

Beatbot AquaSense X

User Manual



Beatbot

01/ IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

When installing and using this electrical equipment, always follow basic safety precautions, including the ones listed below:

WARNING: Carefully read all safety warnings and instructions. Failure to follow these warnings and instructions may result in electric shock, fire, and/or serious injury.

1.1 Safety Regulations

READ AND FOLLOW ALL INSTRUCTIONS.

- This product can be used by children aged 8 years and older and by individuals with physical, sensory, intellectual disabilities, or limited experience or knowledge, only under the supervision of a parent or guardian to ensure safe operation and minimize risks. Children should not perform cleaning or maintenance tasks without supervision.
- Children should not play with this product. Ensure children and pets are kept at a safe distance from the robot while it is operating.
- In order to prevent turning the robot on unintentionally, ensure the robot is turned off before picking up or carrying it. Carrying the robot with your finger on the power button invites accidents.
- Under abusive conditions, battery fluid may be expelled. Avoid contact. If contact occurs, rinse with water. If the fluid come in contacts with the eyes, immediately seek medical attention. Battery fluid may cause irritation or burns.
- Do not use a battery or appliance that is damaged or altered. Damaged or altered batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not use any third-party battery or charger. For use only with Beabot self-cleaning station ARASA011. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- To reduce the risk of electric shock, do not use an extension cord; instead, connect the unit directly to a properly located outlet and replace any damaged power cord immediately.
- Ensure the robot is powered off and the charger is unplugged before cleaning or performing maintenance.
- Do not place the self-cleaning station near heat sources. Follow all charging instructions and do not charge the appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Do not expose a battery pack or appliance to fire or excessive heat. Exposure to fire or temperatures above 130°C / 265°F may cause an explosion.

- Do not expose a battery pack or appliance to fire or excessive heat. Exposure to fire or temperatures above 130°C / 265°F may cause an explosion.
- This product contains batteries that can only be replaced by qualified technicians. Do not modify or attempt to repair the appliance or the battery except as indicated in the instructions for use and care. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the product's safety is maintained.
- Do not enter pool while the robot is operating in water.
- When the robot is underwater or other situations where it is not convenient to lift the robot directly, it needs to be pulled out using the supplied hook. Please use the hook correctly and carefully to avoid any accidental injury.
- Under normal conditions, users should keep a minimum distance of 20 cm (7.9 in) from the robot.
- The robot is equipped with a range of cutting-edge sensors that play a crucial role in its functionality and performance. To ensure the robot's performance and lifespan, avoid placing the robot under extreme environmental conditions for a prolonged period of time, such as high temperatures, intense light, or freezing conditions. It is recommended to use and store the robot within the requirements of this manual.
- Exceeding an altitude of 2100 m (6890 ft) will cause the robot to be unable to function properly. Therefore, ensure that the robot is used in areas that comply with this altitude restriction to avoid any issues arising from operating the robot at high altitudes.
- Do not store flammable materials near the station. Keep the area around the water hose clear of obstructions.
- Ensure your hands are dry before plugging in or unplugging the power cord. Do not handle the plug or socket with wet hands to prevent electric shock.
- Do not share a power outlet with high-power appliances to avoid circuit overload and fire hazard.
- It is recommended to use a socket with earth-leakage (ground-fault) protection. It will automatically cut off power when a leakage current exceeding the safe threshold is detected, thereby protecting user safety.
- Check that the socket is secure and makes proper contact. Ensure the plug is fully inserted. Avoid using multi-way adapters to reduce short-circuit risks.
- The unit must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI). This GFCI should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the power unit without the test button being pushed, a ground current may be flowing, indicating the possibility of an electric shock. Do not use the power unit. Disconnect the power unit and contact the manufacturer for assistance.
- Regularly inspect the power cord for aging, damage, or cracks. If the insulation is compromised, replace the cord immediately.

- Do not step on the station.
- While the station is operating, do not insert your hands or any body part into both the station's and robot's filter baskets to avoid injury.

SAVE THESE INSTRUCTIONS

1.2 FCC/IC Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the FCC Rules. These limits are designed to provide adequate 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, it 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 distance between the equipment and receiver.
- Connect the equipment to 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.

1.3 MPE Requirements

To satisfy FCC / IC RF exposure requirements, users should maintain a minimum distance of 20 cm (7.9 in) or more between the antenna of this device and persons during device operation. Operation closer than this distance is not recommended.

Under normal use conditions, this equipment should be kept a separation distance of at least 20 cm (7.9 in) between the antenna and the body of the user.

1.4 5G Statement

The device operating in the 5150-5250 MHz band is intended for indoor use only, to minimize the potential for harmful interference with co-channel mobile satellite systems.

For devices with detachable antennas, the maximum allowable antenna gain in the 5250-5350 MHz and 5470-5725 MHz bands must ensure that the equipment continues to comply with the e.i.r.p. (equivalent isotopically radiated power) limit.

