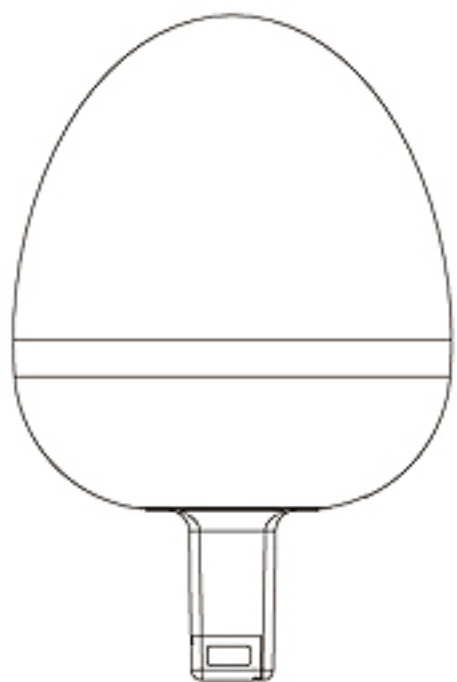




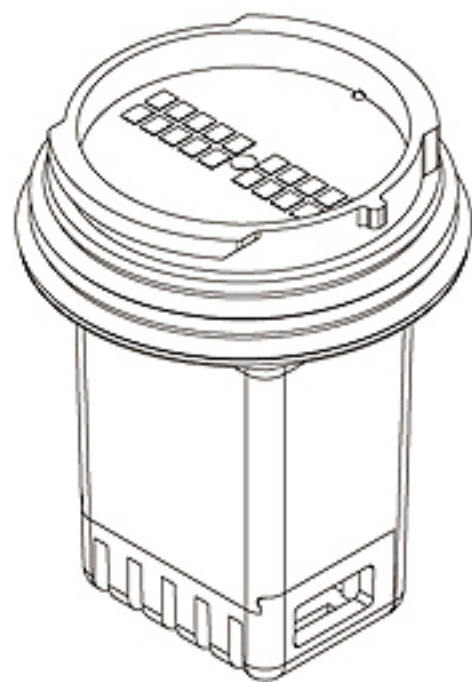
Water Test Automated Quick Start Guide



What's Included



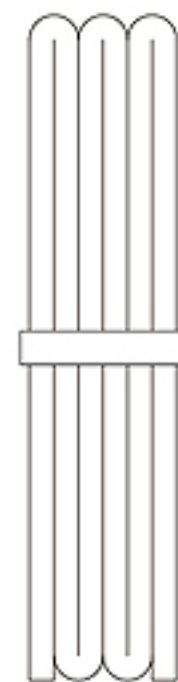
Aquabot Device



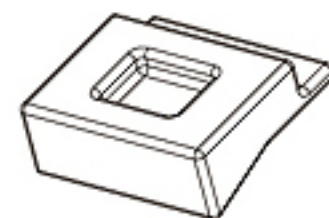
Sensor



Charging Cable



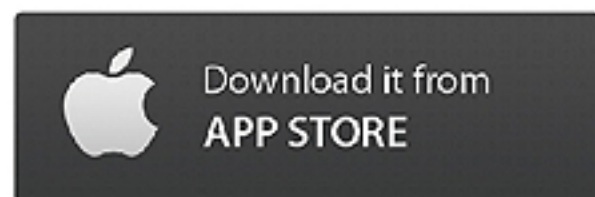
Tether



Waterproof plugs

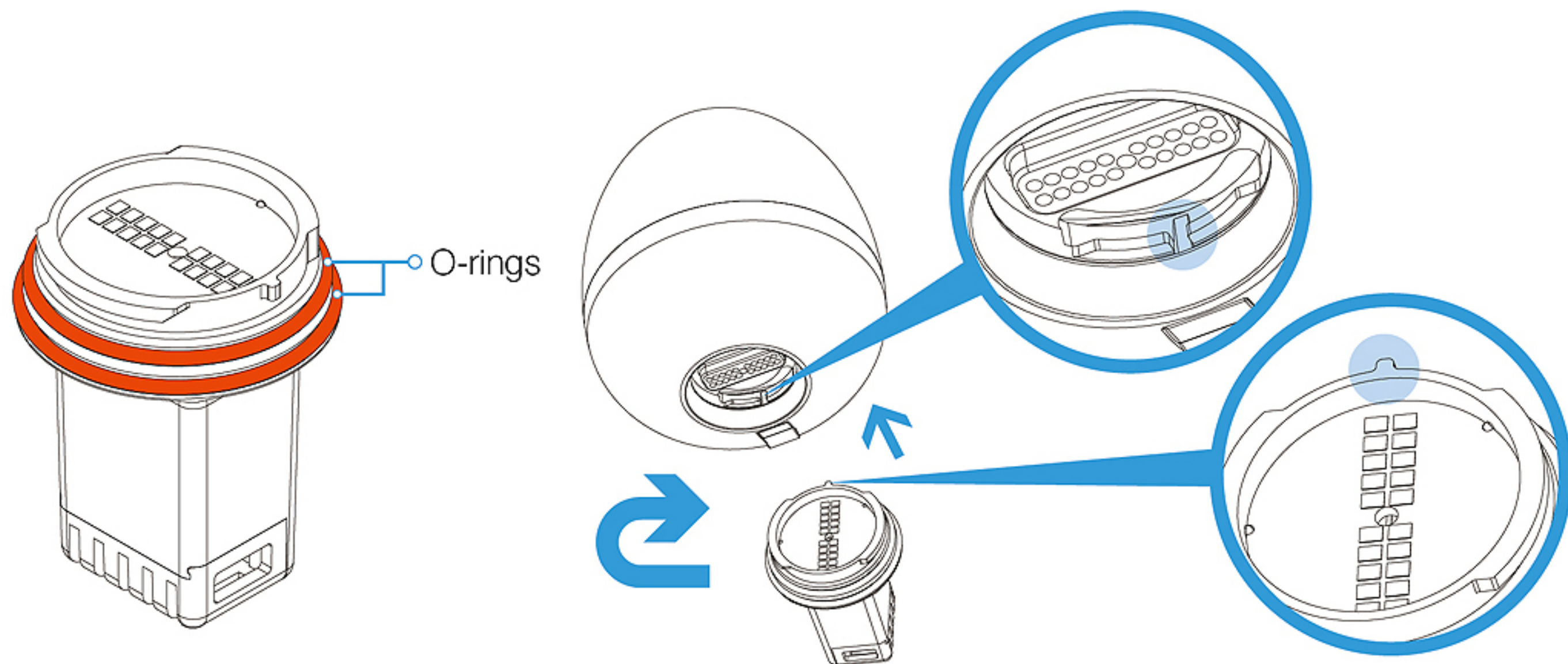
1. Get the App

Download the AqualOT app for your smart phone by scanning this QR code or search AqualOT in the app store.



