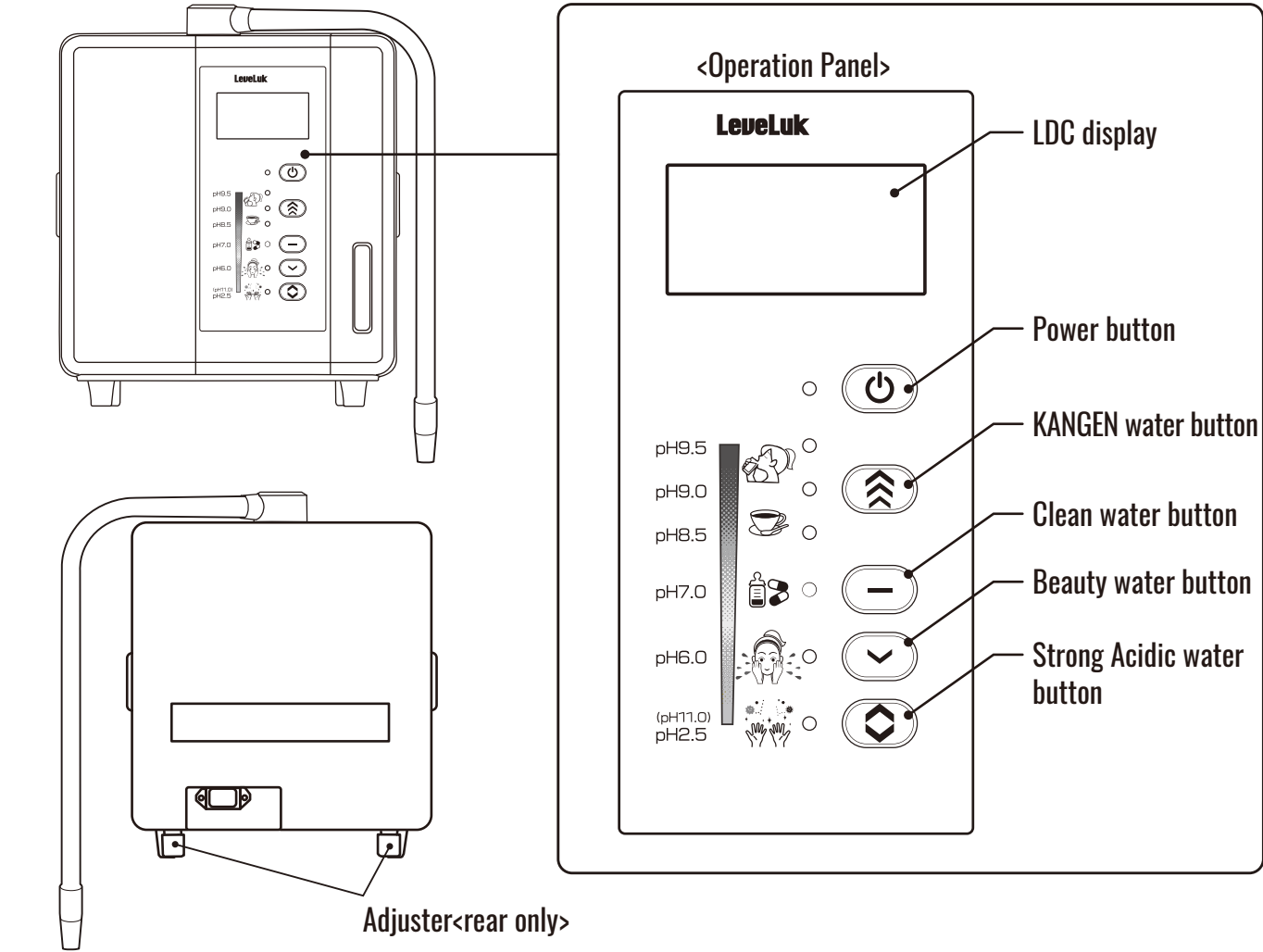
☐ Electrolysis enhancer



☐ Tank : Electrolysis Enhancer Tank, Cleaning tank



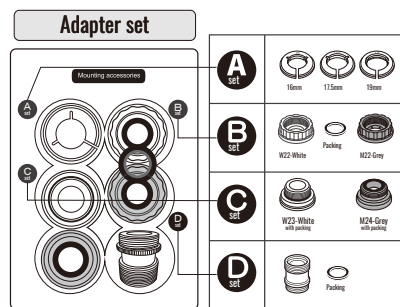
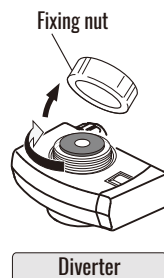
NAME OF EACH PART

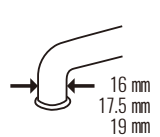
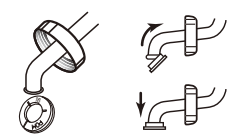
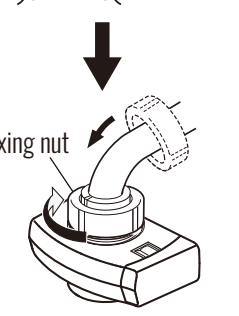
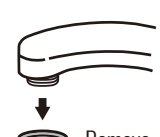
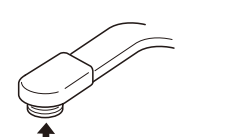
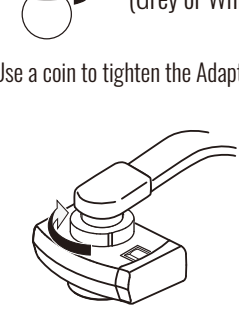
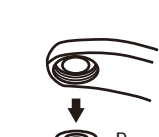
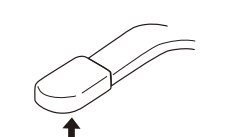
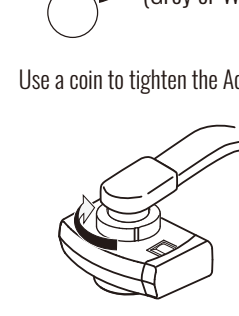
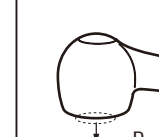
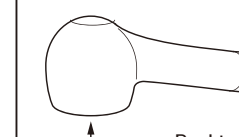
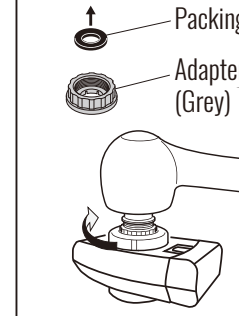


INSTALLING THE DIVERTER

The diverter may fall to fit on some types of faucets. Check the type of faucet beforehand. Then fit the diverter on the faucet in the specified manner.

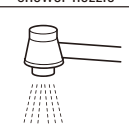
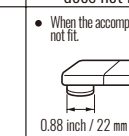
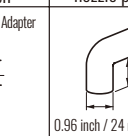
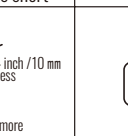
 Do not use a tool to tighten the fixing nut because this may cause the fixing nut to break.



Faucet with expanded end	Outer screw type	Inner screw type	Inner screw type
 Install a adapter that matches the faucet diameter. < Adapter used > A set   Fixing nut  Fixing nut Tighten the fixing nut.	 Remove the aerator Store the removed aerator. < Adapter used > B set  Fixing nut Packing Adapter B (Grey or White) Use a coin to tighten the Adapter B.  Tighten the fixing nut.	 Remove the aerator Store the removed aerator. < Adapter used > C set  Fixing nut Packing Adapter C (Grey or White) Use a coin to tighten the Adapter C.  Tighten the fixing nut.	 Remove the aerator Store the removed aerator. < Adapter used > B set + D set  Packing Adapter D Fixing nut Packing Adapter B (Grey)  Tighten the fixing nut.

 If the thread diameter or thread does not fit, the threads may get damaged. Make sure the thread diameter and pitch are as specified.