1.5 CEC Mode

Robot: Press and hold "  " button for about 20 seconds to enable CEC mode. Press any button to disable it.

Station: Press and hold "  " button for about 30 seconds to enable CEC mode. Press any button to disable it.

1.6 Network Security and Data Privacy

Default Network Interfaces

Exposed network interfaces and services via network interfaces in factory default state:

Network Interface	Network Service	Description
WLAN interface	IoT setup service via TCP port 9998/6668	The data is transmitted for robot networking.

Recommended Security Practice

To help protect your robot from Denial-of-Service (DoS) attacks, configure the security settings on your home router. Since the robot connects through the router, it will benefit from the router's protection.

Personal Data Management

You can contact us to request the deletion of your device or associated personal data from your account through multiple channels:

- Via the App: Use the built-in support or account settings.
- Via our Official Website: Visit the support or privacy section.
- Via Email: Send your request to privacy@beatbot.com.

1.7 Sensor Description

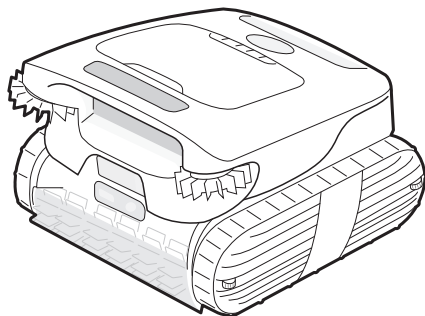
Sensor	Description
AI Vision Sensor	It is used for capturing environmental imagery and identifying object types through AI algorithm to optimize cleaning performance. Model: XBC20E70 V5, Specification: 640H*480V@10bit 180fps, Test distance: 1.5-2 m (4.9-6.6 ft)
Ultrasonic Sensor	It employs directional transmission of ultrasonic wave and echo analysis to roughly differentiate object types while measuring the distance of surrounding objects. Model: AW-UD1000DC02-2S5, Specification: Test distance: 60-2000 mm (2.4-78.7 in)
TOF Sensor	It utilizes directional emission of infrared light wave and reflection analysis to identify pool boundaries, measuring both reflection presence and intensity for mapping. Model: TF-Luna-X, Specification: Max 550 mm (21.7 ft) in water
Water Pressure Sensor	It measures the water pressure to calculate the water depth, and can also measure water temperature. Model: LIGOFA05LRYT4-02, Specification: 75-150kpa, -40~125 °C (-40~257 °F)

02/ Product Introduction

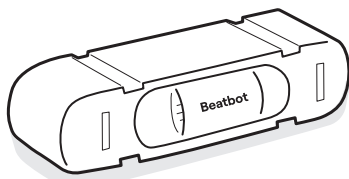
2.1 What's in the Box

Robot:

Robot



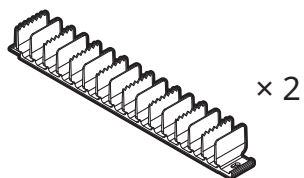
Detergent Kit



Hook

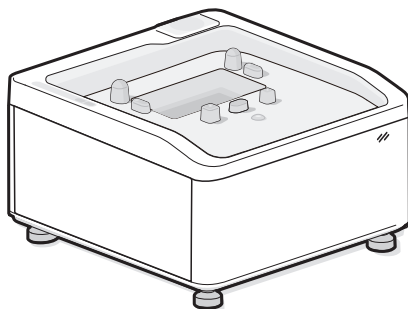


Side Brush Strips

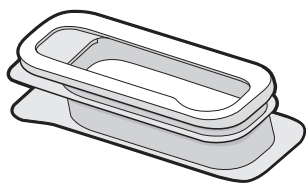


Station:

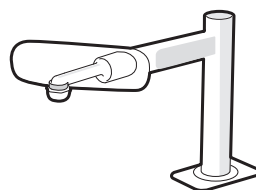
Self-Cleaning Station



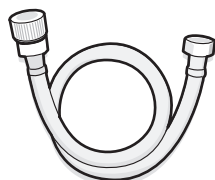
Nozzle Protector



Spray Nozzle Assembly



Water Inlet Hose



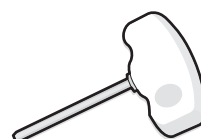
Drain Hose



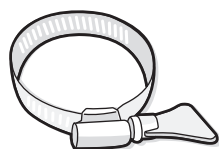
Water Tee



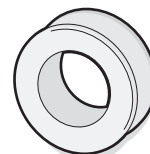
Hex Key



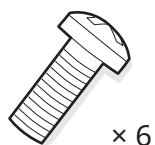
Hose Clamp



PTFE Tape



M5 Screws



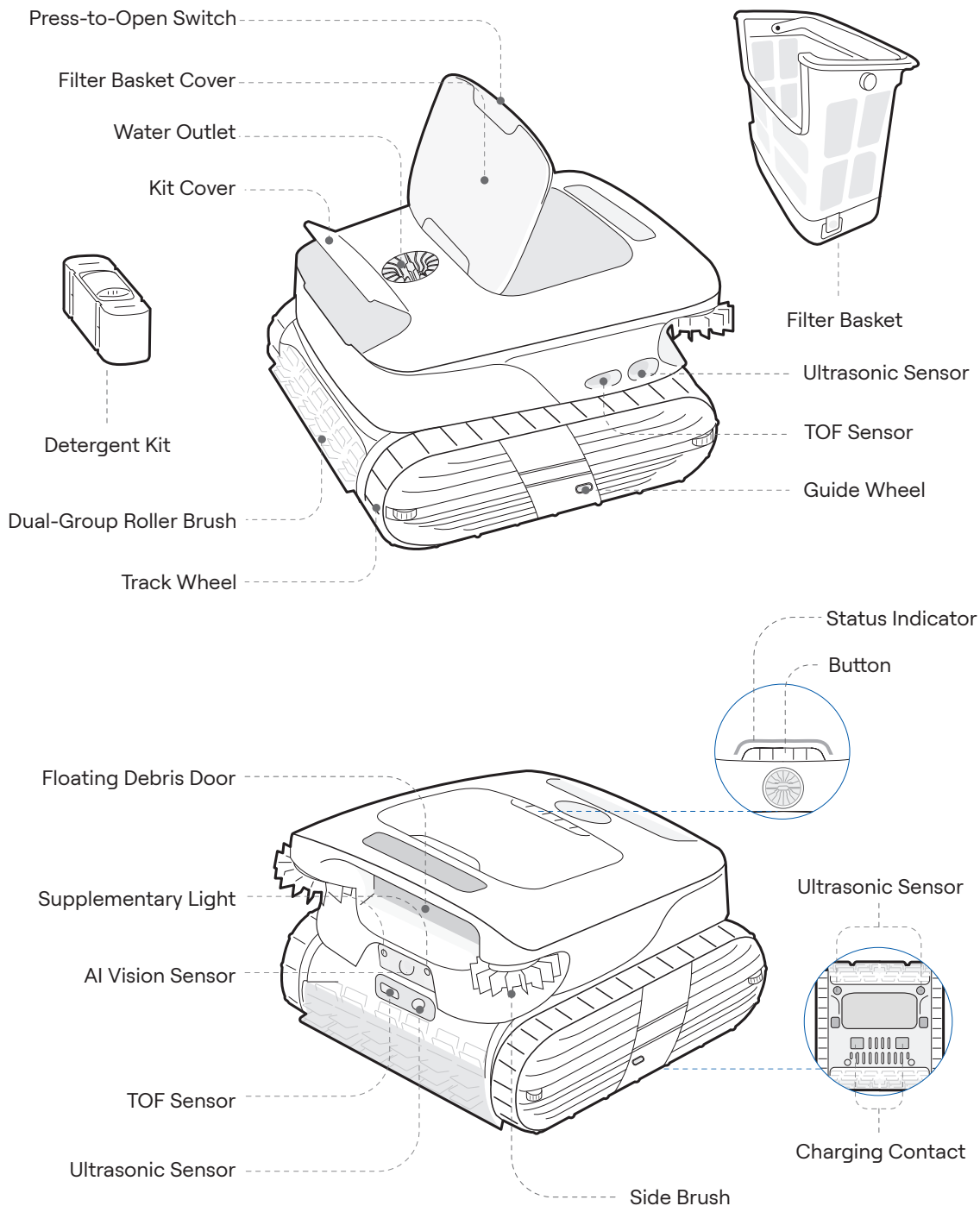
× 6

Leveling Foot Wrench



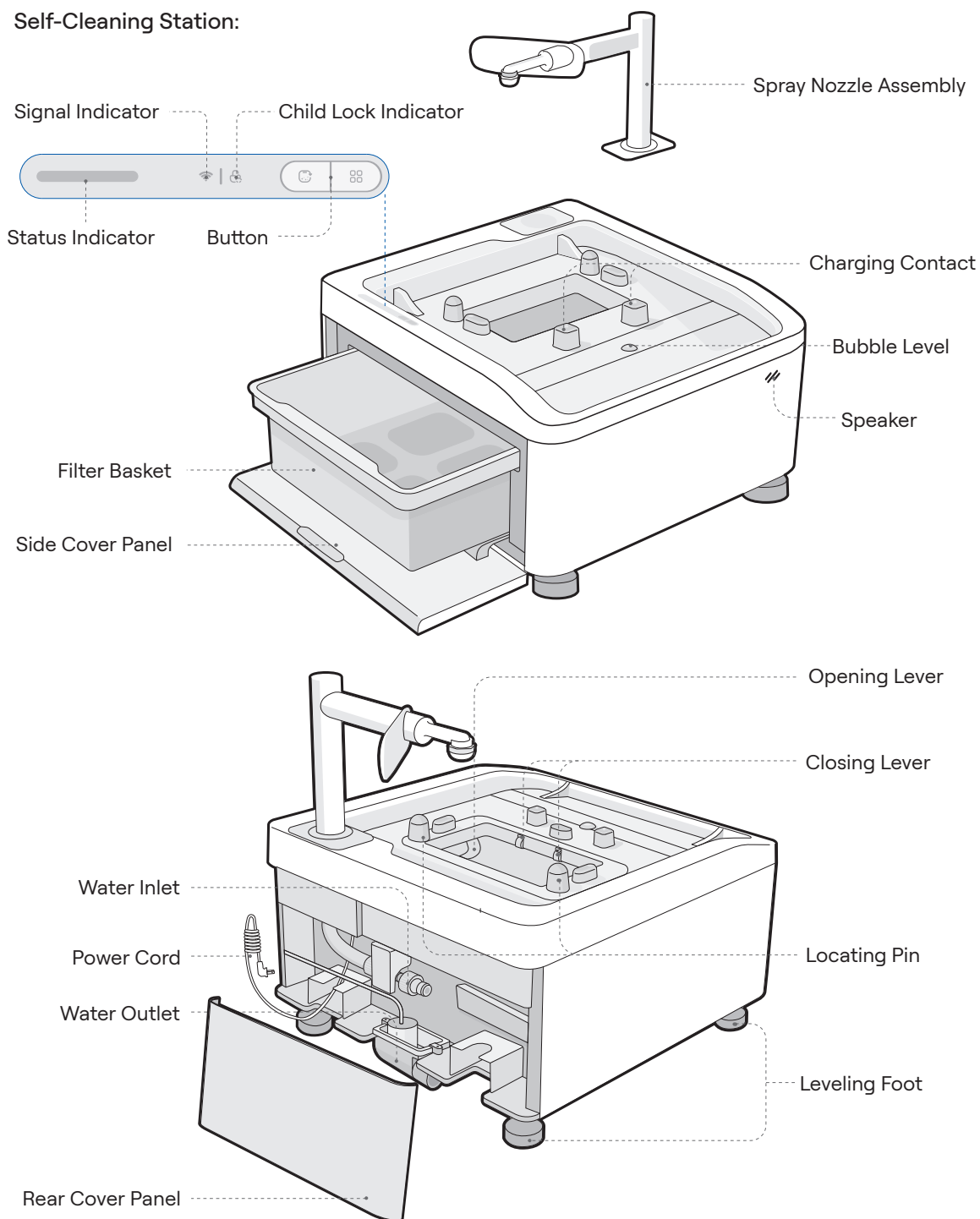
2.2 Structure Diagram

Robot:



*The diagram is for reference only. Please refer to the actual product for accuracy.

Self-Cleaning Station:



*The diagram is for reference only. Please refer to the actual product for accuracy.

03/ Specifications