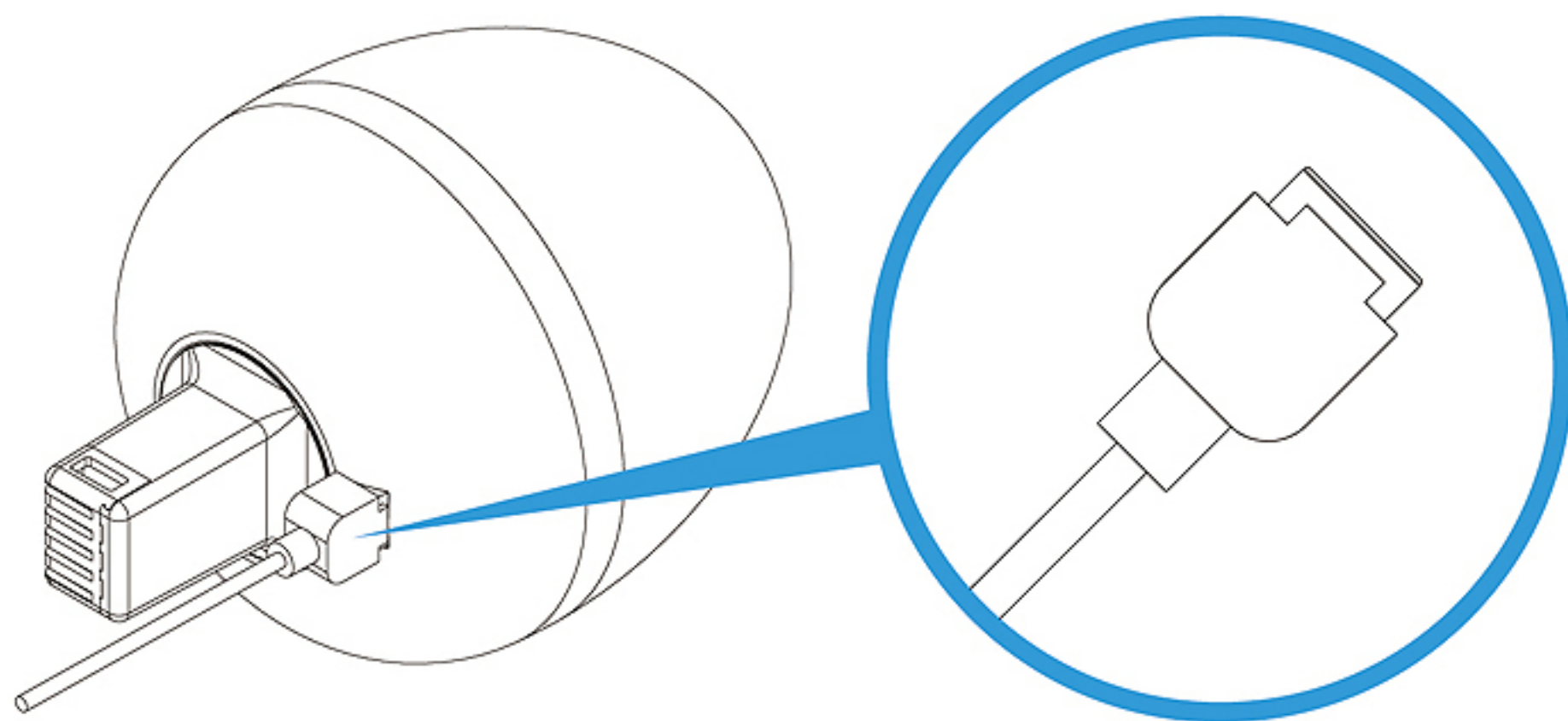
2. Install Sensor

- a. Get the sensor from the box and confirm two black o-rings on the circular tracks for water proof sealing.
- b. Align the top of the sensor module with Aquabot plug-in hole. Pay attention to align the small protrusion on the sensor to the alignment nut on the Aquabot device. Then press in and hold the sensor module, and rotate it clockwise for 90 degree until no further rotation can be made. Aquabot will flash red, green, blue colors alternately to indicate successful installation.



