Salt Chlorinator User Manual



Mini Series



Pro Series

*First of all, we express our most sincere gratitude to you choosing our products.
*Please be sure to carefully read this manual before using.
*Please put the instructions in the position easy to get and please keep it properly.
*To learn more, please scan the QR code on the left.

Green Element

VER: Jul 2026

Models

GR-SaltMini-2.5g/h	GR-SaltPro-15g/h
GR-SaltMini-5.0g/h	GR-SaltPro-20g/h
GR-SaltMini-7.5g/h	GR-SaltPro-25g/h
GR-SaltMini-10g/h	GR-SaltPro-30g/h
	GR-SaltPro-35g/h

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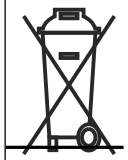
1. Special Notes



Disposal of waste electrical and electronic domestic systems in the European Union

All the products marked with this symbol indicate that the product shall not be mixed or disposed with your household waste at their end of use. It is responsibility of the user to eliminate this kind of wastes depositing them in a recycling point adapted for the selective disposal of electrical and electronic wastes. The suitable recycling and treatment of these wastes contributes in essential way to the preservation of the Environment and the health of the users. For further information regarding the points of collection of this type of wastes, please contact to the dealer where you acquired the product or to your municipal authority.

1.1 Warning

① All electrical connections must be carried out by a qualified approved electrician in accordance with the standards currently in force in the country of installation or,failing this, in accordance with the international standard IEC 60364-7-702.

② Before any maintenance or operation,ensure that the salt chlorinator is power unplugged, all machinery are turned off and power source is turned off.

③ Installation personnel must carefully read this manual before installation.If any improper or mistaken operation occurs,please contact the nearest authorized dealer or contact technical support department.

④ When parts are damaged, please prioritize the purchase of the replacement part at the manufacture or authorized dealer.

⑤ To reduce the risk of injury,do not allow children to use this product.

⑥ Service person should only be qualified pool service professionals.

2. Electrical safety

2.1 Qualified electrician

It is strongly recommended to hire a qualified electrician to take care of any electrical work related to the installation of the salt chlorine.They have the expertise to handle electrical connections safely and in compliance with local electrical codes.

2.2 GFCI protection

Ensure chlorinator and associated electrical connections are protected by ground fault circuit breakers(GFCI).(GFCI)is an essential safety device that protects against electric shocks in humid environments such as swimming pools.

2.3 Voltage and wiring

Use the correct voltage and wiring recommended by the chlorinator manufacturer.Ensure that the power supply meets the requirements specified in the chlorinator manual.

2.4 Weatherproof

All electrical components,including connections and sockets,should be weatherproof. This prevents water intake and minimizes the risk of electrical hazards.

2.5 Distance from water source

Install electrical components,receptacles and connections at a safe distance from water sources to prevent accidental contact with water.

2.6 Isolation and closure

Installation easily accessible shut-off switch or circuit breaker near the chlorinator.This allows for quick isolation of the power supply during maintenance or emergency situations.

2.7 Check regularly

Check electrical components regularly for signs of wear,damage,or corrosion.Make sure wires and connections are kept secure.

2.8 Safety precautions

- Use appropriate personal protective equipment (PPE)for electrical connection work.Avoid handling electrical components in wet areas to reduce the risk of electric shock.
- The unit must not be operated when there is no water flow in the cell.
- The cell must be located in a well-ventilated environment to prevent the dangerous accumulation of hydrogen gas.
- Never install the cell before the filter because the hydrogen generated could build up in the filter and provoke an explosion.
- The chlorinator must be the last element the water passes through before returning to the pool. Otherwise gas generated in the cell could build up in the circuit and cause an explosion.

3. Safe Pool Sanitizing Working Principle

The chlorinator uses electrolysis to break down the salt (NaCl) in the swimming pool to form Chlorine (Cl2). The control unit of the chlorinator can regulate the chlorine production by altering the electric current flow through the titanium electrode in the cell housing. Chlorine is an effective sanitizing agent which is commonly used in swimming pools,it can inhibit the growth of bacteria and fungi.

$2NaCl+2H_2O=2NaOH+H_2\uparrow+Cl_2\uparrow$

$Cl_2+2NaOH=NaCl+NaClO+H_2O$

4. Product Features

4.1 Convenience and the constant delivery of pure chlorine-based sanitizer.

4.2 No more artificial chemical cleaning agent which could cause skin and eye irritation. You just need to add natural salt in the pool.

4.3 The salt in the water is so little you do not taste or smell the salt.

4.4 The electrode is made of titanium, which is durable and resistant to corrosion.

4.5 Easy to install and operate.

4.6 The water does not have the heavy smell of chlorine because chlorine is not directly added to the pool.

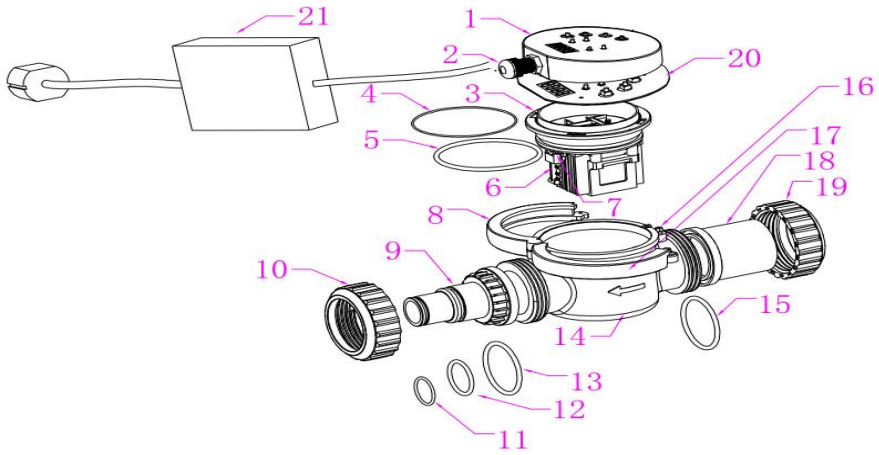
5. Model Chart

Working conditions and technical data					
Input Voltage	AC110-240V	Rated Frequency	50/60Hz	Water Pressure	0.05~0.4Mpa
Insulation Resistance	>20MΩ	Waterproof Rating	IPX4	Output Voltage	DC24V

Model	Chlorine Output	Recommended Salinity	Recommended Pool Volume	
			Cubic Meters	Gallons
GR-Saltmini-2.5g/h	2.5g/h	4000PPM	<10m³	<2.6K
GR-Saltmini-5.0g/h	5.0g/h		10-18m³	2.6-4.7K
GR-Saltmini-7.5g/h	7.5g/h		13-27m³	3.4-7.1K
GR-Saltmini-10.0g/h	10.0g/h		23-45m³	6.1-11K
GR-SaltPro-15.0g/h	15.0g/h		34-50m³	9-13K
GR-SaltPro-20.0g/h	20.0g/h		38-95m³	10-25K
GR-SaltPro-25.0g/h	25.0g/h		56-113m³	15-30K
GR-SaltPro-30.0g/h	30.0g/h		95-151m³	25-40K
GR-SaltPro-35.0g/h	35.0g/h		114-189m³	30-50K

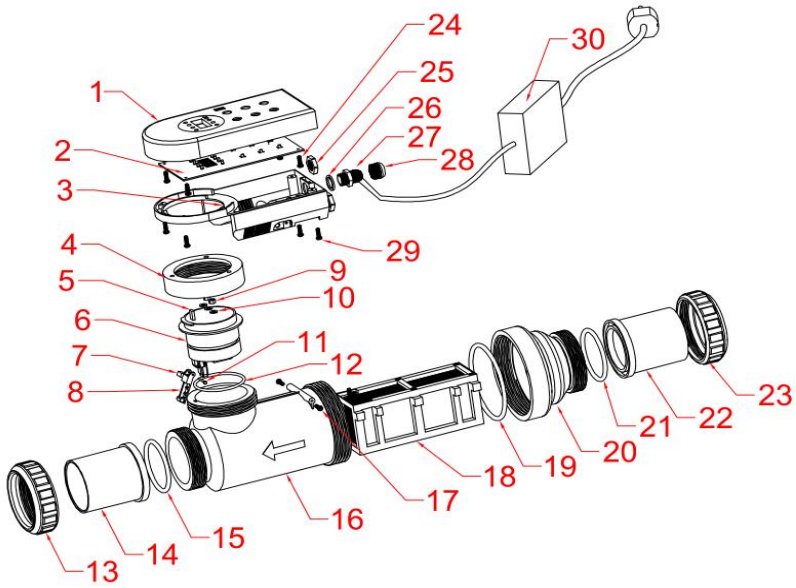
6. Structure Diagram

6.1 For Mini



1.Face cover	2.Cable gland	3.Cell plate	4.O-ring 85*1.5mm
5.O-ring 90*4mm	6.Flow sensor	7.Sensor lock	8.Buckle A
9.Outlet reducer pipe	10.Union nut	11.O-ring 32*2.4mm	12.O-ring 40*3.5mm
13.O-ring 60*4mm	14.Cell body	15.O-ring 60*4mm	16.Buckle nut M3*16
17.Buckle B	18.Inlet connection pipe	19.Union nut	20.Driver PCBA
21. Power adapter			