3.1 Basic Information

Robot Model	RCFDS051G
Input Voltage	21.6 V
Run Time	≈ 4.5 h
Charging Time	≈ 4.5 h
Nominal Battery Capacity	13400 mAh
Filter Basket Capacity	≈ 5 L
IP Rating	IP68
Station Model	ARASA011
Input Voltage	100-240 V, 50-60 Hz, 1A
Output Voltage	28 V $\overline{=}$ 3 A
Filter Basket Capacity	≈ 22 L
IP Rating	IPX6
Charging Environment Temperature	0 °C~40 °C (32 °F~104 °F)
Storage Temperature & Humidity	-20 °C~45 °C (-4 °F~113 °F) RH<=75%

3.2 Wireless Technology Specifications

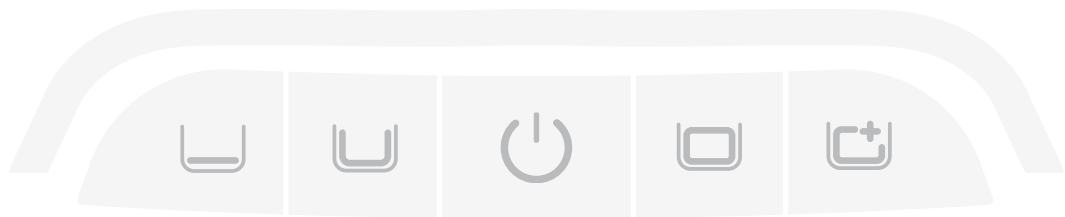
Wi-Fi	Operating Frequency	Transmitter Power (EIRP)
	2.4G: 2.400-2.4835 GHz 5G: 5.150-5.350 GHz 5.470-5.725 GHz	2.4G: ≤ 20 dBm 5G: ≤ 20 dBm ≤ 27 dBm
Bluetooth	Operating Frequency	Transmitter Power (EIRP)
	2.400-2.4835 GHz	≤ 20 dBm