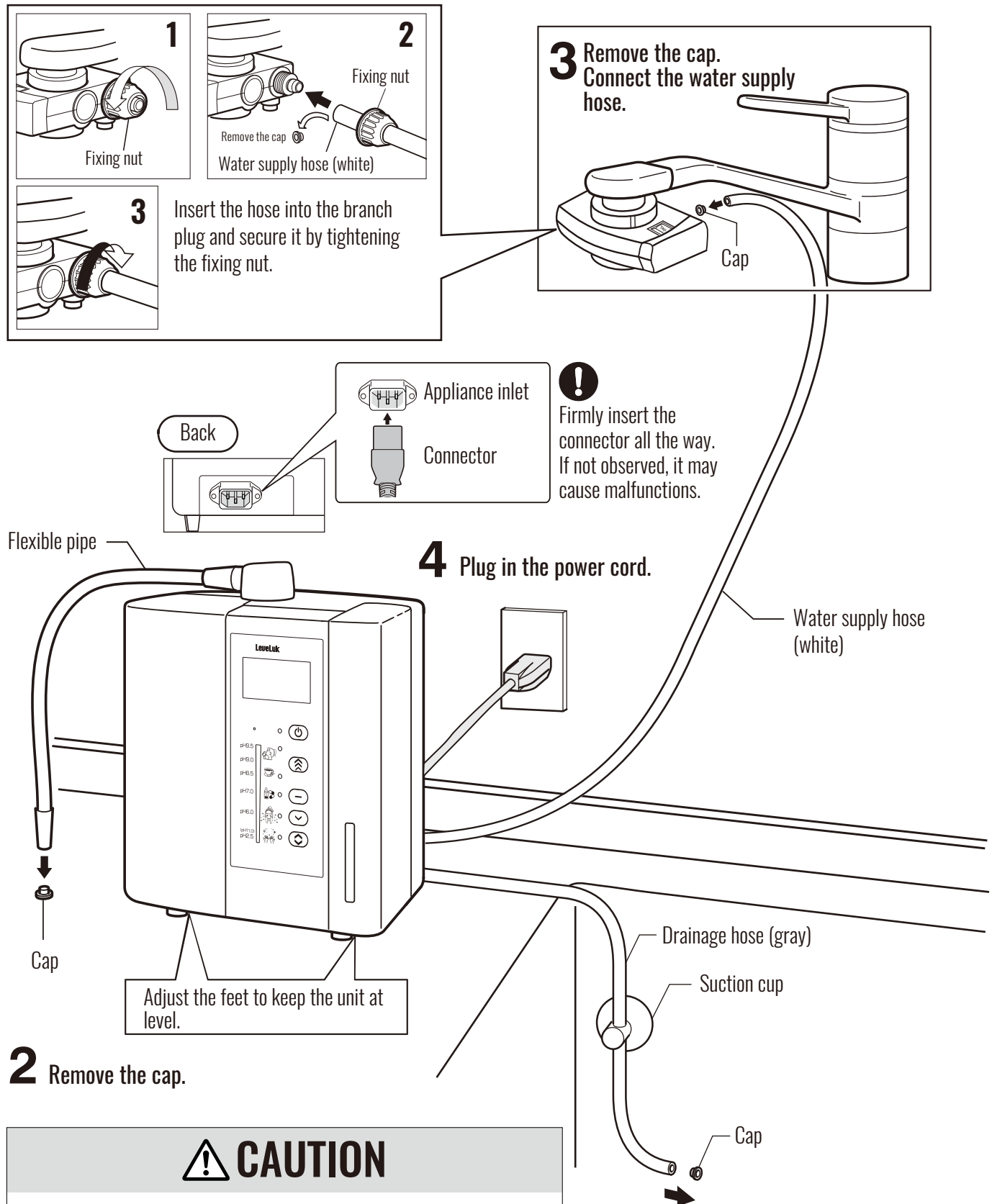
The faucets shown at right cannot accept the diverter.

Faucets with a shower nozzle	With a sensor	Screw diameter does not match	Faucet whose nozzle part is short	Square faucets
		When the accompanying Adapter not fit.  0.88 inch / 22 mm is OK	 0.4 inch / 10 mm or less 0.96 inch / 24 mm or more	

In this case, add a dedicated faucet or install the specific diverter. For details, contact your dealer.

SETTING UP THE UNIT

Install according to the order (1 to 4).



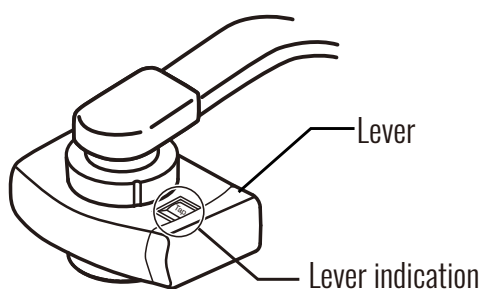
OPERATION (BASIC OPERATION)

This product is capable of producing 5 type of water (KANGEN water, Clean water, Beauty water, Strong acidic water, Strong KANGEN water).

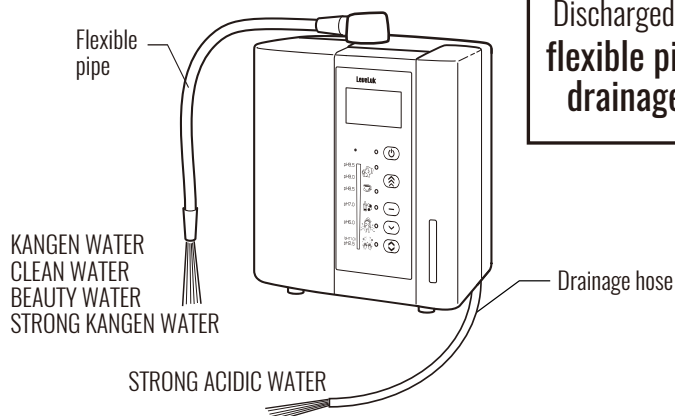
Basic operation

Button	Processed water	Drinking	pH level	Mode lamp	Display	Water outlet
	KANGEN WATER	✓	9.5 9.0 8.5		KANGEN WATER	Flexible pipe
	CLEAN WATER	✓	7.0		CLEAN WATER	Flexible pipe
	BEAUTY WATER	Do not drink	6.0		BEAUTY WATER	Flexible pipe
	STRONG ACIDIC WATER	Do not drink	2.5		STRONG ACIDIC WATER	Drainage hose
	STRONG KANGEN WATER		11.0			Flexible pipe

Lever



Water outlet



Processed water position	Tap water position	
Discharged from the flexible pipe or the drainage hose .	Tap water is discharged. < Shower >	Tap water is discharged. < Straight >

PROPER USE OF PROCESSED WATER

Proper use of processed water.

Processed water	pH level*	Use	Precautions for use
KANGEN WATER	9.5	For daily drinking, coffee, green tea.	Not to be used with medicine. When taking medicine, select the Clean water. Before use read the safety precautions (EN4-EN7) thoroughly.
	9.0	Getting used the water. For cooking rice.	
	8.5	Starting to Drink KANGEN Water.	
CLEAN WATER	7.0	For taking medication. For dissolving milk.	
BEAUTY WATER	6.0	For your skin care.	Not for drinking. Before use read the safety precautions (EN4-EN7) thoroughly.
STRONG ACIDIC WATER	2.5	To be used as disinfectant or cleaning.	
STRONG KANGEN WATER	11.0	Has the power to dissolve tough stains.	

ENGLISH

SCREEN DISPLAY / VOICE GUIDANCE SD501DX

LevelLuk Display	Selection button	pH level*	Press the button		When water is being run through the unit	
			Display	SD501DX	Display	SD501DX
		9.5	KANGEN WATER	KANGEN WATER 9.5	KANGEN >>>>>>>	KANGEN WATER 9.5
		9.0	KANGEN WATER	KANGEN WATER 9.0	KANGEN >>>>>>>	KANGEN WATER 9.0
		8.5	KANGEN WATER	KANGEN WATER 8.5	KANGEN >>>>>>>	KANGEN WATER 8.5
		7.0	CLEAN WATER	CLEAN WATER	CLEAN >>>>>>>	CLEAN WATER
		6.0	BEAUTY WATER	BEAUTY WATER	BEAUTY >>>>>>>	BEAUTY WATER
		2.5	STRONG ACIDIC WATER	STRONG ACIDIC WATER	STRONG ACIDIC >>>>>>>	STRONG ACIDIC WATER
		11.0				

NOTE

* The pH level varies depending on water quality or water pressure.