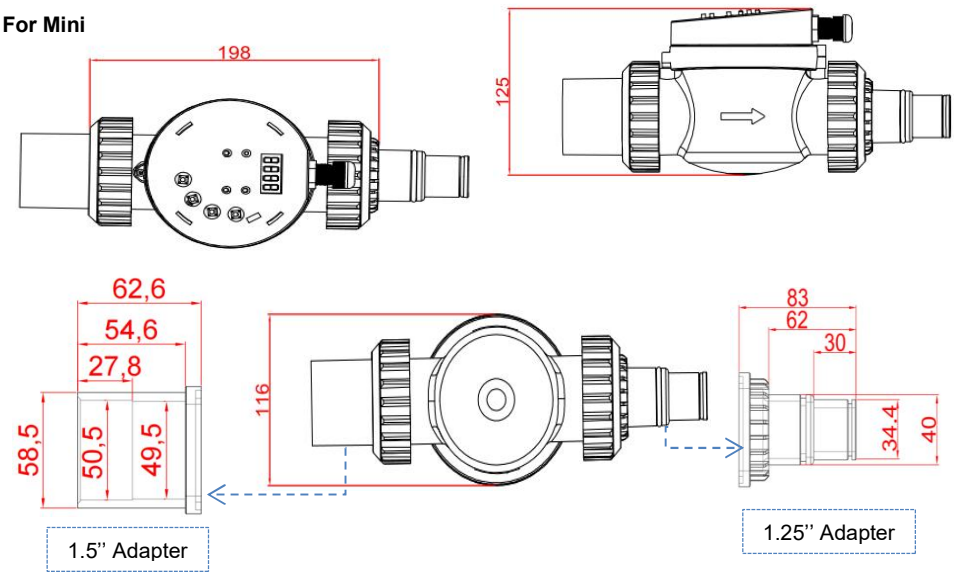
6.2 For Pro



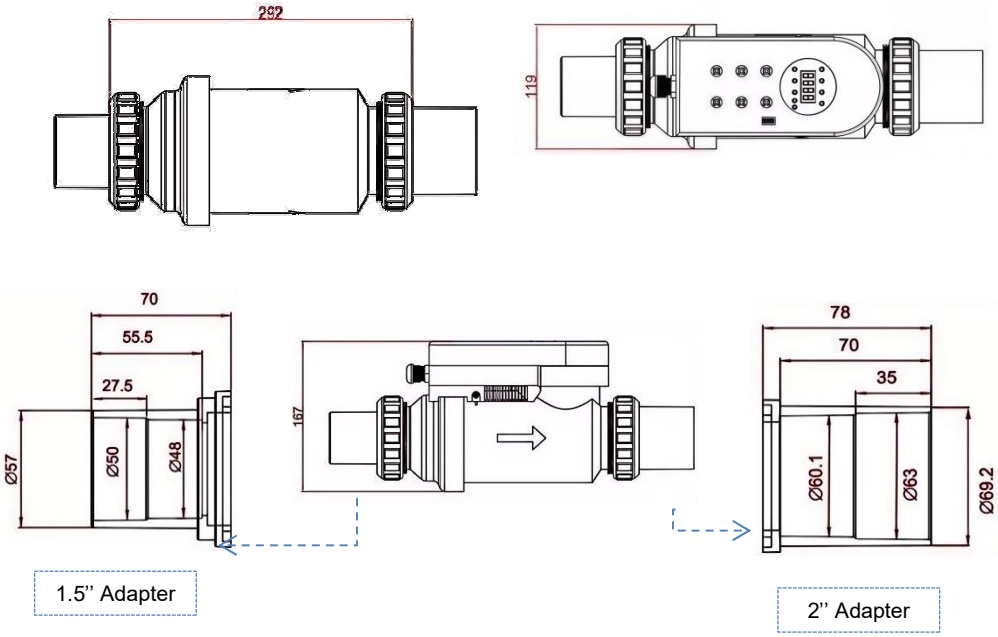
1.Face Cover	2.PCBA	3.Main Control Box Base	4.Electrode Post Sealing Nut
5.Positive magnet	6.Electrode Post Seal	7.Flow Sensor Magnet	8.Sensor Bracket/Holder
9.Titanium Nut	10.Titanium Washer	11.Sensor Bracket Block	12.O-ring 62*3.1
13.Union Nut	14.Inlet/outlet 63/50 Adapter	15.O-ring 70*5	16.Cell Body
17.Control Box Mounting Screw	18.Cell Plate	19.O-ring 102*4	20.Cell Nut
21.O-ring 70*5	22.Inlet/outlet 63/50 Adapter	23.Union Nut	24.PCBA Mounting Screw
25.Power Cable Gland Nut	26.Waterproof Gland Gasket	27.Power Cable Gland Nut	28.Waterproof Gland Cap
29.Control Box Locking Screw	30.Power supply		

7. Dimensional drawing (unit:mm)

7.1 For Mini



7.2 For PRO



8. Recommended water chemistry level

Before starting the equipment, manual water balancing must be performed. The table below summarizes some recommended concentration levels. You should check the water quality regularly to maintain these levels, which helps minimize corrosion or damage to the surface of the cell.

Salt level	3000-4000 PPM
Residual Chlorine	1.0-3.0 PPM
PH	7.2-7.8
Cyanuric acid(stabilizer)	30-50 PPM
Total Alkalinity	80-120 PPM
Water Hardness	200-300 PPM
Metals	0 PPM
Total Dissolved Solids	<1500 PPM

9. Electrode Cycle Period

9.1 Electrolysis Duration

$$\text{Turnover Rate(Hr)} = \frac{\text{Pool Volume(litre) x Standard Chlorine(g / litre)}}{\text{Chlorine Production Rate(g / hr)}}$$

Standard Chlorine Level not less than 2mg / liter = 0.002g / litre

Example:

Pool Volume:10m³=10000 litre

Chlorine Production Rate (g / hr) = 5g / hr

$$\text{Required Turnover Rate} = \frac{10000 \times 0.002}{5} = 4\text{hr}$$

9.2 Recommended Auto-Clean Time

Electrode reverses polarity every 4 hours.	Hard water area (>350 ppm)
	Electrolysis time ≥ 8 hours
	Water temperature consistently ≥ 30°C
	pH consistently > 7.8
Electrode reverses polarity every 6 hours	Soft water area (<250 ppm)
Electrode reverses polarity every 8 hours	Water chemistry level is within Section 8 specifications

10. Salt Level

If the amount of salt required is 4000 ppm.This means to add directly in the pool water 4kg/m³.

Low concentration of salt(below 2500 ppm) will cause premature cell failure.

High concentration of salt (above 6000 ppm) may cause electro-oxidation and corrosion damage to the stainless steel pool fixtures.

Pool Volume(m³)	Pool Volume(gallons)	Salt (kg)	Salt (Pound)
5	1320	20	44
10	2642	40	88
15	3963	60	132
20	5283	80	176
25	6604	100	220
30	7925	120	264
35	9246	140	308
40	10567	160	352
45	11887	180	396
50	13209	200	440
60	15850	240	528
70	18492	280	616
80	21134	320	704
90	23775	360	792
100	26417	400	880
110	29059	440	968
120	31700	480	1056
150	39626	600	1320

Note: Table based on 4000 PPM of salt per m³ of water.If you do not know the volume of the swimming pool, please use the following formula.

Swimming pool shape	M³（pool dimensions,in m）
Rectangular	Length x width x average depth
Round	Diameter x diameter x average depth x 0.785
Oval	Length x width x average depth x 0.893

Type of salt

Use only salt that complies with standard EN 16401 and is intended for salt chlorinators. more Specifically,

Use only sodium chloride (NaCl) that is more than 99% pure.

Do Not use the following types of salts:

① Rock salt.

② Salt with more than 1% sodium ferrocyanide.

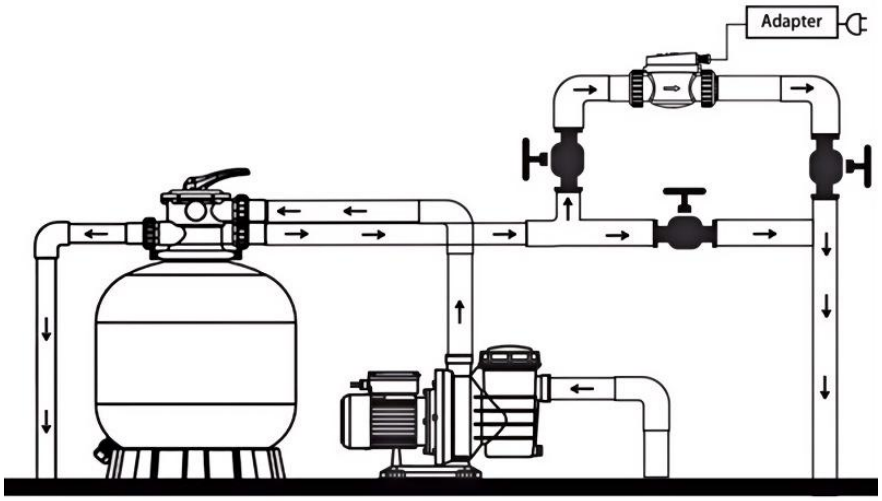
③ Salt with more than 1% of anti-caking additives.

④ Iodized salt.

11. Addition and Removing Salt in the Swimming Pool Water

- Before adding the salt into the pool,place the multiport valve on "Filtration" or "Recirculation" and then turn the filtration pump on.
- Add the salt directly into the pool or ballast tank and do not allow the salt to sit in a pile on the bottom of the pool.
- keep the filtration system running for 24 hours using the main drain or vacuum suction nozzle as a main suction line.
- As the salt in your pool is constantly being recycled, the loss of salt during the season is minimal. The salt concentration is primarily reduced when the water level must be topped up due to splashing or backwashing, or when rain dilutes the pool water. Salt is not lost through evaporation. The only way to remove the salt in the pool water is to partially drain the pool and refill with fresh water.