3.3 Water Conditions for Robot Use

Chlorine	Maximum 4 ppm
NaCl	Maximum 5000 ppm
pH	7.0-7.8 (Recommended)
Water Temperature	6-35 °C (43-95 °F)
Water Depth	0.35-3.0 m (1.15-9.84 ft)

04/ Control & Lights

4.1 Robot Button



	Power Button	Short press to turn on; press and hold for 3 seconds to turn off.
	Floor Mode Button	Short press to select this cleaning mode; press and hold for about 3 seconds to dispense detergent.
	Standard Mode Button	Short press to select this cleaning mode; press and hold for about 3 seconds to enter/exit pairing mode.
	Pro Mode Button	Short press to select this cleaning mode.
	Custom Mode Button	Short press to select this cleaning mode.
Enable Robot Hotspot		Press and hold "  " and "  " buttons simultaneously for about 3 seconds.
Factory Reset		Press and hold "  ", "  " and "  " buttons simultaneously for about 10 seconds.

4.2 Station Button



	Self-Clean Button	Short press to start/end self-cleaning.
		Press and hold for about 3 seconds to enter/exit pairing mode.
	Function Button	Press and hold for about 3 seconds to temporarily disable child lock.
		Press and hold for about 10 seconds to enable draining.
Enable Robot Hotspot		Press and hold both buttons simultaneously for about 3 seconds.
Factory Reset		Press and hold both buttons simultaneously for about 10 seconds.

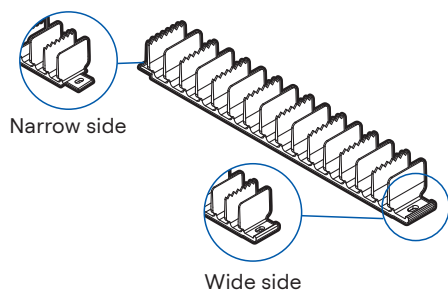
4.3 Status Indicator

Operation	Robot Status Indicator	Station Status Indicator
Charging *The color displayed corresponds to the current battery level.	Breathing Light Green: Battery Level High Yellow: Battery Level Low Orange: Battery Level Very Low	Breathing Light
Pairing	Flashing White	Flashing White
Connecting to Wi-Fi / OTA Updating	Flashing Blue	Flashing Blue
Dispensing Detergent	Solid Purple	/
Self-Cleaning	Breathing Sky Blue	Breathing Sky Blue
Error / Factory Resetting	Flashing Orange	Flashing Orange

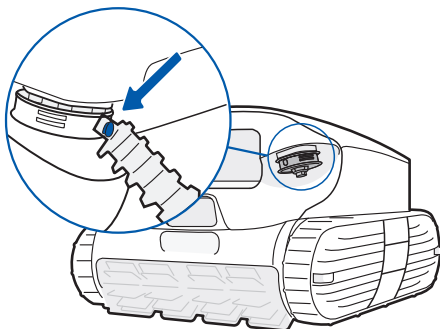
05/ Robot Installation

5.1 Install Side Brush

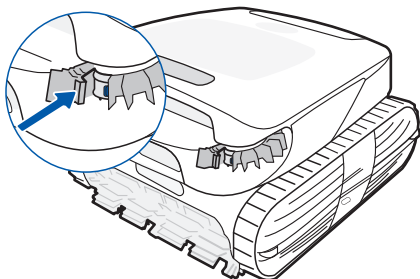
1. Take out the two side brush strips from the package.



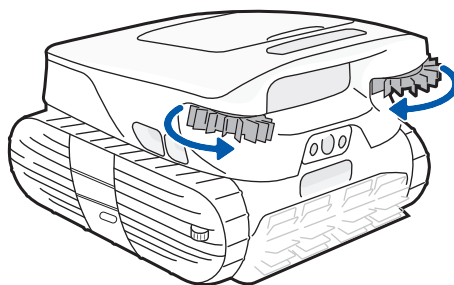
2. Hook the narrow side of the strip onto the retaining peg of the brush support.



3. Rotate the brush support, and clip the opposite end onto the same peg.

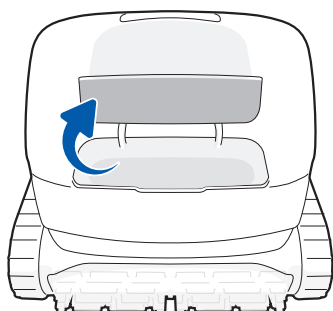


4. Ensure both side brushes are firmly installed and rotate freely.

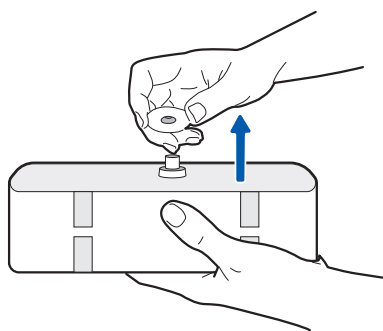


5.2 Install Detergent Kit (Optional)

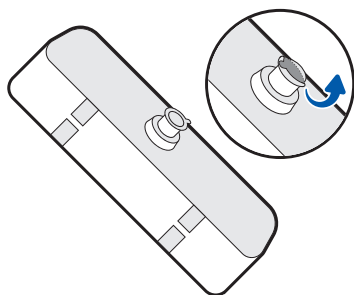
1. Open the kit cover of the robot.