Conditioning may be necessary depending on the quality of the water you use.

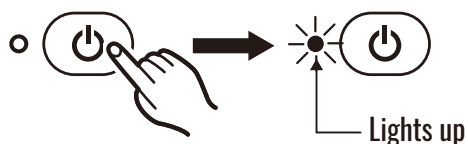
USING KANGEN WATER, BEAUTY WATER, CLEAN WATER

Always use water with a temperature under 35 °C/95 °F. If not observed, may result in damaging the water filter and the unit.

ENGLISH

1

Turn on the power.

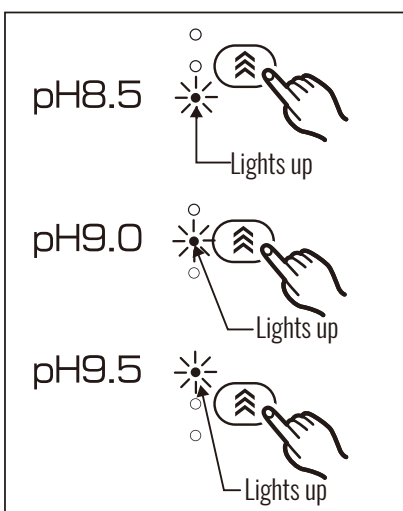


2

Select a processed water using the button.

KANGEN WATER

: Select level of pH.

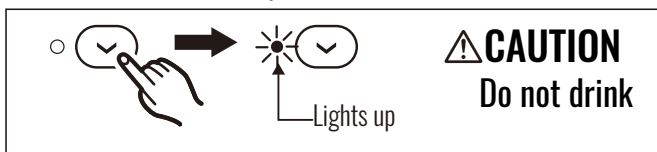


CLEAN WATER : pH7.0



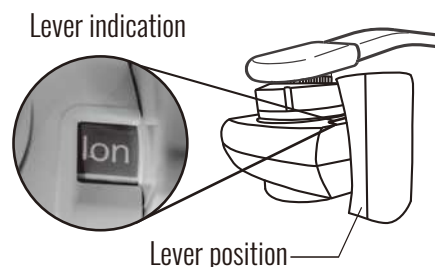
3

BEAUTY WATER : pH6.0



4

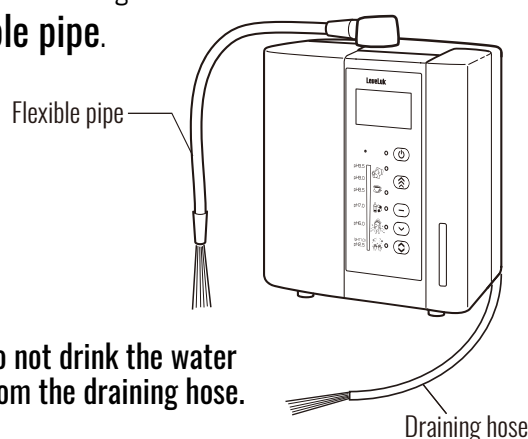
Set the lever of the diverter to ION position.



5

Turn on the water faucet to let the water flow.

: Processed water is discharged from the **flexible pipe**.



⚠ Do not drink the water from the draining hose.

Turn off the water faucet.

■ Please take respective measures in case the messages are displayed as follows.

If the messages continue to display after taking measures, unplug the device, close the faucet, and contact your local dealer.

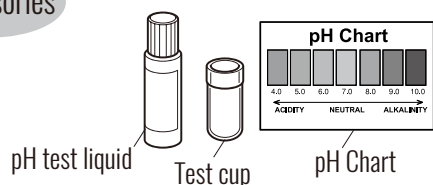
Display	SD501DX Voice	Measures
KANGEN Decrease flow BEAUTY Decrease flow	Decrease flow	Turn off the faucet further, decrease the water flow.
KANGEN Increase flow BEAUTY Increase flow	Increase flow	Turn on the faucet further, increase the water flow.

See page EN26 for other message.

HOW TO MEASURE pH

■ Measure the pH levels of the KANGEN water by using the pH test liquid at least once a month.

Accessories



■ This test liquid is used to periodically measure the approximate value of the pH.

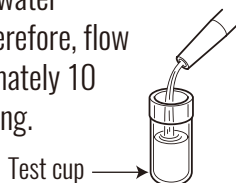
*The pH test liquid cannot measure the pH below 4.0.

Drinking range: pH 8.5-9.5

1

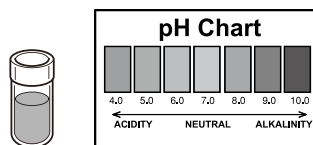
Put KANGEN water in the included test cup about 0.8 inch (2 cm) deep.

- The pH is unsteady in water initially processed. Therefore, flow the water for approximately 10 seconds before sampling.



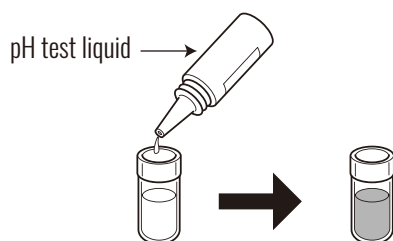
3

Compare the color of the water in the test cup with that of the pH chart and check the pH level.



2

Add about 1 or 2 drops of test liquid in the cup and shake the content well.



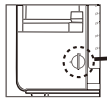
CAUTION

- Do not drink the water in the test cup after testing.
- Keep the testing liquid in a cold and dark place.
- Store the pH testing liquid kit out of children's reach.

NOTE

- When the water filter is new (approx. 1 week), the pH is sometimes slightly high.
- The pH levels varies according to local water characteristics and water pressure.

■ Measures to take in case of abnormal pH results.

The result of measuring the pH level.	Cause	Adjustment
Lower than the pH guideline	The hardness of the tap water is low, and the water does not readily become alkaline.	Mineral Additive (optional)
	Well water or other water that contains a large amount of carbon dioxide gas.	
	The electrolyzing performance of the unit has decreased.	Cleaning
Higher than the pH guideline	The tap water is very hard, and readily becomes alkaline.	Adjust the amount of water discharged Lever move to the left, the water discharge amount adjustment. 
	The filter is new.	Continue to use as is. Measure the pH again after one week.

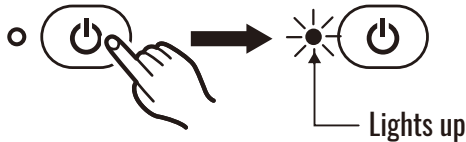
USING STRONG ACIDIC WATER, STRONG KANGEN WATER

Always use water with a temperature under 35 °C/95 °F. If not observed, may result in damaging the water filter and the unit.

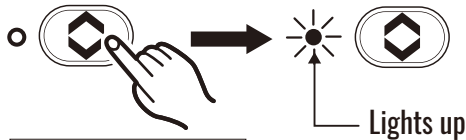
⚠ WARNING

- When producing Strong acidic water, please make sure the room is well ventilated and avoid prolonged breathing of the vapors.

1 Turn on the power.



2 Select the processed water.

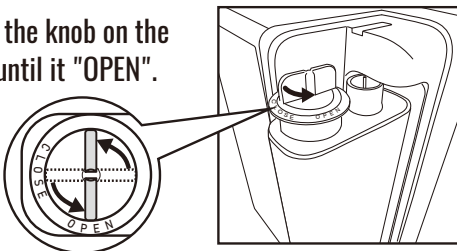


⚠ CAUTION Do not drink

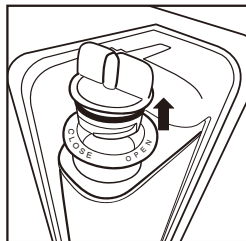
To pour the electrolysis enhancer into the tank.

The electrolysis enhancer tank is set in the unit at the time of shipping from the factory.

- ① Turn the knob on the cap until it "OPEN".