12. Installation schematic diagram



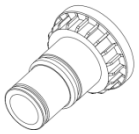
13. Installation Guide

13.1 for Mini

We provide two different specifications of adapters(1.5''and1.25'') for you. As shown below,before installation, please select appropriate adapter in accordance with the outer diameter of the PVC pipe. please use an adaptor for connection in accordance with the following steps:



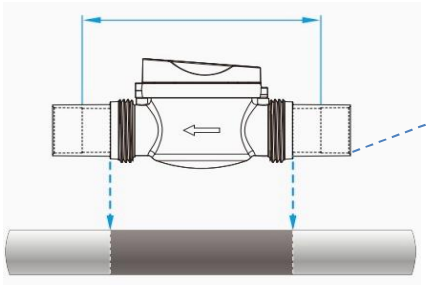
1.5'' Adapter

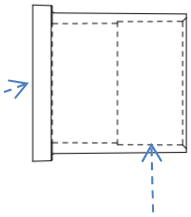


1.25'' Adapter

A. For 1.5'' adapter

① Cut the PVC pipe as per dimension.





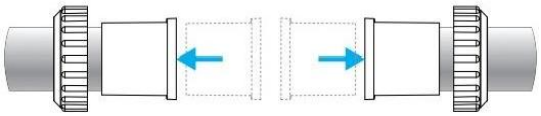
PVC pipe with an outer diameter of 50mm

For dimensions here,please refer to dimension drawing

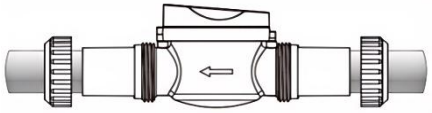
② Insert the threaded ring(nut) into the PVC pipe as shown.



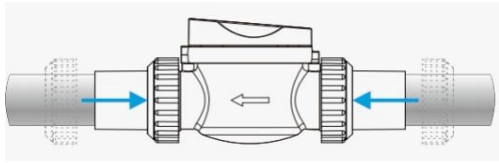
③Apply glue to the surface of the pipeline and put the adaptor into the PVC pipe.



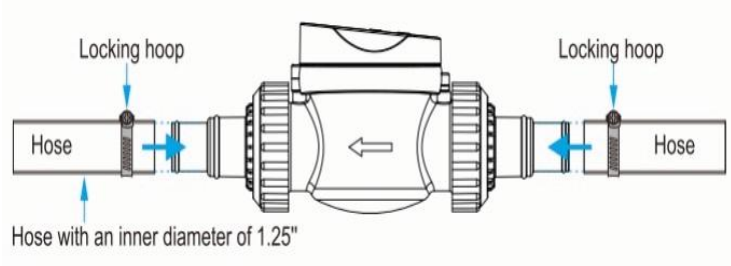
④ Align the salt and chlorine machine with both sides of the adaptor,and pay attention to putting a sealing ring in the inner measuring groove of the adaptor.



⑤ Finally, tighten the threaded ring(nut).



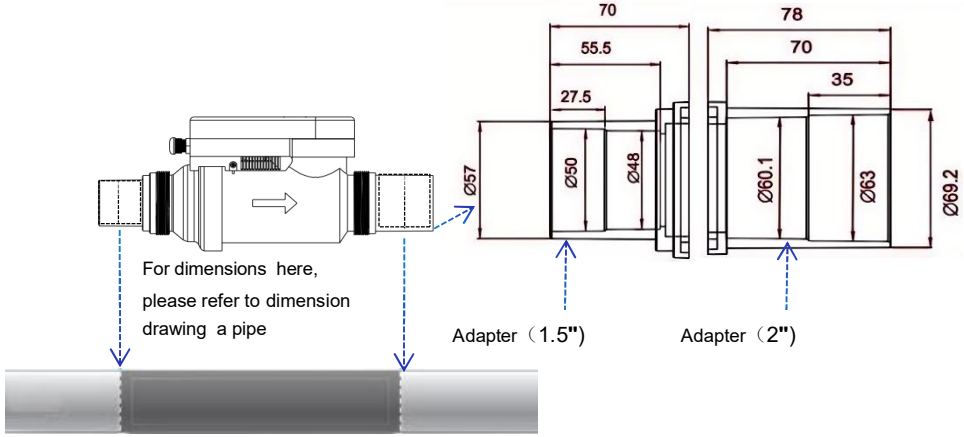
B. For 1.25'' adapter



We recommend that you read the installation instructions carefully and install the chlorinator according to the instructions; If you can not install by yourself, seek professional help to avoid improper installation.

13.2 for Pro

We provide two different specifications of adapters(2''and1.5'') for you. before installation, please select appropriate adapter in accordance with the outer diameter of the PVC pipe. please use an adaptor for connection in accordance with the following steps:

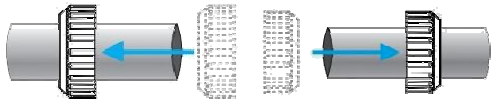


① Cut the PVC pipe as per dimension.

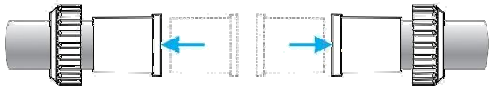
●PVC pipe with an outer diameter of 50mm.

●PVC pipe with an outer diameter of 63mm.

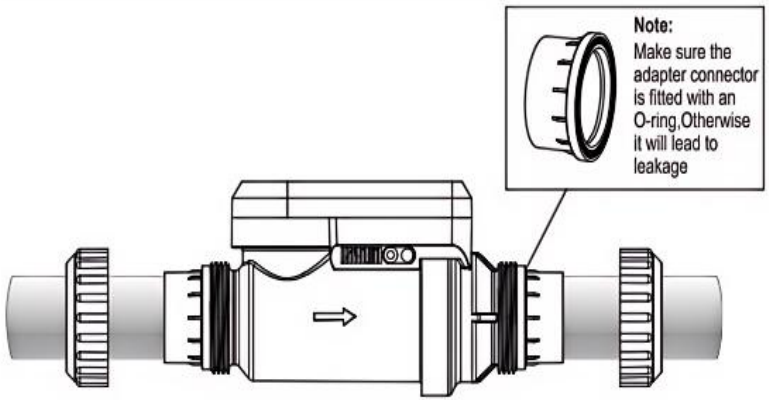
② Insert the threaded ring(nut) into the PVC pipe as shown.



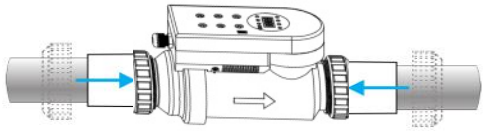
③Apply glue to the surface of the pipeline and put the adaptor into the PVC pipe.



④ Align the salt and chlorine machine with both sides of the adaptor,and pay attention to putting a sealing ring in the inner measuring groove of the adaptor.



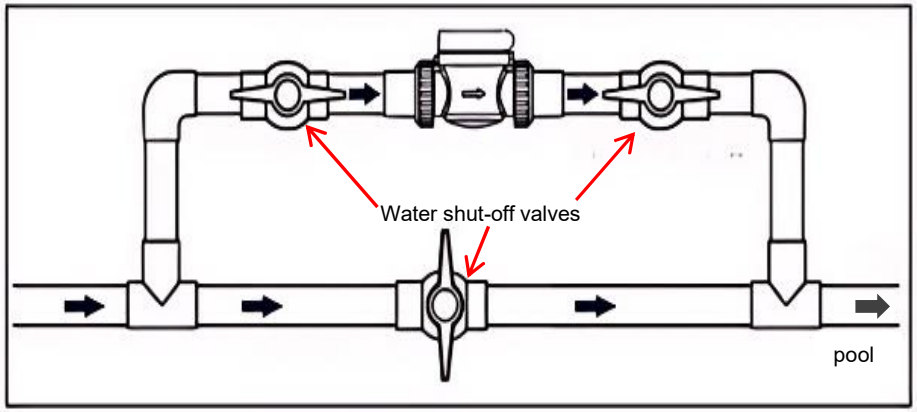
⑤Finally, tighten the threaded ring(nut).



13.3 One important note

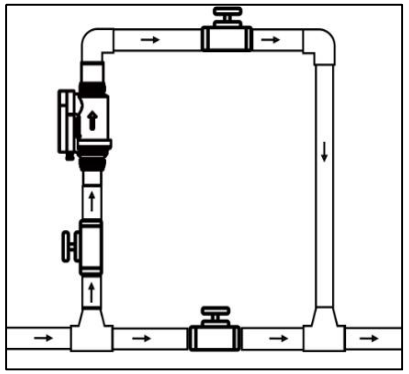
There may be other components in your pool circulation system such as filters,heating systems, etc.please note that the chlorinator must be installed in the last element of the loop and the water flow direction must be consistent with the water flow indicator on the chlorinator.

Use PVC adhesive to glue the connectors between pipes,and wait for the glue to dry completely according to the drying time indicated on the glue parameter label,and then perform a water leakage test to ensure that there is no water leakage before use.



Horizontal Installation Diagram

It is recommended that you use horizontal installation,and use bypass circuit installation,and install water shut-off valves at both ends of the chlorinator ,when it is necessary to clean the electrolytic cell, you only need to open the main water shut-off valves and close the water shut-off valves at both ends of the chlorinator, and then remove the chlorinator without shutting down the circulating pump.



Vertical installation Diagram



Wrong installation

If horizontal installation is not available and vertical installation is selected, follow the installation method shown in the figure and keep the water flow indicator on the chlorinator upward. The water flow direction of the pipe must also be upward. don't install a chlorinator with water flowing downwards.

14. Control panel



Mini series



Pro series

Note:
The Pro series and mini series share the same display content on the control panel. the difference lies in their chlorine production per hour. The following table will help you quickly understand the information shown on the panel.