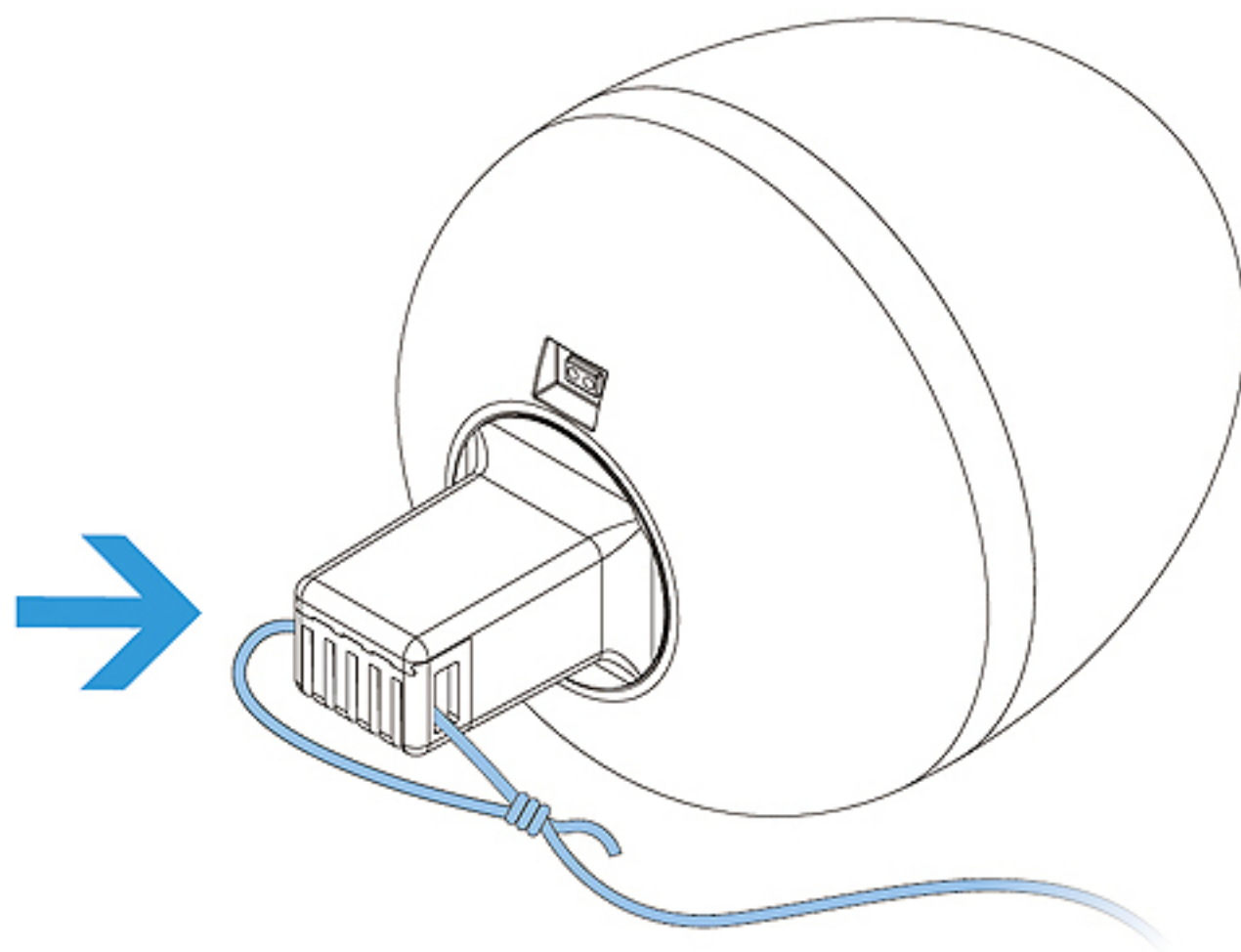
3. Charge your Aquabot

Use the charging cable to connect Aquabot device and USB power port. Pay attention to the protruding side of the charging cable interface. During charging, the Aquabot flashes red light. The blue light flashes when charging is completed.