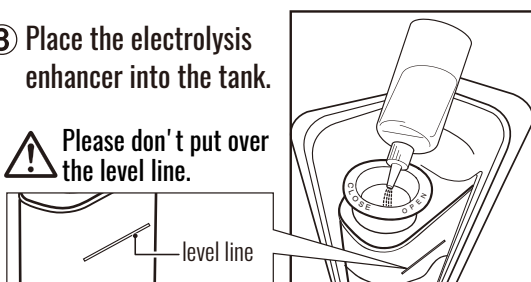


- ② Pull the cap up and out.



- ③ Place the electrolysis enhancer into the tank.

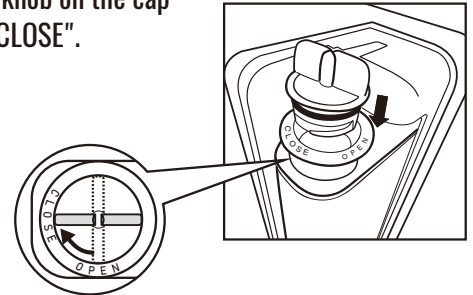
⚠ Please don't put over the level line.



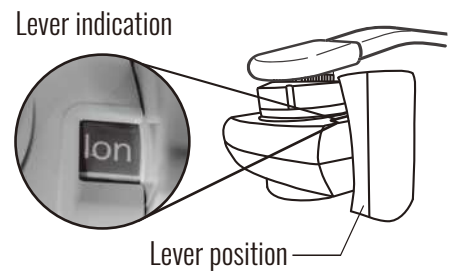
⚠ CAUTION

- To produce Strong acidic water, be sure to put the electrolysis enhancer in the tank before operating.
- Be sure to use a Enagic specified electrolysis.

- ④ Turn the knob on the cap until it "CLOSE".



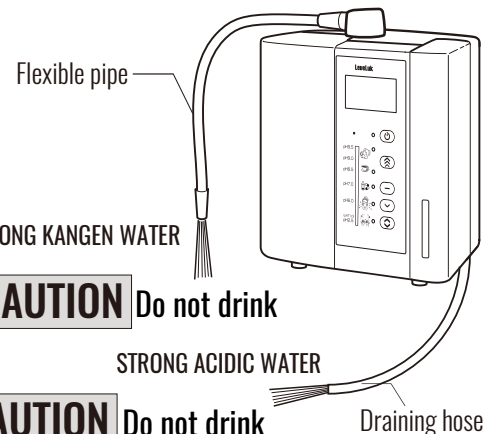
Set the lever of the diverter to ION position.



Turn on the water faucet to let the water flow.

- : Strong acidic water is discharged from the **draining hose**.
- : Strong KANGEN water is discharged from the **Flexible pipe**.

5



⚠ CAUTION Do not drink

⚠ CAUTION Do not drink

Turn off the water faucet.

6

■ Please take respective measures in case the messages are displayed as follows.

Display	Measures
STRONG ACIDIC Decrease flow	Decrease the water flow.
STRONG ACIDIC Increase flow	Increase the water flow.

- It will take about 30 seconds for the enhancer fluid to enter the electrolysis chamber, when you use enhancer fluid for the first time or after refilling the enhancer tank, the machine may display "Out of enhancer".

Please confirm page EN26 for other message.

If the messages continue to display after taking measures, unplug the device, close the faucet, and contact your local dealer.

How to measure pH value of STRONG ACIDIC WATER

The pH test liquid cannot measure the pH below 4.0.

For measure the pH value of STRONG ACIDIC WATER, use the pH test paper.

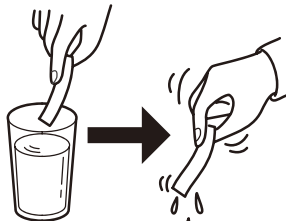
1 Pour strong acidic water from the drain hose into a cup.

*The pH is unsteady in water initially processed. Therefore, flow the water for approximately 10 seconds before sampling.



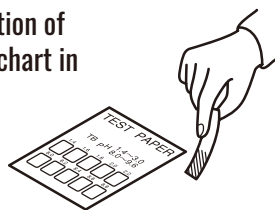
2 Carefully dip the pH test paper in the water sample (less than half a second).

*Dipping the test paper too long (longer than 1 second) causes the pigment to be dissolved into the sample water resulting in inaccurate test results.

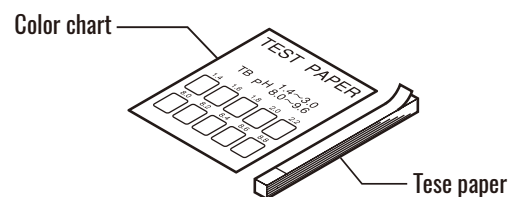


Shake the pH test paper gently to remove excess water.

3 Check the color of the wet portion of the pH test paper to the color chart in a brightly place. (less than 5 seconds.)



Accessories pH test paper :
For measuring STRONG ACIDIC WATER



Does not fall below 2.7

- (1) There is too fast of water flow.
 - Turn the faucet so as to reduce the flow of water.
- (2) The electrolysis enhancer tank is empty.
 - Re-fill electrolysis enhancer.

⚠ CAUTION

- The pH test paper can only be used to check the pH value of Strong Acidic Water.
- Do not lick the pH paper. If you do, rinse out your mouth and gargle immediately.
- The pH test paper must be kept in cool, dry, and dark places.
- Store the testing liquid and paper out of reach of children.

SETTING

SOUND VOLUME SETTING SD501DX

● Default: Low

ENGLISH

1

With the power off, press  button for three or more seconds to sound volume setting mode.

Press for 3 seconds or longer



2

While the lamp is blinking, press  button to select sound volume level.

Select sound volume level

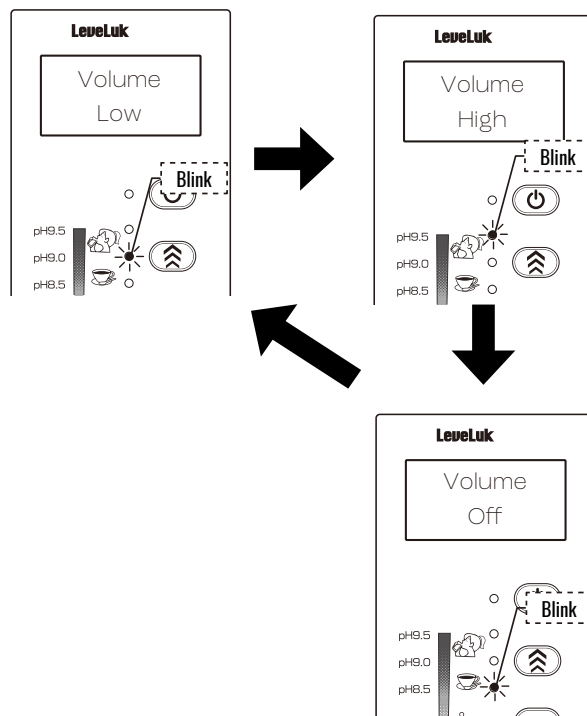


Sound volume level:
Low → High
↑ ↓
Off

3

Once the sound volume setting is complete, the power turns off after 15 seconds, or the power turns off immediately by pressing any button other than  button.

<Display and lamp in sound volume setting mode>



LANGUAGE SETTING

● Default: English

1

With the power off, press  button for three or more seconds to language setting mode.

Press for 3 seconds or longer



2

While the lamp is blinking, press  button to select language.