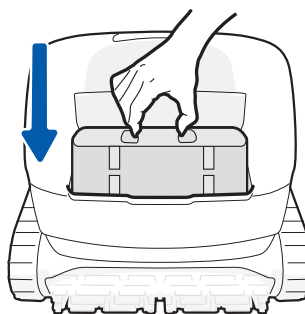
2. Take out the kit and remove the cap.



3. Tear off the aluminum film on the interface of the kit.



4. Position the kit onto the robot with the interface facing downwards. Gently but firmly press it into place until you hear a "click". Then, close the cover.

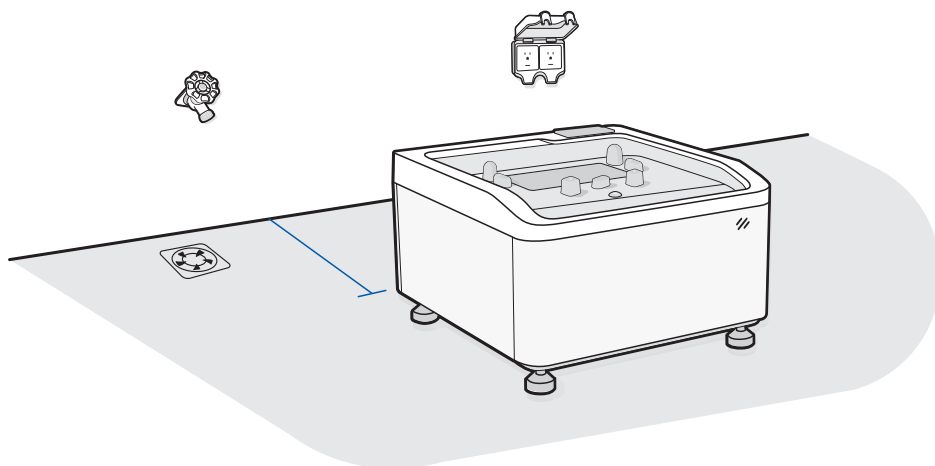


06/ Self-Cleaning Station Installation

6.1 Choose a Suitable Location

Place the station on flat, stable ground in a well-ventilated area, close to a power outlet and water source. The location should also have a strong and stable Wi-Fi signal. Avoid direct sunlight, high temperatures, and high humidity.

Ensure that there is sufficient space behind the station to allow for the connection of the inlet and outlet hoses.

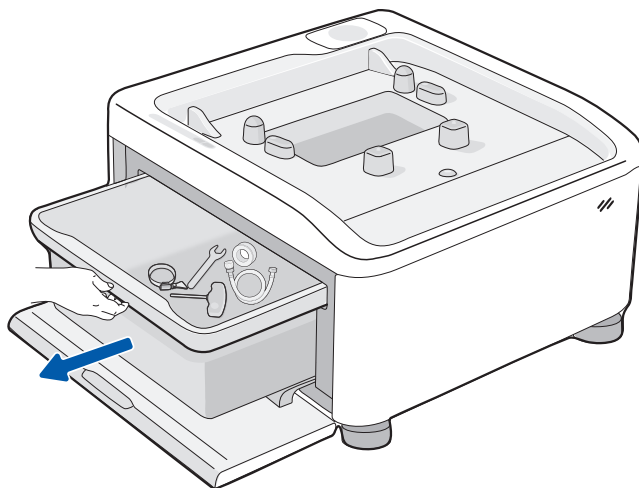


Tips:

1. Move the station to the desired installation spot before unboxing.
2. Clear and tidy up the installation area and its surroundings.

6.2 Prepare the Tools

Gently press the side cover panel to open it. Pull out the station's filter basket, and you will find the accessories inside.



Tip:

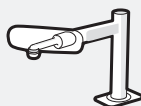
After removing all accessories, please reinstall the filter basket back into the station and close the side cover panel.