4. Attach the tether wire (optional)

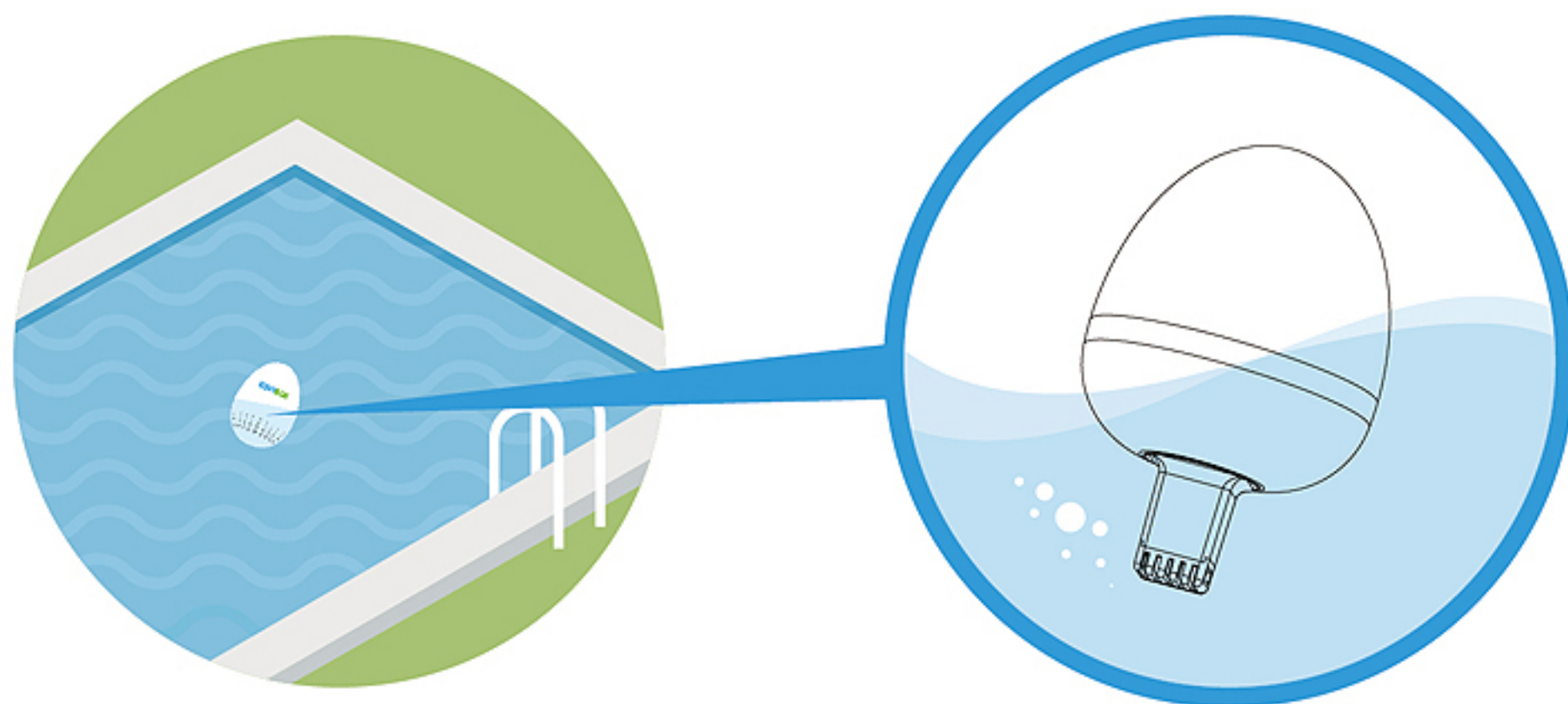
- a. Insert the tether wire through the hole of sensor and make a knot.
- b. Tie the other end of the tether to some objects on the shore, preventing Aquabot drifting away. Use tether wire to fetch Aquabot when needed.