Select language



example: English

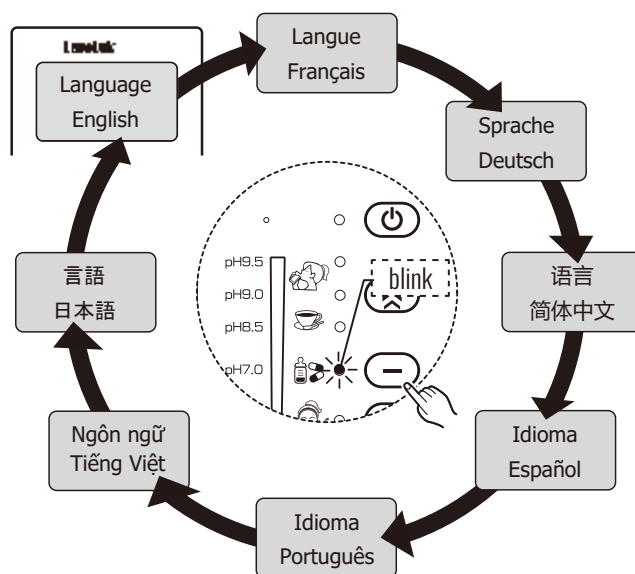
SD501DX  The language has been set to English

Language:
English ▶ Français ▶ Deutsch ▶ 简体中文 ▶ Español
▶ Português ▶ Tiếng Việt ▶ 日本語 ▶ English

3

Once language setting is complete, the power turns off after 15 seconds, or the power turns off immediately by pressing any button other than  button.

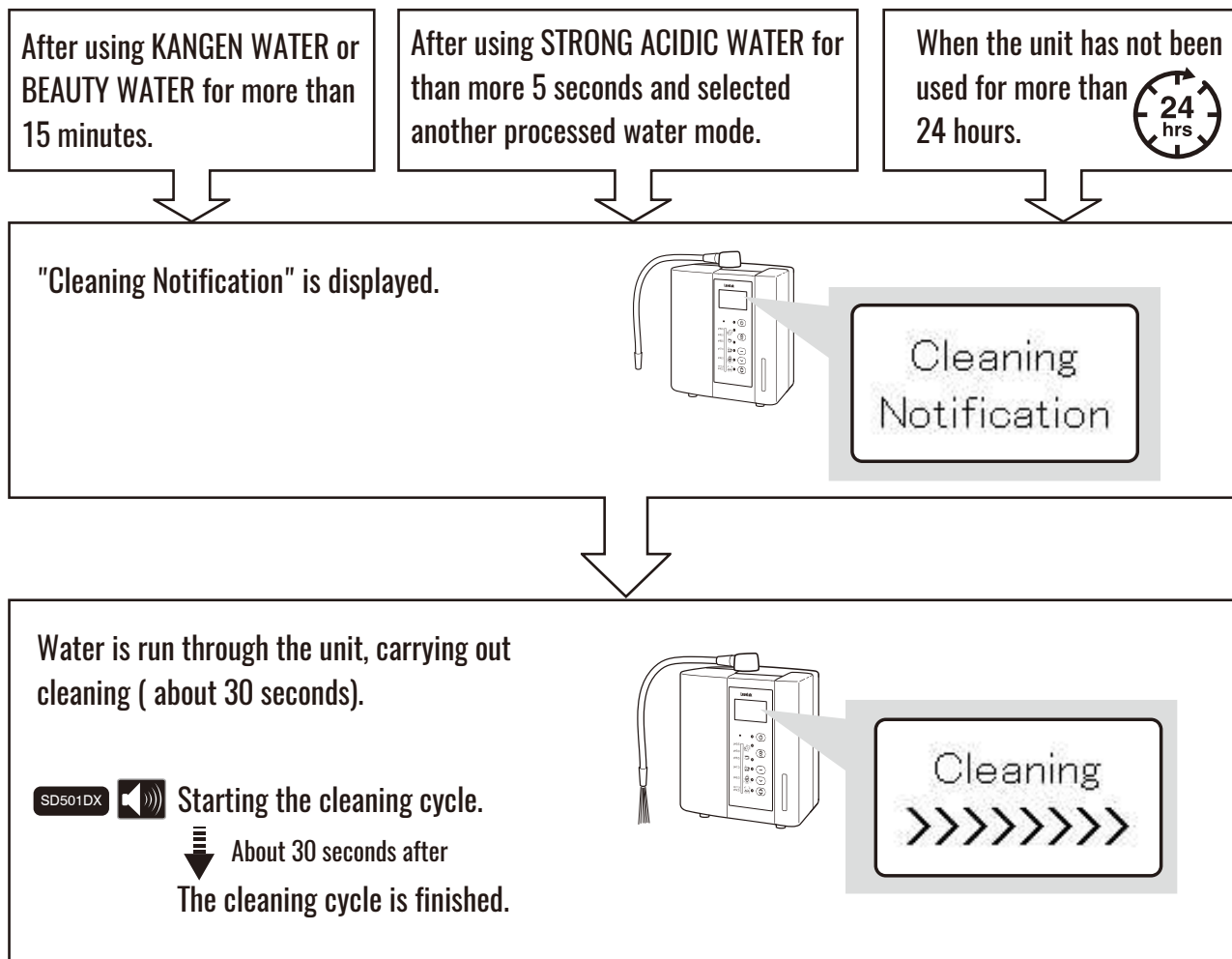
<Display and lamp in language setting mode>



AUTOMATIC CLEANING

■ Automatically cleans the electrodes to remove calcium deposits on the electrode plate inside the unit.

NOTE Do not pull out the power plug.



NOTE You cannot select the E-Cleaning until the automatic cleaning is completed. If you want to do the E-Cleaning, be sure to run water through the unit and completed the automatic cleaning. Do not use the water that comes out from the flexible pipe or draining hose.

HOW TO REPLACE THE WATER FILTER

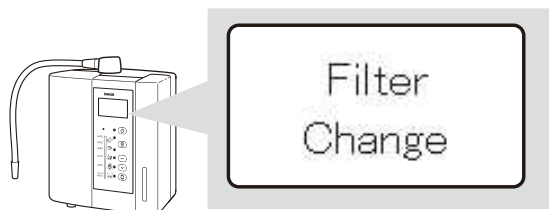
If it is time for replacement, replace it with a new water filter.

Guide to replacing the water filter

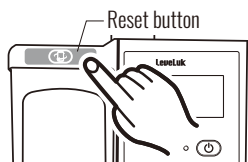
- Total amount of water run through the filter: 6 000 filter※
- Period of use: Approximately 1 year

※Value indicated in JIS S 3201 Testing Method for Household Water Purifiers.

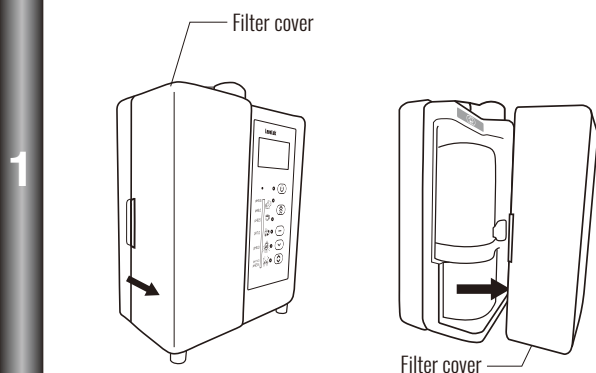
When the turning off the faucet, the following display will appear.



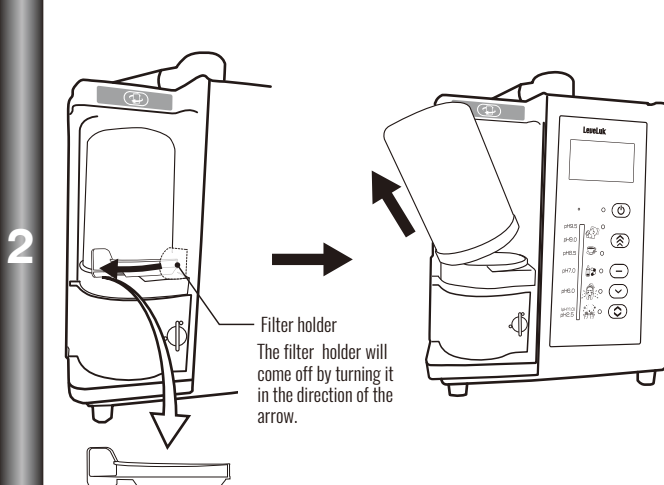
※When you cannot replace the filter immediately, press the reset button. If filter replacement has not been completed, "Filter change" indication will reappear about 2 weeks.



Remove the filter cover.



Remove the filter holder > Remove the water filter.