6.3 Connect the Spray Nozzle Assembly

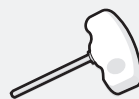
Required Parts :



Nozzle Protector



Spray Nozzle Assembly

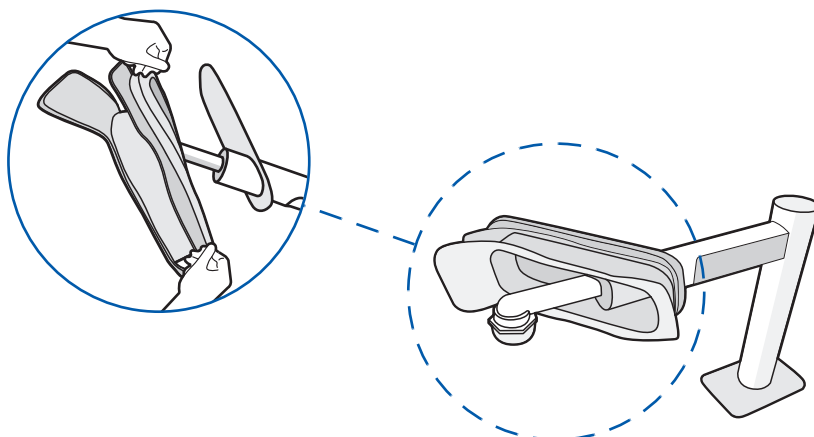


Hex Key

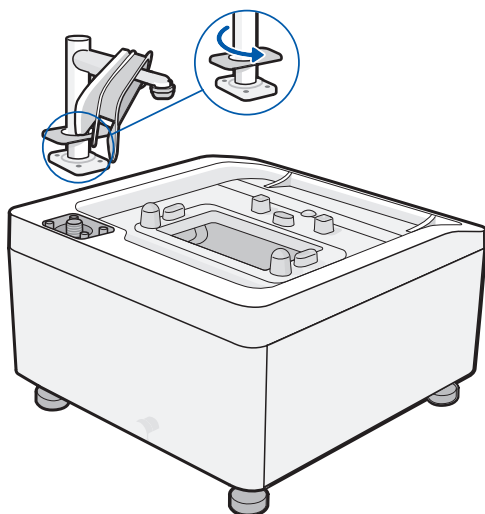


M5 Screws

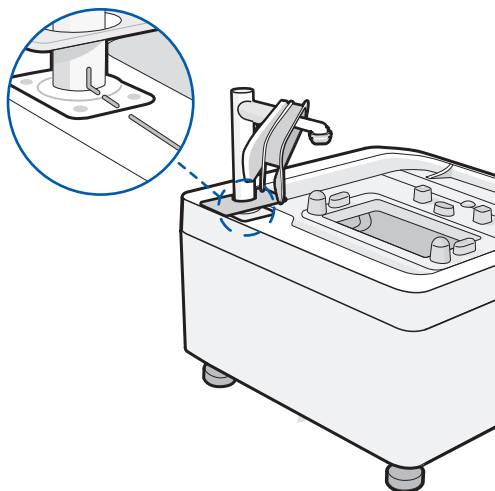
1. Attach the nozzle protector.



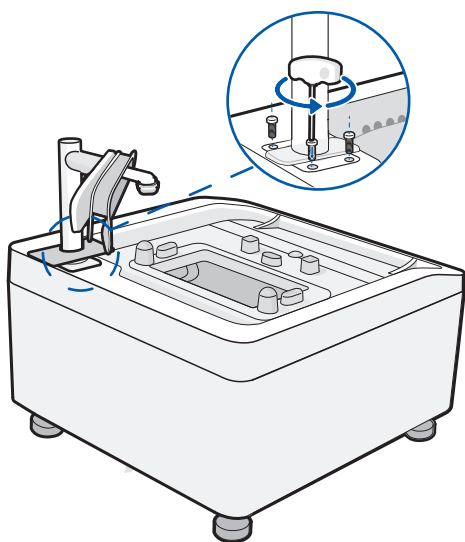
2. Rotate the screw cover plate 90 degrees to expose the screw holes on all four sides.



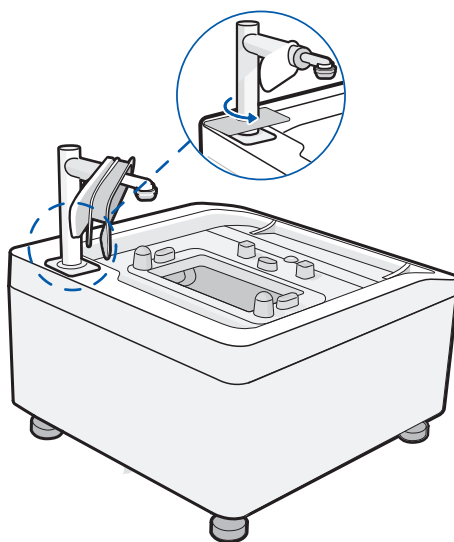
3. Insert the spray nozzle assembly downward into the mounting port. Align the marked lines on both spray nozzle assembly and station until they form a straight line.