5. Release Aquabot to Water

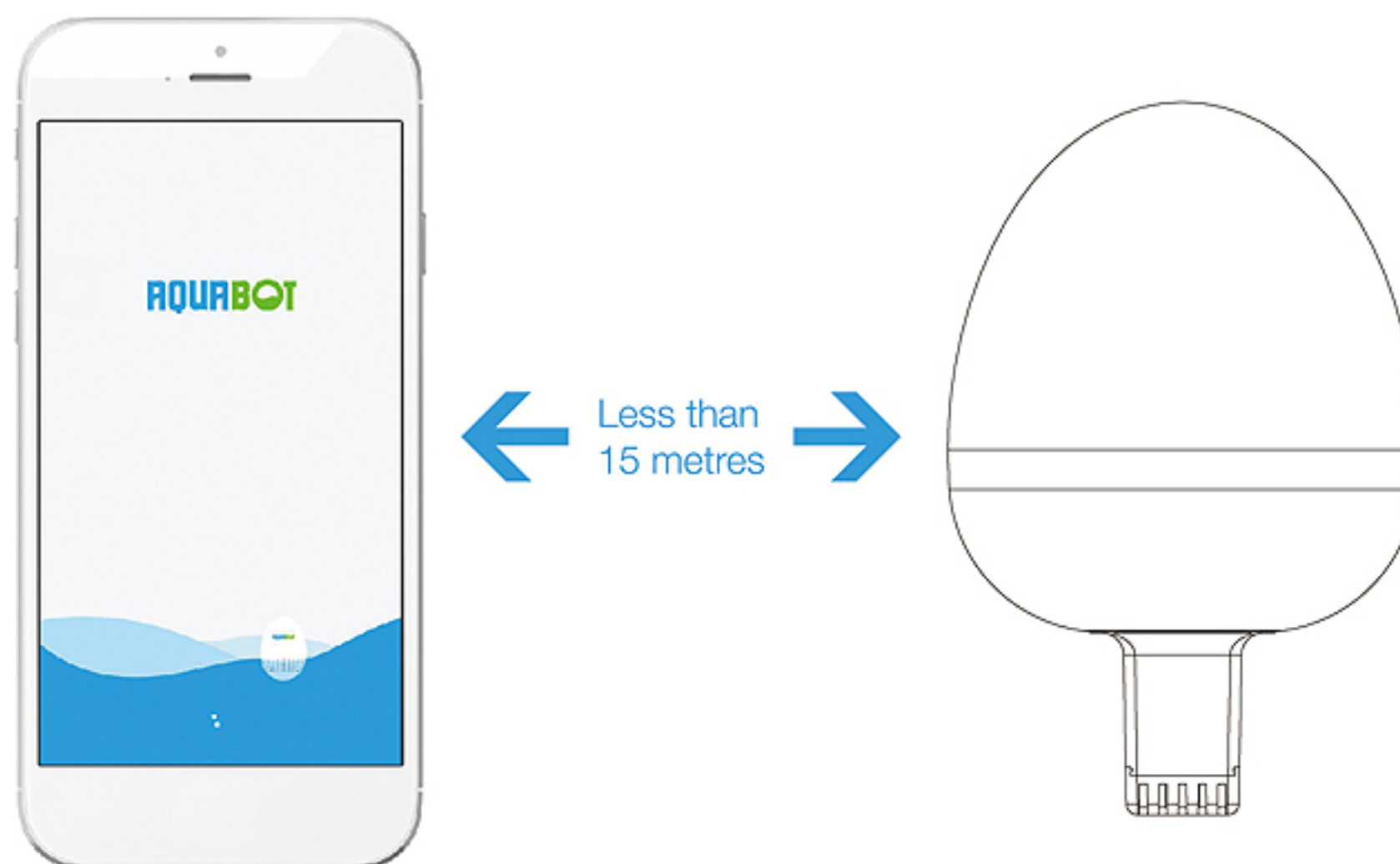
Tilt the Aquabot for 45-degree with the gas outlet of the sensor facing up (as shown below), and slowly place it into water or pool, to avoid trapping air bubbles inside the sensor. Slowly shake a few times in water to release air bubble if necessary.

Note: Do NOT put unassembled Aquabot device without sensor directly into the water. It will cause damage to the circuit board.