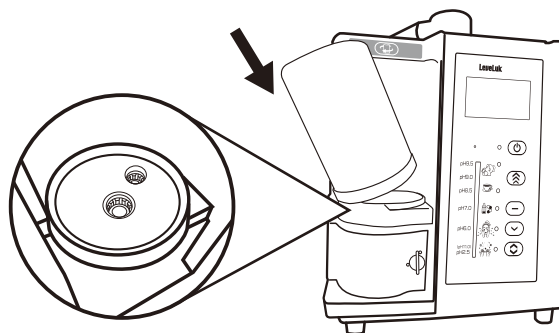


CAUTION

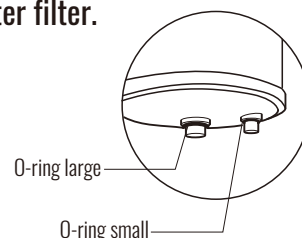
- Do not pull out the power plug or connectors.
- Do not push over the unit or aim the flexible pipe upward.
- Replace the water filter after stopping the water from flexible pipe and secondary hose.

Install the new filter.

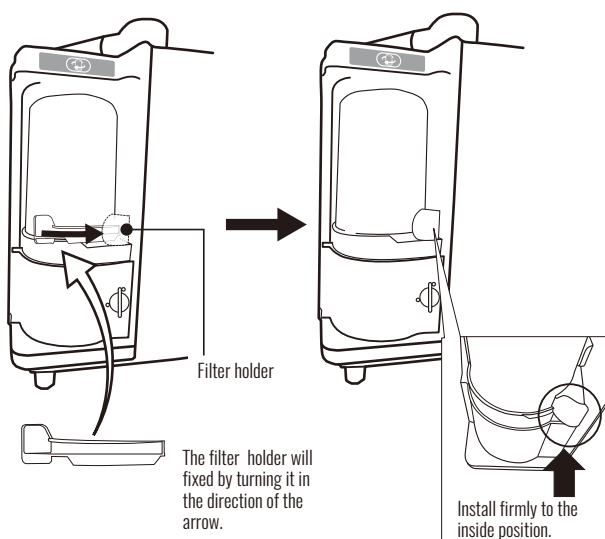
Ensure that the previous O-rings do not remain on the filter tray. Confirm installation position and insert the replacement filter firmly.



NOTE Ensure that the O-rings are fixed on the new water filter.

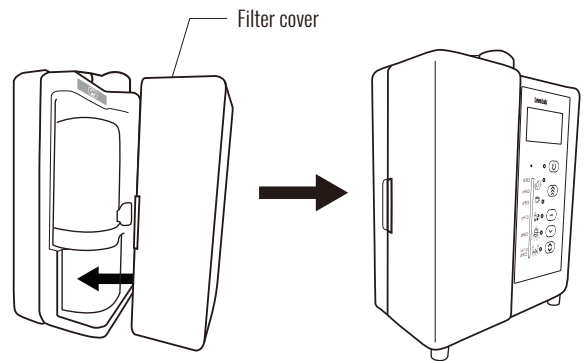
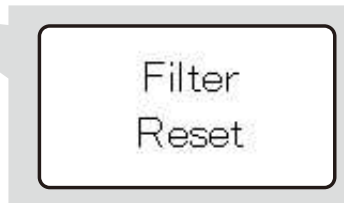
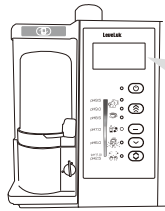


Install the filter holder.



Install the filter cover.

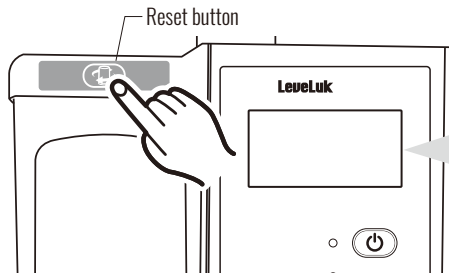
When recognized the new filter, the filter history is reset automatically and the screen display reverts to the main screen.



SD501DX Your filter has been reset

▼ When using non-genuine filter ▼

Cannot recognize the filter. Press the reset button.



Filter error
The filter may not be
an original Enagic filter.
Warranty may not cover
any malfunctions.

Filter
Set

SD501DX The filter has been set

⚠ CAUTION

Approximately two weeks after installation of a non-genuine filter or exceeding the recommended water flow amount or usage time, "Filter change" is displayed.

Non-genuine filters are not manufactured to specifications suited to this product, so their use may result damage and void your warranty.

Please purchase genuine filters at the Enagic Online Shop or other locations that sell our products.

NOTE

- Run water through the unit for 3 to 4 minutes when you first use a new filter.
- Please ensure that the spent water filter (combustibles) observe the regulations of the region. (The material of water filter case is ABS resin. Please refer to page 28 standard specifications for inside filtering material.)

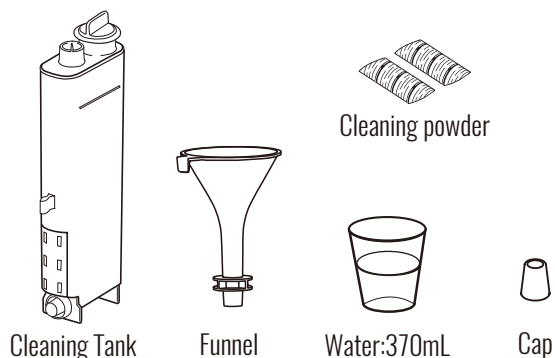
E-CLEANING : Remove calcium adhering to the inside of the unit.

CAUTION

- Be sure to shut off faucet and stop any function.
- Use two packets of our cleaning powder for one cleaning operation. The use of another manufacturer's powder may cause damage to the unit.
- If the cleaning solution gets into your eyes, wash it away immediately.
- Please use the cleaning powder once every week or two weeks.

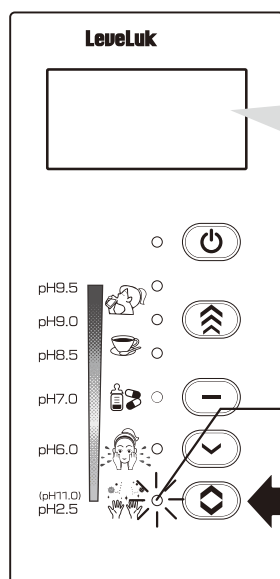
Necessary time for cleaning: About 3 hours

Items to be obtained



The cleaning powder contains citric acid which is commonly used as food additive and is harmless.

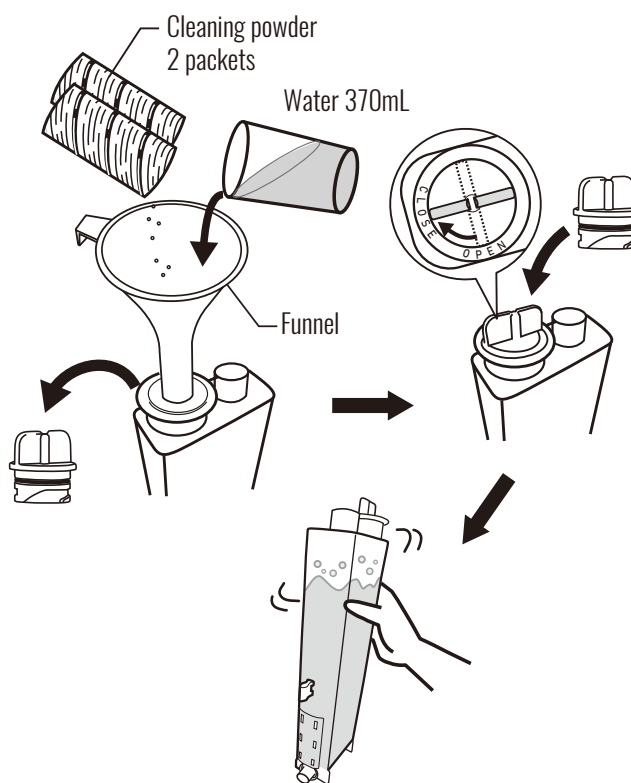
With the power off, press button for three or more seconds to cleaning mode.