	Digital tube	Display the working status of the Device.
LEDs	LS	Salt below 2500 PPM: LS light on.
	WT	Winter key pressed: WT light on.
	BT	Wireless communication active: BT light flashes.
	RUN	System running normally: Run light steady.
Keys	Power	・Hold 3s to power on; 5s to power off. ・In setup: 1s to confirm.
	Timer	Set daily operating hours.
	Winter	Activates winter mode.
	ACT	Set automatic cleaning interval.

15. Preparations before use

15.1 To ensure proper equipment operation, balance the pool water chemistry as specified in Section 8 before turning on the equipment.

15.2 Ensure that the salt concentration of the pool water is within the normal working range (4000PPM).

Notes:

・If the water in the pool is not fresh and/or if it is liable to contain dissolved metals, use a metal remover,according to the manufacturer's instructions.

・If your water has previously been treated with a product other than chlorine (bromine, hydrogen peroxide,PHMB, etc.),neutralize this product or replace all the water in the pool.

15.3 Ensure the water temperature is between 10 and 40 degrees Celsius.

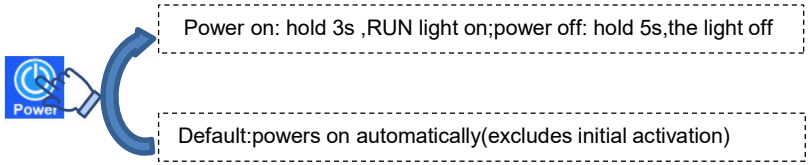
15.4 When the device is installed and connected,open the valve connecting with the salt chlorine generator and close the valve on the main pipeline.Turn on the leakage protection switch.

15.5 Start the pump,ensure that there is water flowing through the salt chlorine generator, and there is no water leakage at each joint,and the water flow switch is closed. (The water flow must meet the following conditions: 2.5m^3/h ≤ water flow ≤15m^3/h).

15.6 The adapter of the device has been connected to the power supply,and the power supply has been turned on.

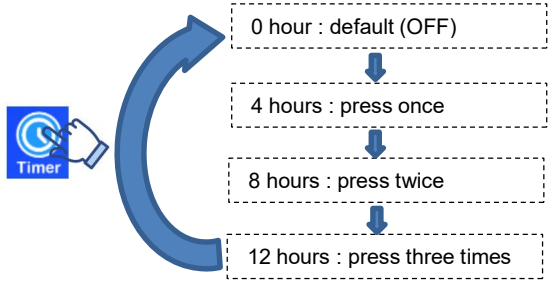
16. Operation Guide

16.1 ON/OFF



16.2 TIMER

To save energy, calculate daily operating hours (4-12h) per formula in Section 9.device memorizes settings for automatic daily operation.



Notes:

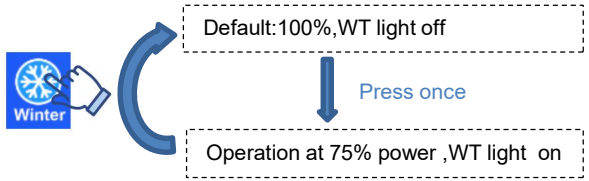
・First-time use: Default 0h—must be set.otherwise,device will not start.

・Settings apply after pressing Power key.

・Power loss/shutdown: Timer resets.

16.3 WINTER MODE

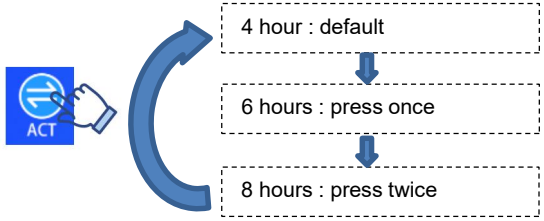
During winter,Algae and bacteria don't grow well in cold environments,thus, only a small amount of chlorine is needed.



Note: when the water temperature is below 10°C,the device will stop functioning.

16.4 AUTO CLEAN FREQUENCY

During operation, the high mineral content in hard water leads to the accumulation of calcium and magnesium scale on the cell, which can reduce efficiency and shorten the equipment's service life. Therefore, it is recommended to set an automatic cleaning frequency according to the requirements of Section 9, which helps dissolve accumulated scale and maintain optimal performance.



Notes:

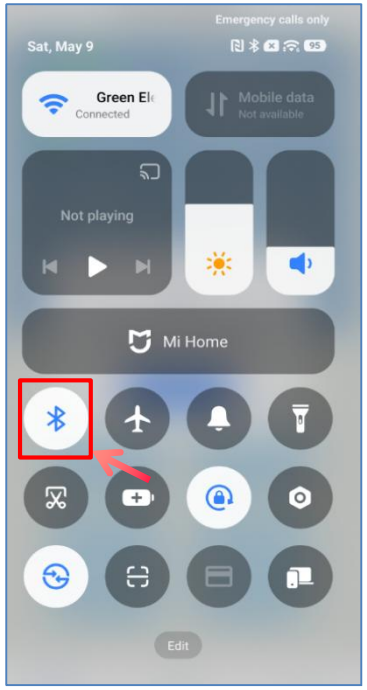
- All settings take effect only after pressing the Power key.
- Auto-cleaning will run once after your set interval (e.g., 6 hours).
- Maintain water hardness between 200–300 ppm.
- If auto-cleaning is unsatisfactory, manually clean as described in Section 20.

17. Guide of troubleshooting

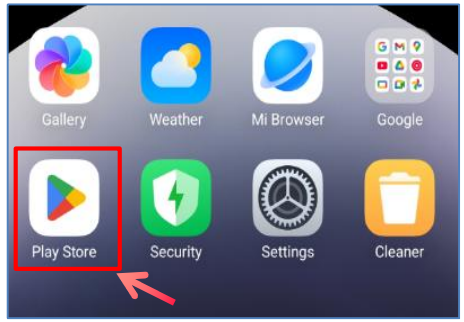
Malfunction	Fault code	Fault cause	Treatment method
Digital tube shows error code: E001	E001	No water flow or flow too low	Check for water flow in the electrolysis cell.
The LS light on	E002	Salt below 2500 PPM	Adjust salinity to 4000PPM
	OFF	Salt below 2000 PPM	
Temperature value is flashing on the digital tube	N/A	Water temperature exceeds 40°C	It is recommended to adjust the water temperature to 25°C-28°C
		Water temperature is below 10°C	

18. Android App Operation Guide

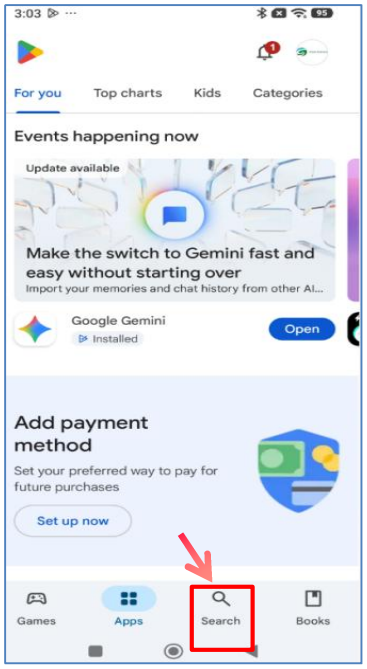
18.1 Turn on Bluetooth on your phone.



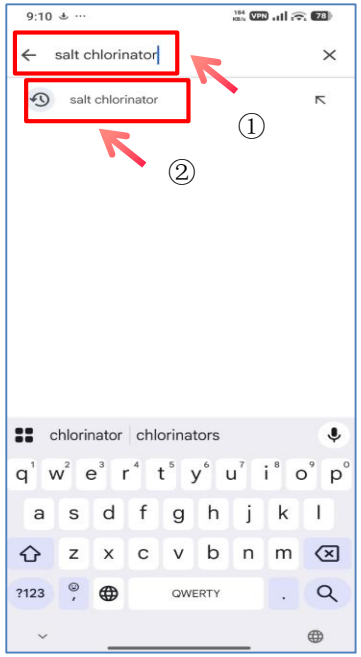
18.2 Open the Play Store.



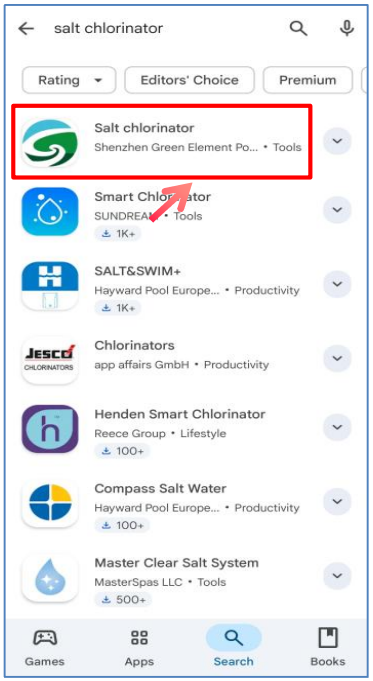
18.3 Tap the "Search" button.



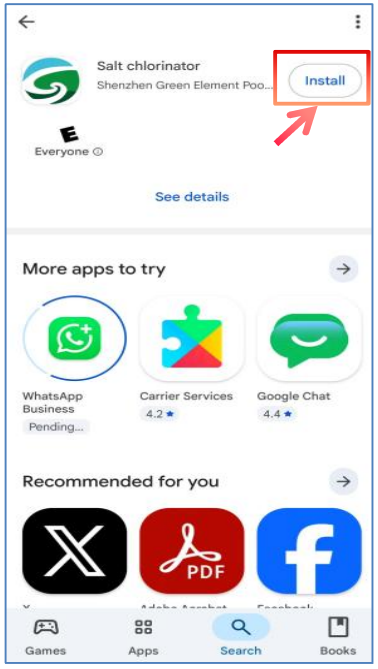
18.4 Type “Salt Chlorinator” into the search box,the tap the “Search” button.