6. Connect Aquabot

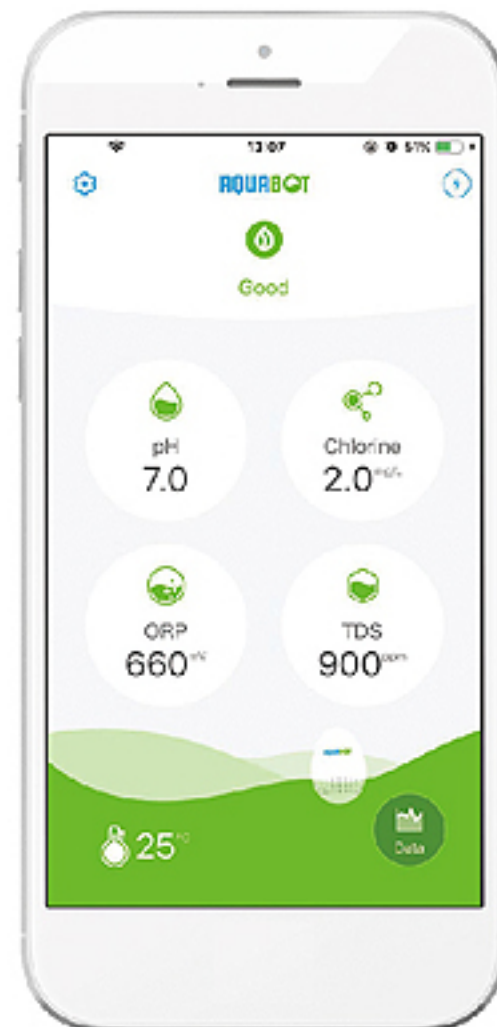
Make sure your phone is within a range of 15 meter to the Aquabot and Bluetooth is ON. Start the Aquabot APP on your phone. It will automatically search and connect Aquabot device. The message of “Connection Successful” will show on the screen if Aquabot connection is successful. Wait two minutes until test data acquisition is complete. Then water quality data will be displayed on the main screen. If the connection fails, try to reconnect it by scrolling the screen down.



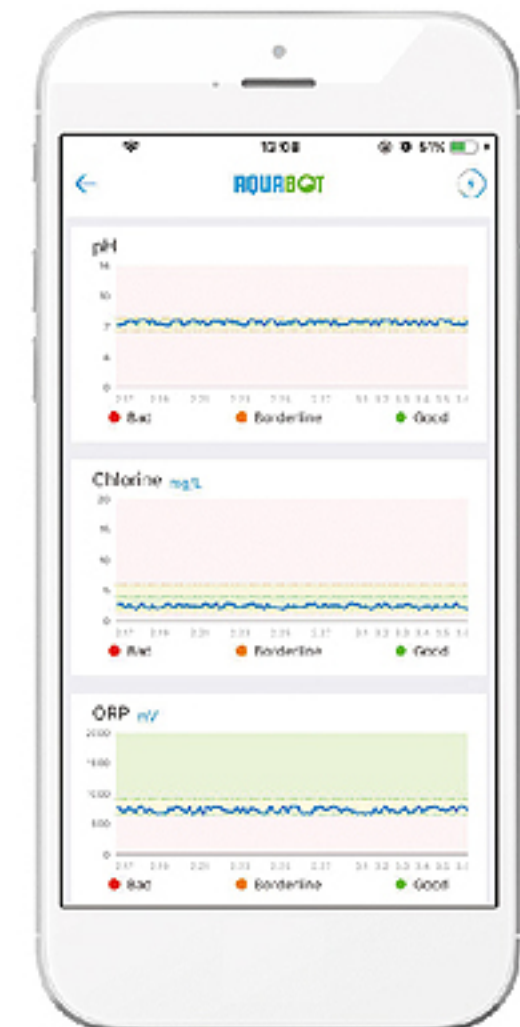
You're Done!

Congratulations! Your Aquabot is set up and ready to go. You can use APP to know water quality as follows:
To get support, visit aqua-bot.com.

Scroll the screen down to obtain the current water parameters. Wait two minutes for the data update on the screen. With valid Bluetooth connection, APP updates data once every six hours by default.



To query the historical data, scroll the screen left or click Data icon at the bottom right corner of the screen.



You Can Set Light Modes!