E-cleaning 1
Pour two packets of cleaning powder into the cleaning tank, fill with 370mL of water and mix thoroughly.

blink

Press 3 or more seconds



Cancel: long press

Next

Cleaning the machine

Please do the E-cleaning once every one to two weeks. We recommend deep cleaning once a year at a qualified service center. Deep cleaning intervals may vary, depending on hardness of source water. Water softener is recommended only for extremely hard water sources.



Long press

(Up to E-cleaning 3 : It will be interrupted and the power will be turned off.

E-cleaning 4 and later : The procedure cannot be stopped even if it is interrupted.

Carry out E-cleaning according to display procedure.

E-cleaning 2
Remove the tank from the main unit.

Cancel: long press Next

E-cleaning 3
Install the cleaning tank.

Cancel: long press Next

If the tank is incorrect.

Error!
The tank is incorrect. Please insert the cleaning tank.

Install correctly and go to the next.

Cancel: long press Next

E-cleaning 4
Please put the cap on the secondary hose.

Long press: to E-Cleaning 6 Next

E-cleaning 5
Cleaning Time Remaining 180 min

Long press: to E-Cleaning 6 Next

E-cleaning 6
Cleaning is finished. Remove the cleaning tank.

Next

E-cleaning 7
Install the original tank.

Next

E-cleaning 8
Please remove the cap from the secondary hose.

Next

E-cleaning 9
Run the water to rinse the machine.

E-cleaning 10
Remaining 300 s

E-cleaning 11
Complete. Please turn off the water.

Please close the faucet, return to the power off state.

NOTE

- The water flows out of pipe or hose is cleaning water, so do not use it.
- After using the cleaning tank, thoroughly rinse the tank with tap water, dry it completely with a soft cloth, and store in a dry place.

USE OPTIONAL FUNCTIONS

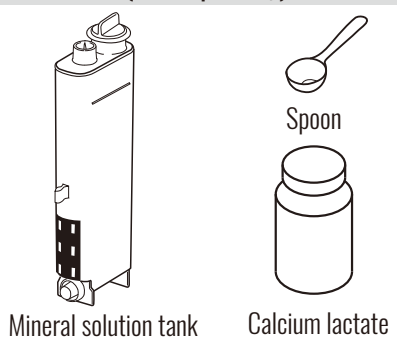
● Use of the mineral additive.

If the pH value remains lower than the normal range, add calcium lactate (must be purchased separately).

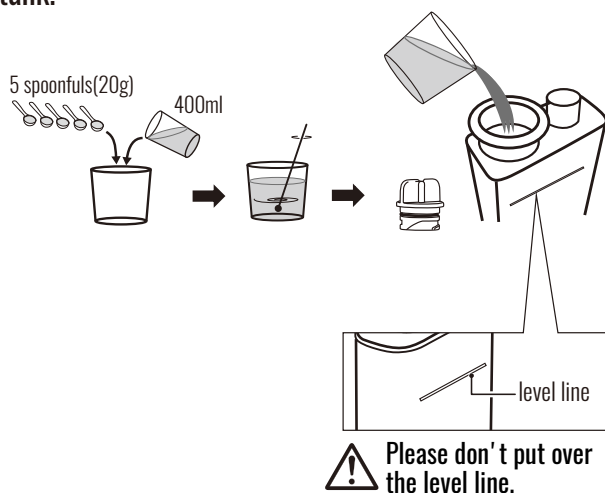
- Calcium lactate (optional) increases the calcium concentration in KANGEN WATER.
- The addition of calcium lactate is for the purpose of activating electrolysis more, not for the purpose of ingestion.
- If the pH value is within the normal range, there is no need to add calcium lactate.
- After use, wash the inside of the mineral solution tank so that no calcium lactate liquid remains, then carefully wipe away moisture, and allow the tank to dry.

Things to prepare

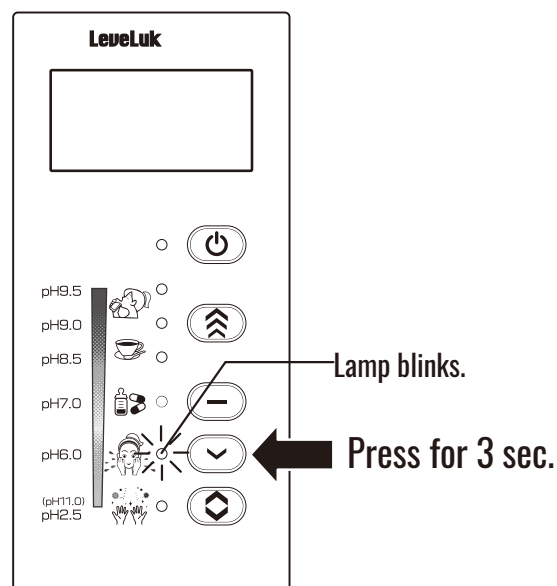
Mineral set (sold separately)



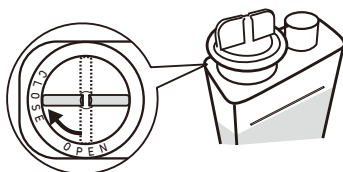
Put 20 g of calcium lactate (5 spoonfuls using the attached spoon) and 400 ml of lukewarm water into a container, dissolve it completely so that it does not become lumpy, then put it in the mineral tank.



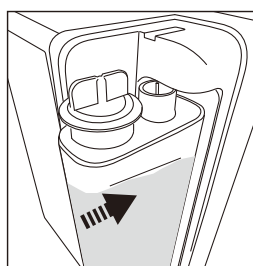
With the power off, press button for about 3 seconds to select the mineral additive mode.



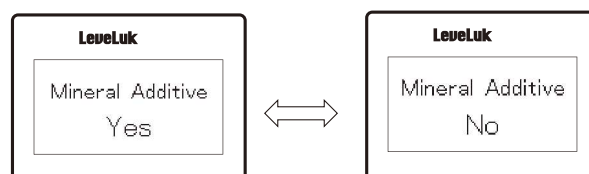
Insert the cap, turn it knob on the cap until it "CLOSE".



Insert it in the tank position of the unit.



Press button while the lamp is blinking, change the display to "YES".



If 15 seconds have elapsed without any operation or any button other than button is pressed, the power will turn off.

Return the unit to KANGEN Water mode by pressing button again.

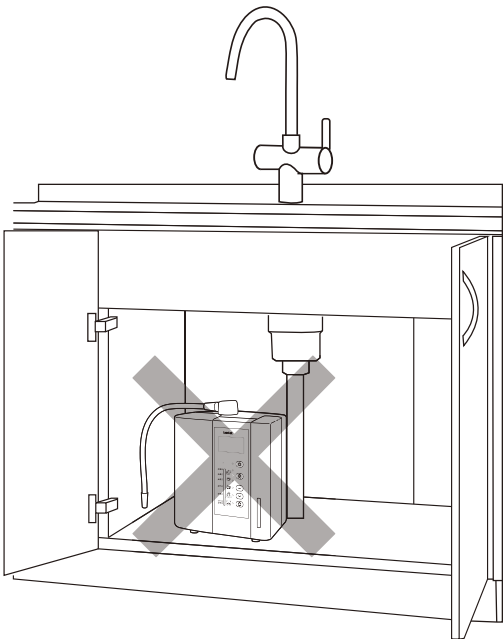
OPTIONAL ACCESSORIES

Available at the dealer from whom you purchased the product or dealers handing Enagic products.

Optional accessory		Guide of use
Mineral additive set	Mineral solution tank, Calucium lactate, spoon	When lower than the pH guideline.
Electrolysis Enhancer	400 grams per bottle	Producing Strong Acidic Water and Strong KANGEN Water.
Cleaning powder	24 packages per box	Remove calcium deposits on the electrode plate inside the unit.
Water supply hose (40-200 inch / 1-5 m)		
Secondary water hose (40-200 inch / 1-5 m)		
Long Flexible faucet Pipe (32 inch / 800 mm long)		
Screw fixed adapter		

Prohibition:
The original parts used for Enagic products are designed to provide functionality and safety. For this reason, ENAGIC does not approve the use of aftermarket or imitation products. In particular, installing any product other than the SD-U under the sink is strictly prohibited.