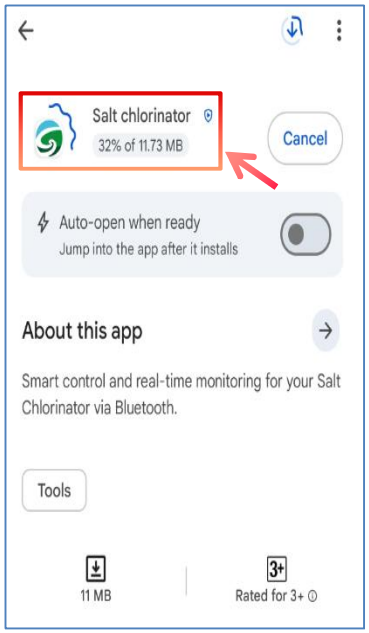
18.5 Swipe up on the screen, find our app, then tap it.



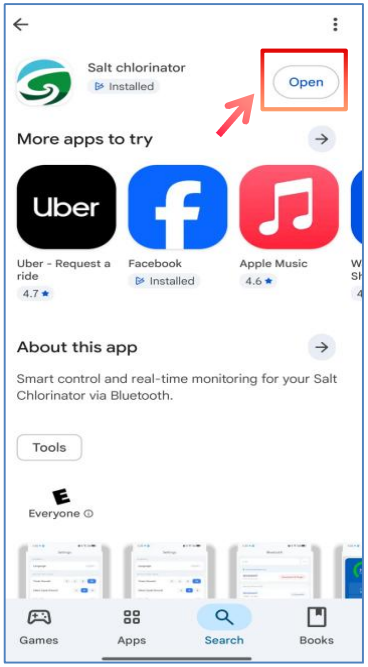
18.6 Tap the “Install” button to start the installation process.



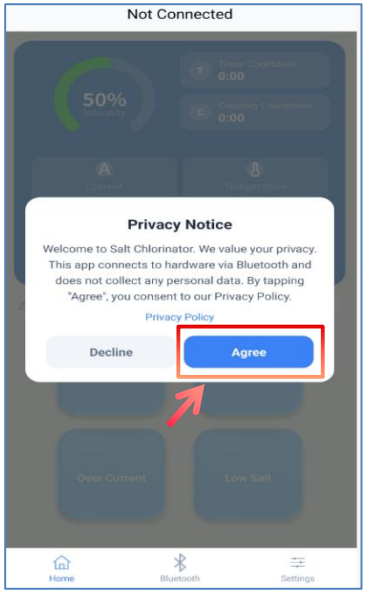
18.7 Wait patiently for the app installation to complete. Do not tap the “Cancel” button during this time.



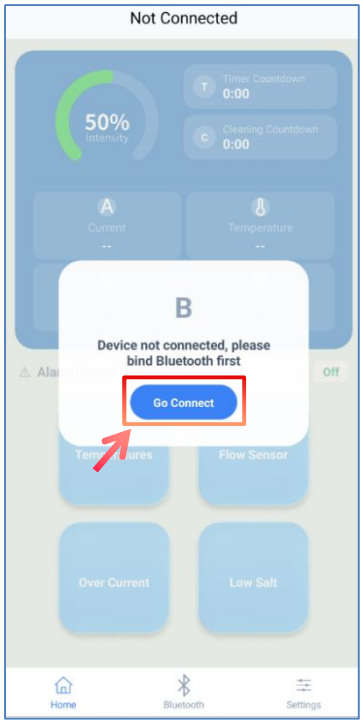
18.8 Tap “Open” to launch the app once the installation completes.



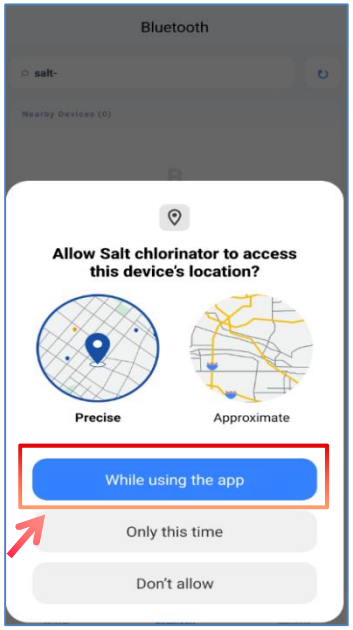
18.9 Tap “Agree”.



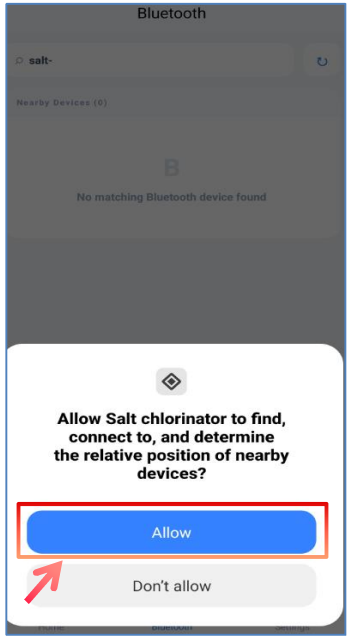
18.10 Tap “Go Connect”.



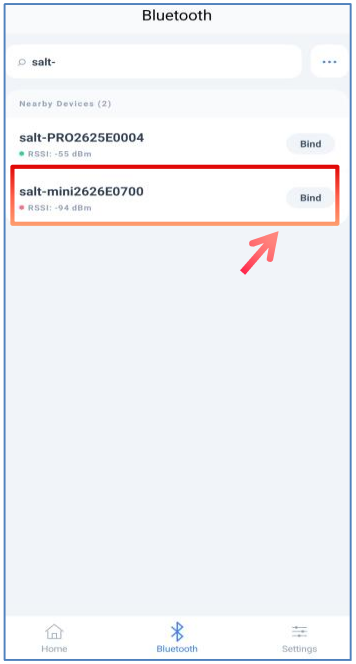
18.11 Tap “While using the app”.



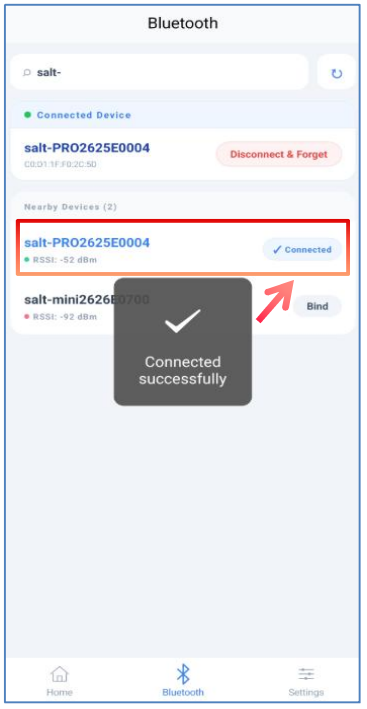
18.12 Tap “Allow”.



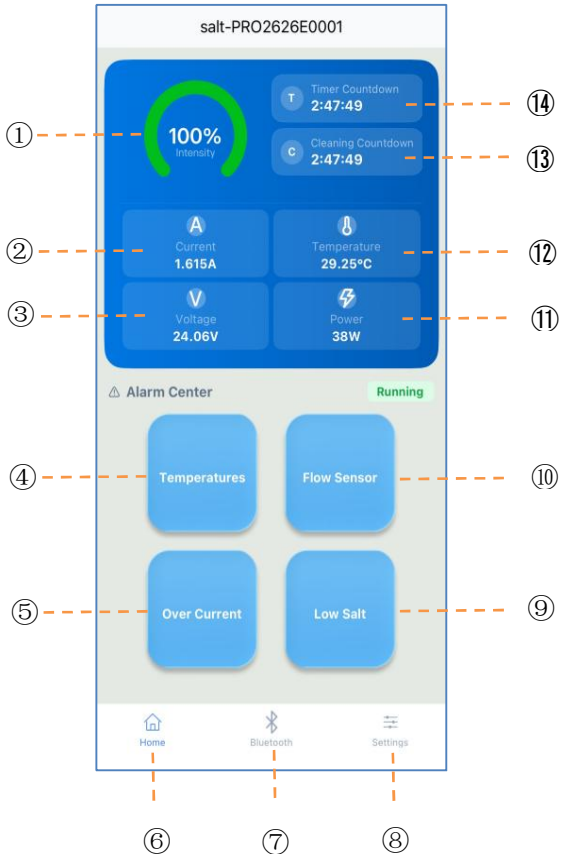
18.13 Find our Bluetooth device in the list and tap “Bind”. Our devices start with "Salt-".