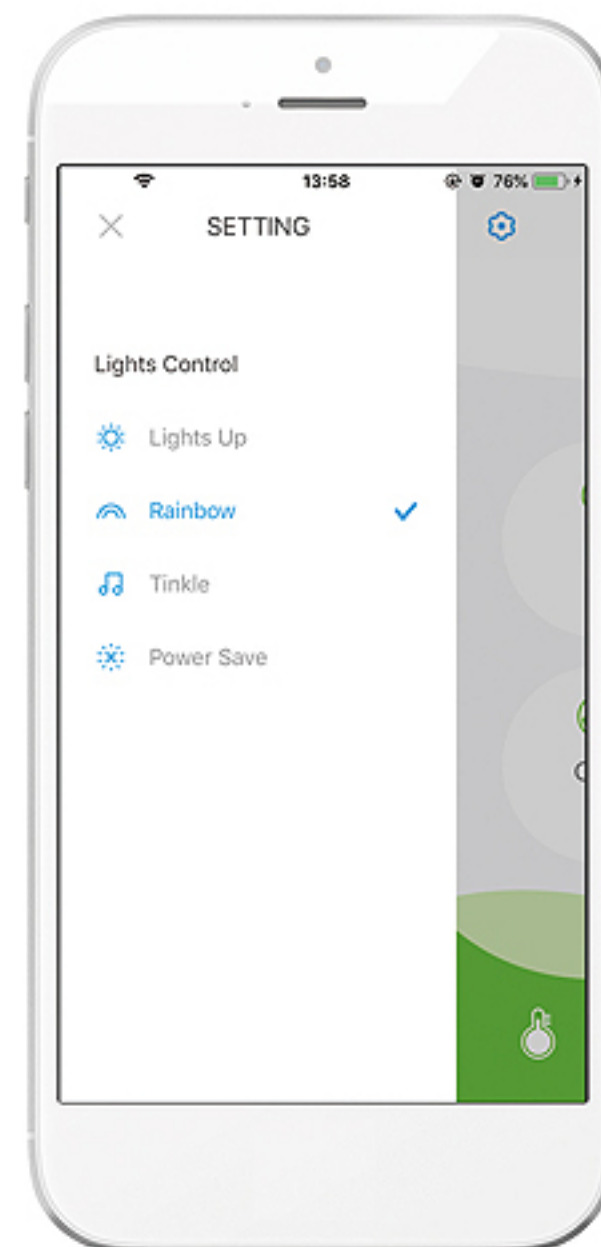
You can set the light mode in the menu by scrolling the screen right.

Mode 1 - Lights UP: LED is always on and changes color according to water quality. Red and green indicates poor and good water quality respectively. This mode uses power quickly and fully charged device lasts for about 1.5 days in this mode. If aquabot is removed from the water, it will flash blue light.

Mode 2 – Tinkle: LED flashes periodically to indicate water quality. Fully charged device lasts for about 3 days.

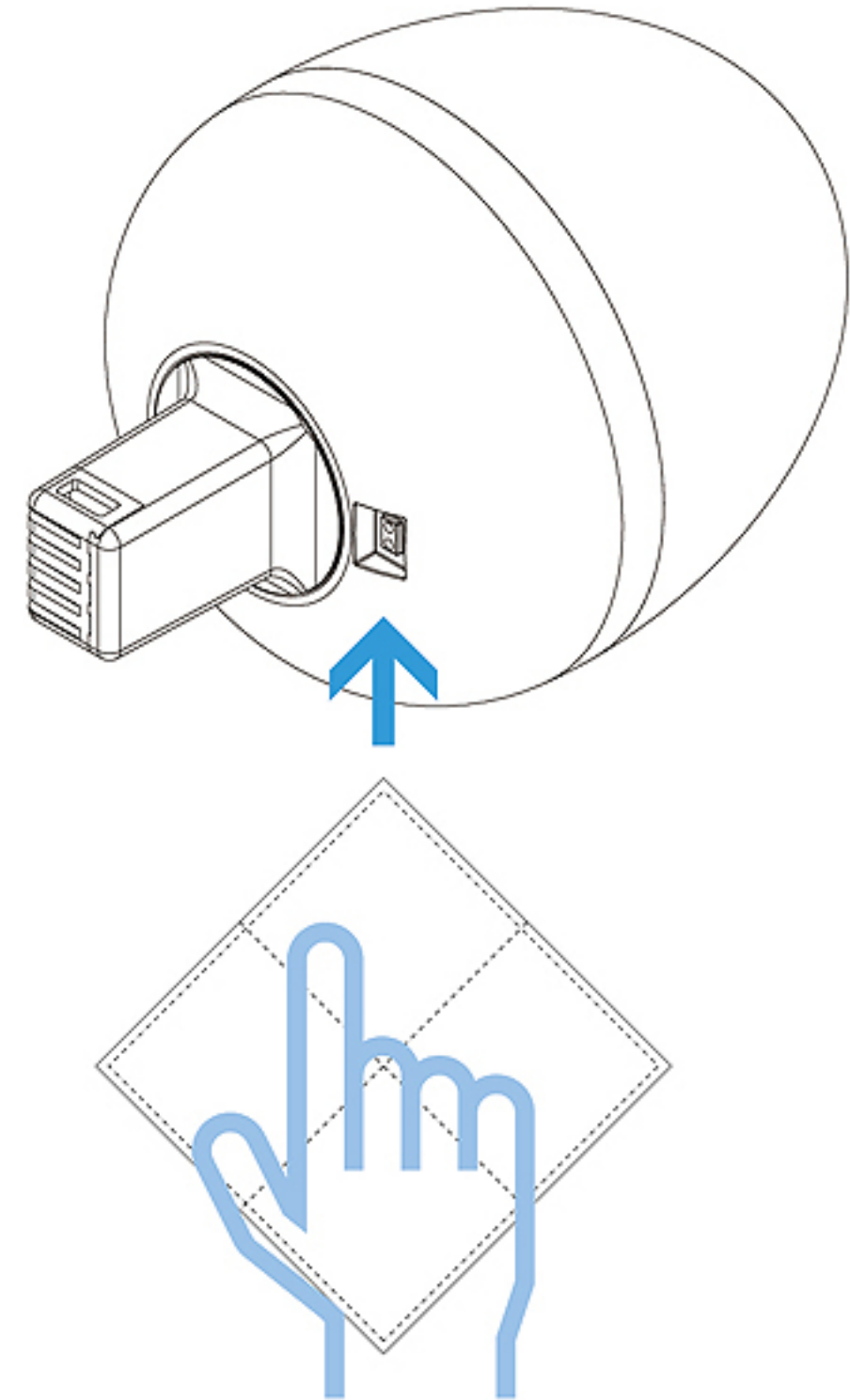
Mode 3 - Rainbow: LED flashes with rainbow color. This mode is good for party, but burns power quickly. Fully charged device lasts for about 12 hours.