Parts Warranty:
Enagic warranty does not cover damages or failure of its products when used with third party products. ENAGIC is not responsible for failure, accident or damage resulting from the use or modification of parts other than genuine ENAGIC parts.



WHEN THIS DISPLAY APPEARS

Please take respective measure in case the indications are displayed as follows.

If the indicators continue to light up after taking measures, unplug the device and consult your distributor.

ENGLISH

DISPLAY	CAUSE AND NECESSARY ACTION
Hot Water	● This message is displayed if hot water at a temperature of at least 40 degrees C is run through the unit and the hot water protection device operates. ➡ Run through water below 35 degrees C.
Overheat	● This message is displayed when the temperature inside the unit rises and the temperature detection device operates. ➡ Close the faucet and power off, keep on 30 minutes. It may take 30 minutes or more depending on the usage environment.
Out of enhancer	● This message is displayed when the electrolysis enhancer is used up while strong acidic water is being made. ➡ Close the faucet and add electrolysis enhancer before use.
Filter Change	● This message is the filter replacement timing. ➡ Remove the filter and replace with a new one.
The enhancer tank is missing. Please insert the electrolysis enhancer tank.	● This message is displayed when the electrolysis enhancer tank is not installed. ➡ Close the faucet and install the electrolysis enhancer tank.
The mineral tank is missing. Please insert the mineral solution tank.	● This message is displayed when the mineral solution tank is not installed. ➡ Close the faucet and install the mineral solution tank before use.
Error! The tank is incorrect. Please insert the cleaning tank.	● This message is displayed when the cleaning tank is not installed. ➡ Close the faucet and install the cleaning tank before use.
Filter error Cannot recognize the filter. Please reinstall.	● This message is displayed when the water filter cannot be recognized. ➡ It may cause a decrease in functionality. Please use Enagic genuine products.
Filter error The filter may not be an original Enagic filter. Warranty may not cover any malfunctions.	● This message is displayed when the water filter cannot be recognized. ➡ It may cause a decrease in functionality. Please use Enagic genuine products.

TROUBLESHOOTING

If you encounter the following symptoms, please take the appropriate measures. Never attempt to disassemble or repair the product yourself. Unplug the device and consult your distributor.

SYMPTOMS	CAUSES AND SOLUTIONS
• Nothing is displayed on the screen. • The power does not turn on.	● The power cord is not connected to the power outlet or the unit. ➡ Check the connection.
• Alarm sounds.	● Abnormality detection. ➡ Check the display on the screen.
• No water comes out. (In case of cold weather)	● The inside the unit is frozen. ➡ Raise the room temperature and wait for the inside of the unit to melts.
• Weak water flow or decreased output.	● Water flow (pressure) is low. ➡ Open the faucet wider. ● Water filter has clogged. ➡ Replace the water filter with a new one. ● Cleaning timing. ➡ Carry out E-Cleaning.
• KANGEN water has chlorine odor.	● The performance of the water purification filter is reduced. ➡ Replace the water filter with a new one.
• White suspended matter is mixed in with the KANGEN water.	● Calcium processed by electrolysis. ➡ This is not a malfunction. If it bothers you, carry out E-cleaning.
• The inside of secondary water pipe is stained dark.	● Oxidizing material, such as iron has adhered. ➡ This is not a malfunction. If it bothers you, carry out E-cleaning.
• The pH value of Strong Acidic water does not fall below 2.7.	● There is too fast of water flow. ➡ Turn the faucet so as reduce the flow of water. ● The electrolysis enhancer tank is empty. ➡ Replace the electrolysis enhancer tank with a full one.
• It is becoming difficult for the pH level to rise.	● Calcium has built up inside the unit. ➡ Run through Beauty water (Acidic water) for about 1 minute or more. ● Cleaning time. ➡ Carry out Cleaning.

STANDARD SPECIFICATIONS

ENGLISH

Ionizing system / Feed water specs and connection		Continuous ionizing system (Built-in flow rate sensor) / One way diverter	
Item name		Leveluk SD501DX	Leveluk JrIVDX
Model		A29-01	A29-02
Rating		100-240 V AC 50-60 Hz 2.6-1.1 A	
Main unit dimensions		Approx. H13.1 × W11.0 × D5.7 inch (H33.4 × W28.0 × D14.5 cm)	
Main unit weight		Approx. 11.9 lbs (5.4 kg)	
Usable water		Potable water (Drinking water): Raw water that has been treated to a level sufficient to meet federal drinking water standards as well as state and local water quality standards and is safe for human consumption.	
Applicable water pressure		50-500 kPa	
Electrolysis	Output water volume (Generated water flow)	2.5-4.0 L/min [at water pressure of 0.1 MPa] (When Using KANGEN water) 0.6-1.2 L/min [at water pressure of 0.1 MPa] (When Using Strong acidic water)	2.0-3.0 L/min [at water pressure of 0.1 MPa] (When Using KANGEN water) 0.5-1.0 L/min [at water pressure of 0.1 MPa] (When Using Strong acidic water)
	Electrolysis capacity settings	KANGEN: 3 levels (Approx. pH 8.5 · pH 9.0 · pH 9.5) Clean water (Approx. pH 7.0) Beauty water (Approx. pH 6.0) Strong acidic water (Approx. pH 2.5) Strong KANGEN water (Approx. pH 10.0-)	
	Electrode cleaning	When KANGEN water or Beauty water has been used for more than 10 minutes. (10 seconds when the water is stopped) When water is not passed through the unit for 24 hours. (30 seconds)	
	Material of electrode and ionizing cell	Platinum-plated titanium	
	Electrolyzer life	Approx. 500 hours cumulative	
	Continuous operation capacity	Approx. 15 minutes at room temperature	
	Filter material	Granular Activated Carbon, Calcium Sulfite	
Water filter	Removable substance	Aesthetic Chlorine, Taste and Odor up to 1,500 gallons (6,000 liters)	
	Un-removable substance	Metal ions/salt dissolved in original tap water	
	Guideline for time to replace filter	Approx. 1 year [Total amount water: approx. 6,000 liters] (differ significantly depending on water quality)	
Available water temperature		5-35 degrees C. (41-95 degrees F.)	
Electrolysis enhancer (For Strong acidic water production)		Forced dissolving adding type	
Electrolysis enhancer (sodium chloride) re-fill need indication		Voice guidance, LCD message	LCD message
Power protection device		Current fuse 6.3 A	
Detection device		Detection of temperature rise and hot water	
Electric shock protection class		Class 1	
IP Code / Length of power cord		IPX1 / Approx. 2 m	
Manufacturer		Enagic International Co., Ltd. 1-40-1 Hoshidakita Katano-shi Osaka 576-0017, Japan	

- Specifications and design subject to change for product improvements without notice.
- The electrolytic processing capacity and the filter service life largely depend on the water quality or how the machine was used.

AFTER-SALES SERVICE

Warranty

Please keep the included warranty in a safe place for future reference.

If you need repair during warranty period.

For repairs, please contact your local dealer.

(Please read the warranty carefully, some repairs may not be covered under the warranty.)



CAUTION

*You may be charged if your repair is for any of the following reasons.

1. Trouble resulting from handling in a manner that is not specified in the "Instruction Manual".
2. Trouble or damage due to the use of water other than municipal drinking water.
3. Trouble or damage due to natural disaster, such as, earthquake, fires or floods.
4. Dropping the product or damage caused during transportation.
5. Damage caused by use of improper voltage.
6. Replacement of consumable parts.
7. Replacement of spent electrode.
8. Trouble resulting from improper usage or failure to perform regular maintenance.
9. Trouble resulting from tampering or altering.
10. Trouble caused by sediment or lime scale deposits.

If you need to repair after warranty expiration.

Contact your local dealer. Repair may be available upon request at purchaser's expense.

Other

- If you have any questions about the product, please contact your dealer.
- For use with cold water only.
- Do not use with water that is microbiologically unsafe or unknown quality without adequate disinfection before or after the system.
- Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes.

MEMO



ENGLISH