18.14 Once the Bluetooth connection is successful, you will see the following prompt.

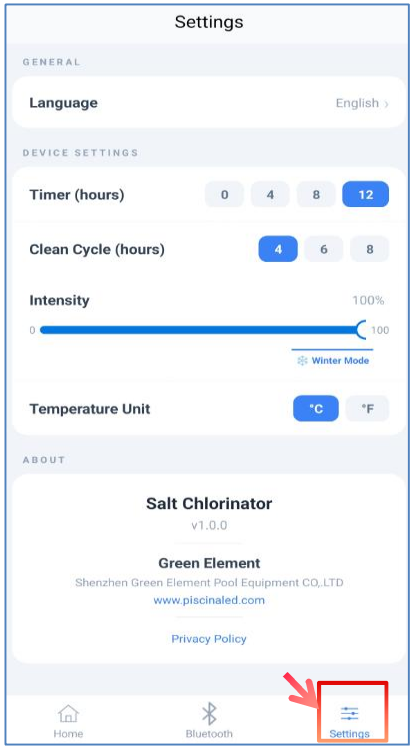


18.15 Tap the “Home” tab at the bottom, and you will see the main screen of the app.

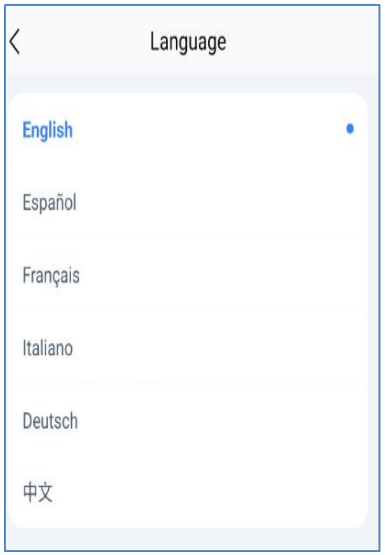


①	Device operating intensity: 0%–100%，0%: off (stopped)，100%: Max.
②	Live operating current.
③	Live operating voltage.
④	Trigger an alarm when the pool water temperature goes outside 10°C–40°C.
⑤	Trigger an alarm when the live current exceeds the maximum load.
⑥	Home tab.
⑦	Bluetooth settings button.
⑧	System settings button.
⑨	Trigger an alarm when the salinity drops below 2500 ppm, and shut down when it falls below 2000 ppm.
⑩	An alarm is triggered when there is no water flow or the water flow is too low in the electrolytic cell.
⑪	Live operating power.
⑫	Live water temperature.
⑬	The device will automatically clean the electrolytic cell after the countdown ends.
⑭	The device will automatically shut down after the countdown ends.

18.16 Tap the “Settings” button to enter the settings screen.



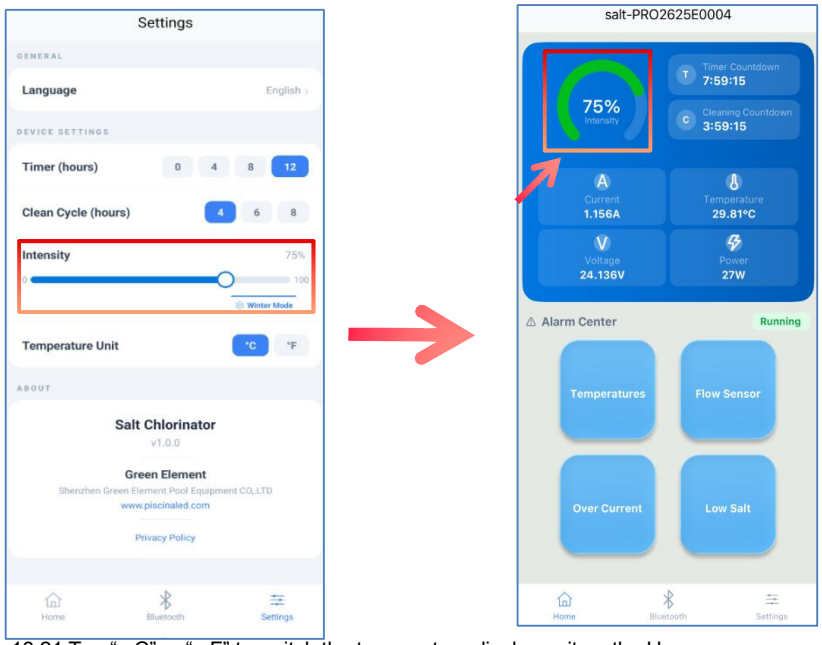
18.17 Tap “Language” to set your preferred language. Six languages are currently supported, as shown below.



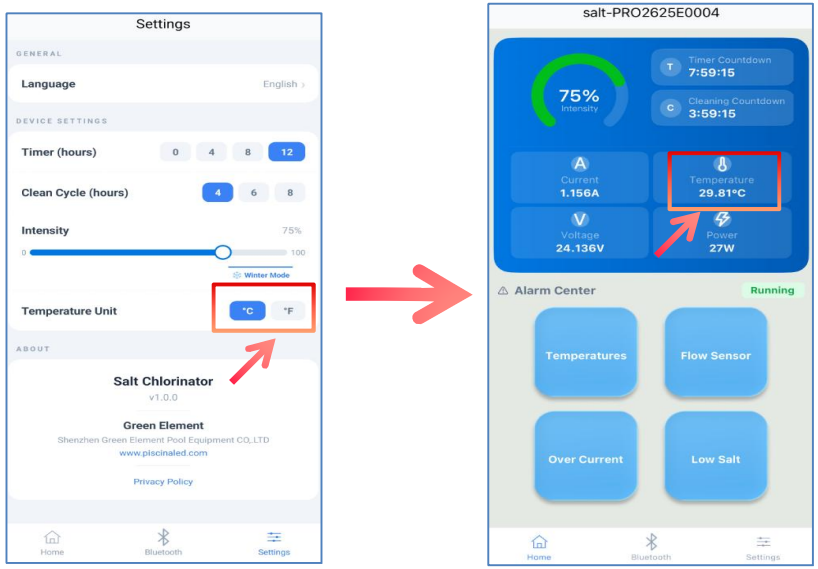
18.18 Tap the number next to "Timer" to set how many hours the device will run before it shuts down automatically.

18.19 Tap the number next to "Clean Cycle" to set how many hours the device must run before it performs an automatic cleaning.

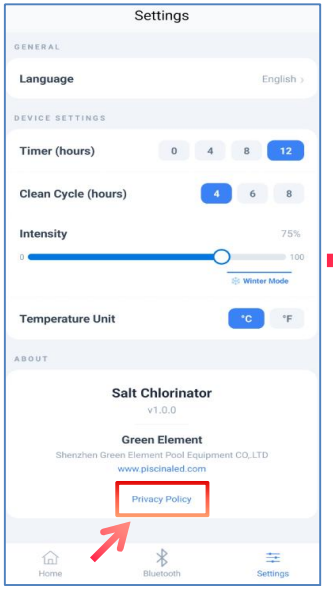
18.20 Drag the slider below "Intensity" to adjust the device's operating power. Dragging it to 75% triggers Winter Mode.

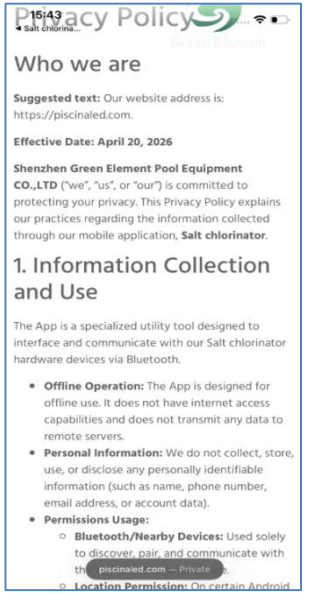


18.21 Tap “o C” or “o F” to switch the temperature display unit on the Home screen.



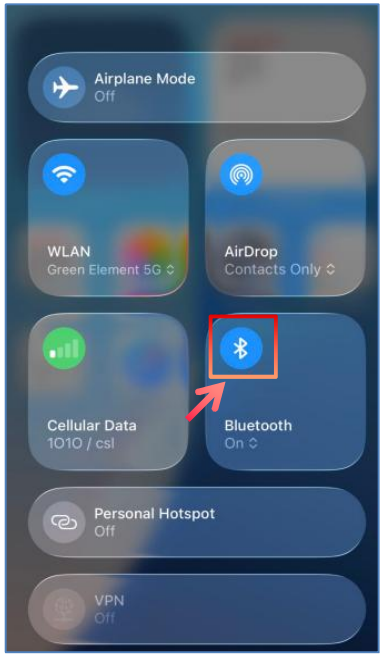
18.22 Click "Privacy Policy" to view the full Privacy Policy.



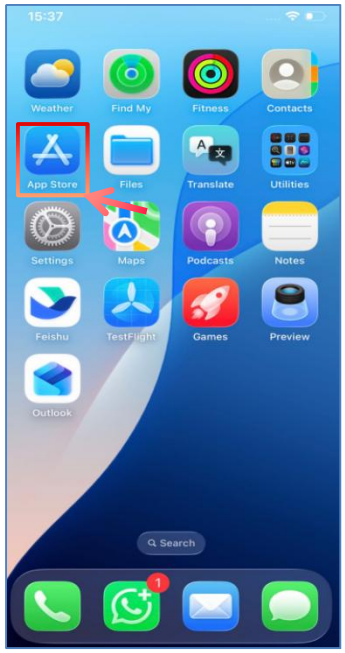


19. IOS App Operation Guide

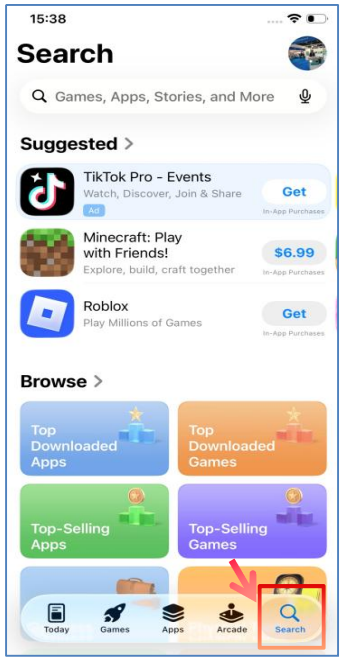
19.1 Turn on Bluetooth on your phone.



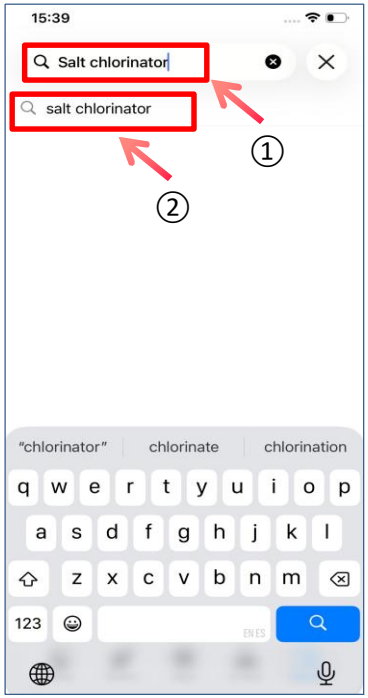
19.2 Launch the APP store.