Mode 4 – Power Saving: LED turns off to save power. Device goes to sleep while not sensing. Fully charged device can last for about 15 days



Quick Tips:

1. Aquabot device uses Bluetooth Low Energy (BLE) 4.2 communication technology with maximum range of 100 meter. However, due to the interference from other electric waves and obstacles, communication with the smartphone may be unstable or cut off. It is recommended to stay within 15 meters to the Aquabot device for reliable connection.
2. When your phone is disconnected with Aquabot, it still tests water and record data every 6 hours. Once the connection is restored, Aquabot will send data to the phone for you to review at the Data page.
3. To replace the sensor module, unscrew the old sensor module counterclockwise for 90 degree and replace it with a new sensor module as shown in the step 3.2. The sensor module need to be replaced about every six months and can be purchased at www.Aqua-bot.com
4. When the Aquabot 's lights are no longer flashing or power bar on the APP screen is low, you need to recharge the Aquabot device. Fetch the Aquabot from the water, and use paper towel to wipe the surface and let it dry.



Water Quality Guide

For water quality of swimming pool



Illustration of light colour	pH (Acidity and alkalinity)	ORP (Oxidation-Reduction Potential)	Residue Chlorine	Temperature (°C)
Green indicates good water quality respectively.	7.4—7.6	≥720mV	1000 - 2000ppm	23-28
Red indicates poor water quality respectively.	Beyond normal range	Beyond normal range	Beyond normal range	—

Product Specification

Product Specification	
Wireless communication	Bluetooth4.0 (Bluetooth Low Energy)
Wireless range	15 meters (outdoor)
Dimensions(HxD)	100*84 mm
test environment	Swimming pool ,water supply
Save environment	Sunshade, room temperature, keep ventilation, dry.

Characteristics	range	Precision
Residual chlorine (clo-)	0-10ppm	10%
pH	6-10	0.1
TDS	0-3000ppm	5%
ORP	300-900mV	10mV
T (°C)	6-50	1

Important Safety and Compliance Information

To reduce the risk of injury and damage, keep these safety precautions in mind when setting up, using and maintaining Aquabot.

- Read all operating and safety instructions before operating Aquabot.
- Retain this user's manual for future reference.
- Do NOT use this device to test hot water. The optional temperature range is 10~50 deg. C.
- Do NOT drop this product from a high place. If the product is found cracked, it cannot be placed in water.
- Although Aquabot is fun device, it is a tool, not a toy, do NOT throw the product into water.
- Do NOT place Aquabot into water without sensor.
- Wipe the charging port on the Aquabot to dry before charging.
- To ensure the test accuracy, the sensor needs to be replaced every six months.
- Do NOT step on, drop, or knock on this product.
- Do NOT disassemble or modify this product to avoid fire.
- Do NOT perform operations not described in this manual.

This product is an engineering design of radio station equipment with small radio wave data communication system. Aquabot operates in the 2.4GHz band. It may affect other devices using the same frequency for communication. Before using this product, please confirm whether you have used other radio stations nearby. In the event of radio interference between this product and "other radio stations", please change the place of use or stop using other devices.

Under normal use according to the user's manual, if there is a failure during the warranty period, please mail the product back to the company address, and the company will process the return.

We do not provide sensor modules for free that need to be replaced due to normal aging. Please purchase them at dealer's website or company's website.

FCC WARNING

This 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator your body: Use only the supplied antenna.