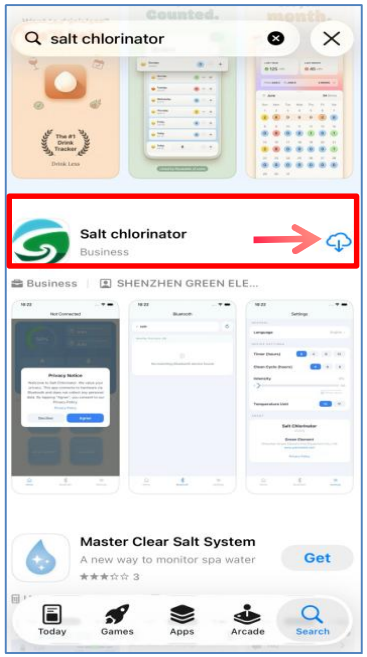
19.3 Tap the “search” button.



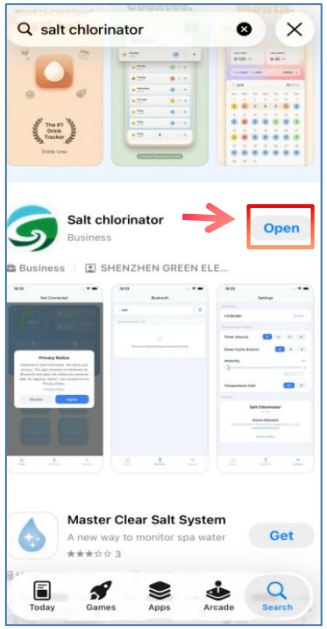
19.4 Type "salt chlorinator" into the search box, then tap the Search button.



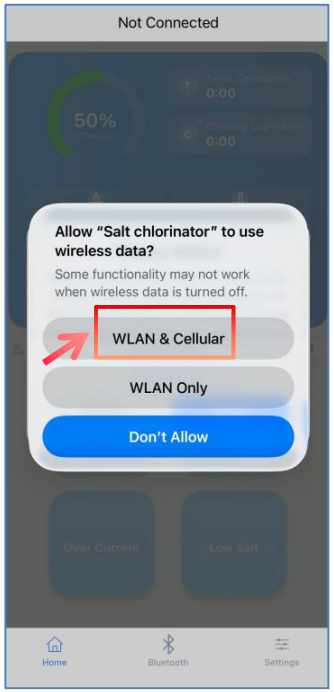
19.5 Swipe up on the screen, find our app, then tap “GET”.



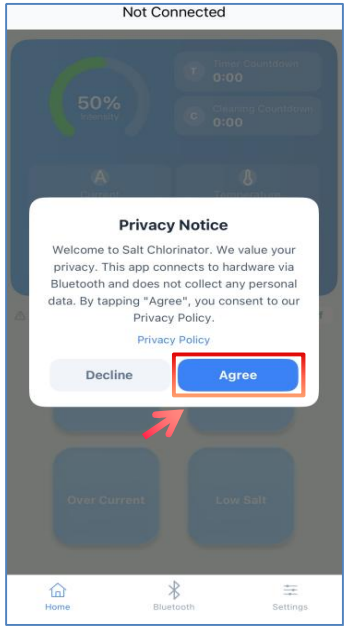
19.6 Wait for the installation to finish, then tap “Open” to launch the app.



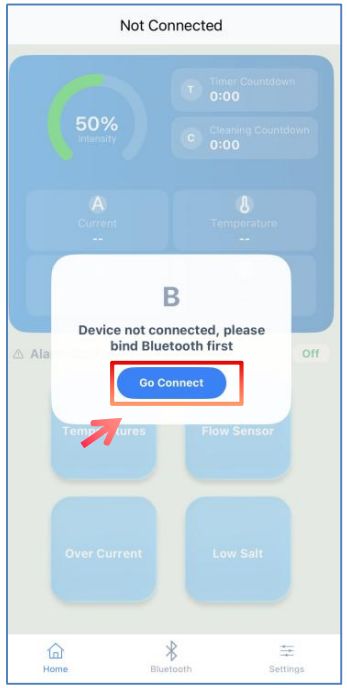
19.7 In the app’s pop-up dialog, select “WLAN & Cellular”.



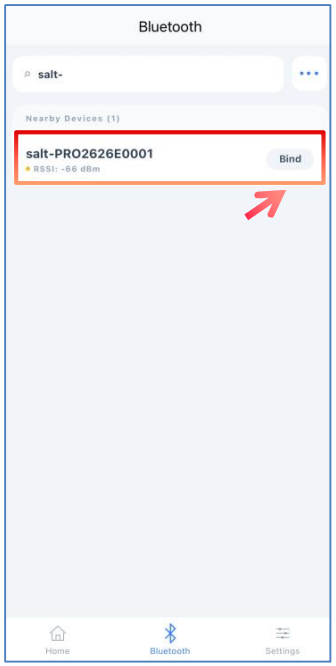
19.8 In the next dialog, select “Agree”.



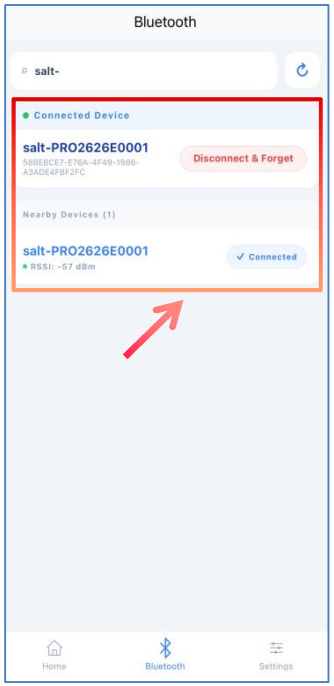
19.9 In the next dialog, tap “Go Connect”.



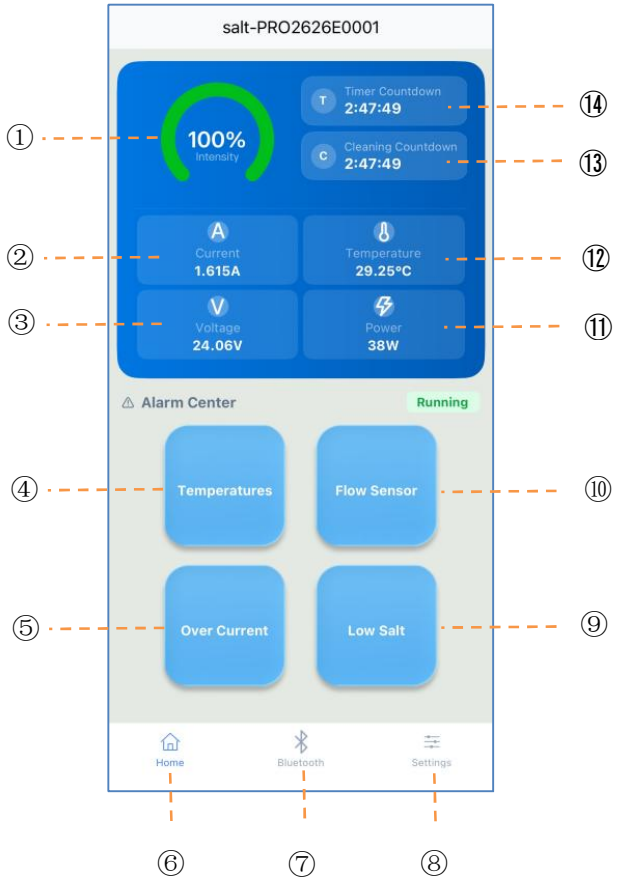
19.10 Find our Bluetooth device in the list and tap “Bind”. Our devices start with "Salt-".



19.11 When you see this screen, it means the Bluetooth connection is successful.

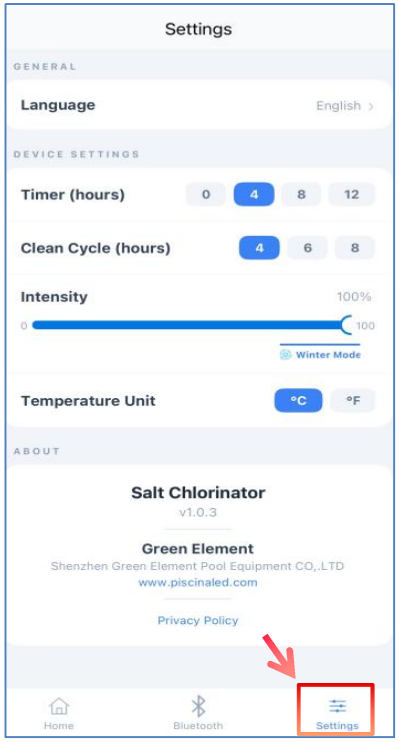


19.12 Tap the Home tab at the bottom, and you will see the main screen of the app.



①	Device operating intensity: 0%–100%，0%: off (stopped)，100%: Max.
②	Live operating current.
③	Live operating voltage.
④	Trigger an alarm when the pool water temperature goes outside 10°C–40°C.
⑤	Trigger an alarm when the live current exceeds the maximum load.
⑥	Home tab.
⑦	Bluetooth settings button.
⑧	System settings button.
⑨	Trigger an alarm when the salinity drops below 2500 ppm, and shut down when it falls below 2000 ppm.
⑩	An alarm is triggered when there is no water flow or the water flow is too low in the electrolytic cell.
⑪	Live operating power.
⑫	Live water temperature.
⑬	The device will automatically clean the electrolytic cell after the countdown ends.
⑭	The device will automatically shut down after the countdown ends.

19.13 Tap the “Settings” button to enter the settings screen.



Language	There are six languages for you to choose from: English, Spanish, French, Italian, German, and Chinese.
Timer(hours)	Auto-Shutdown Timer: [0/4/8/12] hours.
Clean Cycle(hours)	Auto-Clean Cycle: [4/6/8] hours.
Intensity	Drag the slider to any percentage to adjust the electrolytic cell power. Dragging it to 75% triggers Winter Mode.
Temperature Unit	You can switch the temperature display unit on the Home screen between Celsius and Fahrenheit.
Privacy Policy	This is a link. Open it to view the detailed Privacy Policy.

20. Daily maintenance of chlorinator

Regular maintenance and care will extend the life of the chlorinator and ensure that the swimming pool is maintained at all times.

20.1 Check regularly

Check the chlorinator system regularly for any signs of wear,leakage,or damage.Observe plates and connections for scaling or buildup.

20.2 Cleaning the cell

Scale buildup on the cell can reduce the production of chlorine,please clean the cell regularly. This usually involves using a diluted acid solution (hydrochloric acid or specific cell cleaning solution) to remove scale deposits.

20.3 Check the salt content

Keep the salt content within the recommended range for your specific chlorinator system. Test the salt content regularly using a saline test kit and add salt as needed.

20.4 Maintain water chemistry

Ensure proper water chemical balance,including pH,alkalinity and stabilizer(cyanuric acid) levels. Balanced water chemistry increases the efficiency of the chlorine generator.

20.5 Monitoring output

Pay attention to the chlorine output,please regularly use a professional residual chlorine test tool to test the residual chlorine in the pool,if there is not enough chlorine in the pool, although the salt level is appropriate and the equipment is operating properly,there may be problems with the chlorinator or plate that need to be resolved.

20.6 Winter maintenance

If you live in an area with cold winters,give the chlorinator proper winter treatment to prevent freezing temperature damage.Follow the instructions in "Winter Maintenance" for winter maintenance.

20.7 Professional maintenance

Consider annual maintenance or repair by a pool professional to ensure the chlorinator functions optimously. They can effectively check,clean up and troubleshoot any problems.

21. Winter maintenance

In winter,especially in cold climates,maintaining your devices is essential to prevent damage and make sure it works properly when season returns.

21.1 System cold protection

Properly winterize the chlorinator system before the temperature drops below freezing.Drain equipment and pipes to prevent freezing and potential damage.

21.2 Disconnect and save

Disconnect the chlorinator from the system if possible.Store it indoors in a dry and protected place.This prevents exposure to freezing temperatures and potential damage.

21.3 Check regularly

Check the chlorinator system regularly throughout the winter,especially during heavy snow or extreme weather.Make sure it stays dry and intact.

21.4 Avoid chemicals

In winter,do not add chemicals or salt to the pool,as the chlorinator may be inactive.This prevents any unnecessary build-up or damage to the system.

21.5 Professional Services

Consider scheduling a professional inspection or service before winter sets in.They can properly winterize the system and make sure it is in good condition during the off-season.

21.6 Keep records

Keep records of any winterization measures taken during the winter and any problems noticed for future reference.

21.7 Spring starting plan

When winter is over and you are ready to reopen the pool,it is recommended to restart and re-adjust the chlorinator settings as instructed in the section "Operation Guide".

22. Electrolytic cell cleaning guide

Regular cleaning of the electrolytic cell helps maintain optimal working efficiency. Below are our recommendations:

22.1 Disassembly of Mini Series Devices

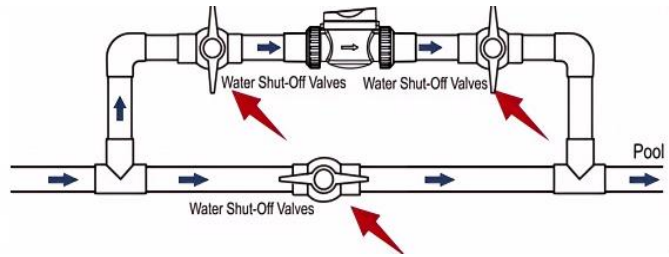
①Turn off the power

Before cleaning the cell,turn off the power of the chlorinator.

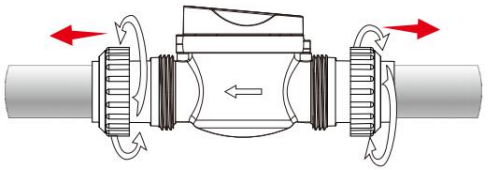
② Disassemble chlorinator

a.Power off the chlorinator and remove the power cable.

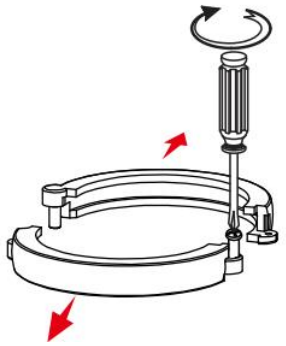
b.Cutting off the water supply through the chlorinator. If you use the bypass installation method recommended in the manual,firstly,opening the "Water Shut-Off Valves"on the main route and closing the "Water Shut-Off Valves" at both ends of the chlorinator.If you don't use bypass installation,you need to turn off the circulating pump.



c.Unscrewing the nuts at both ends of the chlorinator, taking out the chlorinator and ensuring that all the water flows out.



d. Loosen the screw on one side of the chlorinator panel and take out the "fixing buckle".



e.Finally take out the electrolytic cell.



22.2 Disassembly of Pro Series Devices

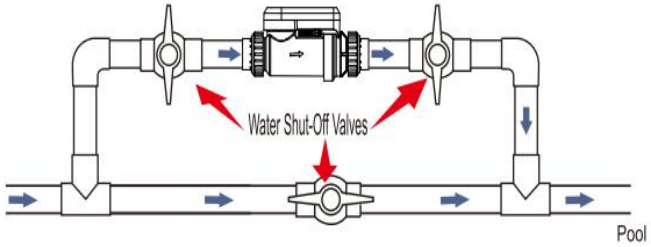
①Turn off the power

Before cleaning the cell,turn off the power of the chlorinator.

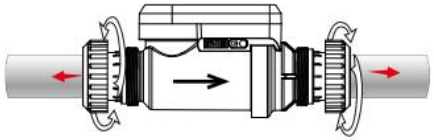
② Disassemble chlorinator

a.Power off the chlorinator and remove the power cable.

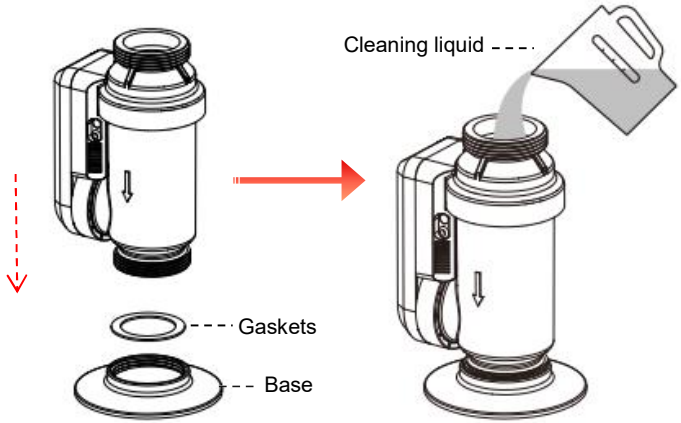
b.Cutting off the water supply through the chlorinator. If you use the bypass installation method recommended in the manual,firstly,opening the "Water Shut-Off Valves"on the main route and closing the "Water Shut-Off Valves" at both ends of the chlorinator.If you don't use bypass installation,you need to turn off the circulating pump.



c.Unscrewing the nuts at both ends of the chlorinator, taking out the chlorinator and ensuring that all the water flows out.



d.Installation of the base.



Note: Please check whether the rubber gasket is installed,otherwise it will lead to liquid leakage.

22.3 Check the accumulation

Check whether there is any water scale,mineral deposits or debris buildup on the cell. The buildup of scale will hinder the production of chlorine and reduce the efficiency of the cell.

22.4 Prepare a cleaning solution

Usually,a diluted hydrochloric acid solution (usually a mixture of water and acid in a specific ratio)is used for cleaning,with hydrochloric acid and water diluted in a ratio of 1:10 or 1:5.

We also recommend adding "Acid Magic" to your solution,which can reduce corrosion,reduce the risk of skin irritation or burns,reduce smoke by 90%,and maintain or improve cleaning results.There is no need to dilute Acid Magic,just add the right amount according to the instructions on the label on the bottle.

Before preparing your cleaning solution,read the product label,manufacturer's instructions,and safety data sheet on the bottle for specific instructions on how to use "Acid Magic"and"Muriatic Acid" together to ensure safety and effectiveness.

22.5 Soaking the cell

Soak the electrode cell in the cleaning solution for between 5 and 15 minutes,but avoid excessive soaking,so as not to affect the material and performance of the electrode cell.This allows the acid solution to dissolve and remove the scale.

22.6 Thorough washing

After soaking or scrubbing,rinse the cell thoroughly with clean water to remove any remaining cleaning solution or debris.

22.7 Installation again

Reinstalling the chlorinator to ensure that there is no water leakage in the connection.

22.8 Restart the system

Turn the power back on and restart the chlorinator system.Monitor the system to ensure it is functioning properly and producing chlorine efficiently.

22.9 Regular maintenance

Regular maintenance and cleaning,which helps prevent excessive scale buildup and maintains the efficiency of the chlorinator.

Follow safety precautions,such as wearing protective gear when handling chemicals,to ensure safe and effective cleaning.