4. Use the included screws and hex key to securely fasten the spray nozzle assembly.



5. Rotate the screw cover plate back 90 degrees, align the cover plate with the slot, and snap it into place.

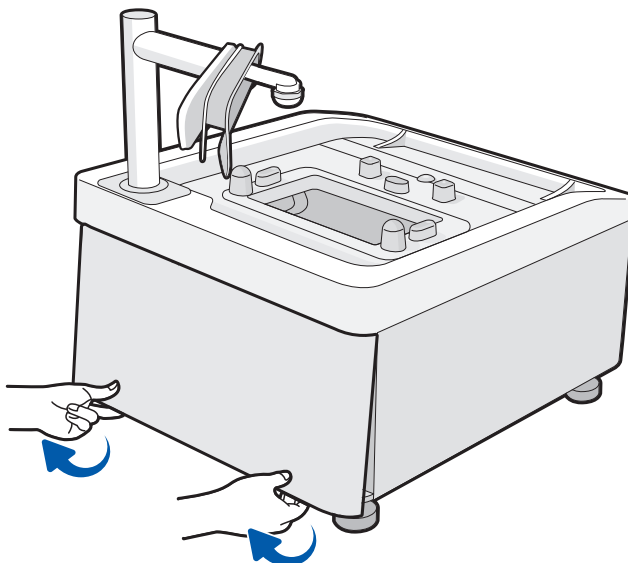


Tips:

1. If using a power screwdriver for fastening, ensure its torque does not exceed 0.5 N·m (4.43 lbf·in) to avoid damaging the station.
2. During installation, handle all parts with care to prevent impact or damage to the splash guard on the nozzle assembly.

6.4 Remove the Rear Cover Panel

Grasp the bottom of the rear cover panel with both hands and pull the panel firmly outward to detach it.



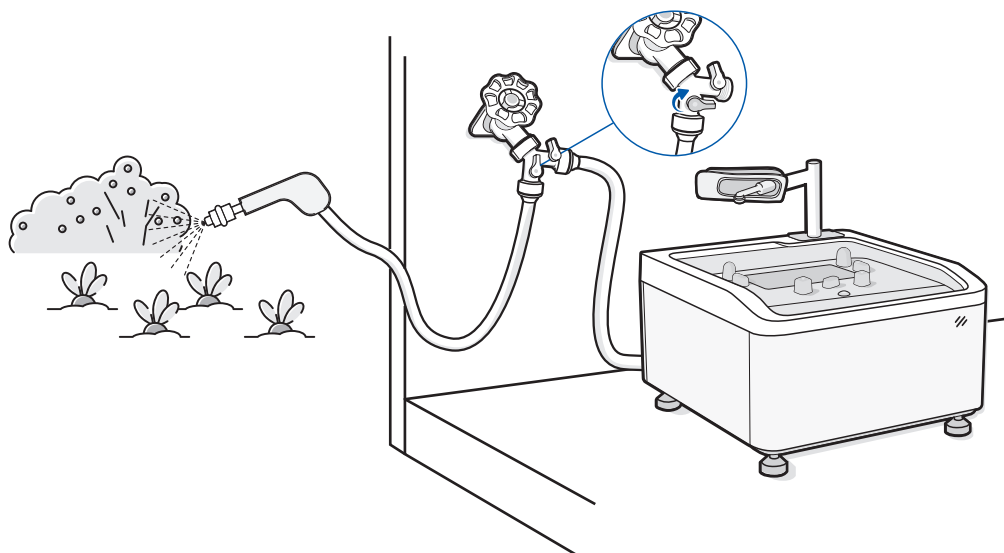
Tip:

You may hear a “click” sound during removal. This is the normal sound of the internal clips disengaging and is no cause for concern.

6.5 Connect the Water Tee (Optional)

This accessory is for scenarios where you need to use the station while still requiring normal daily use of the tap.

Thread the water tee onto the tap by turning it clockwise until hand-tight.



6.6 Connect the Water Inlet Hose

Required Parts :



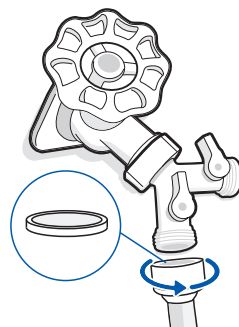
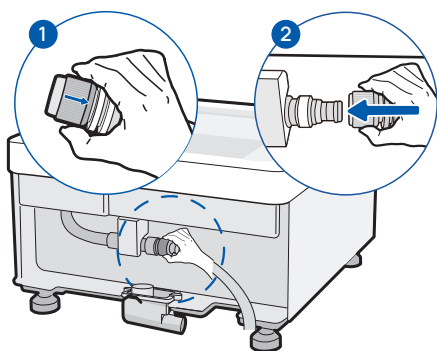
Water Inlet Hose



Water Tee (Optional)

1. Align the quick-connect end of the inlet hose with the station's water inlet port. Depress the locking clip, insert the hose fully, then release the clip to allow it to engage and lock automatically.

2. Thread the opposite end of the hose onto the tap or the auxiliary port of the water tee. Turn the nut clockwise until hand-tight to ensure a secure, leak-proof connection.



Tip:

Before connecting the water hose, make sure there is a rubber washer in the hose connector. Do not use the hose if the washer is damaged or missing.

6.7 Connect the Drain Hose

Required Parts :



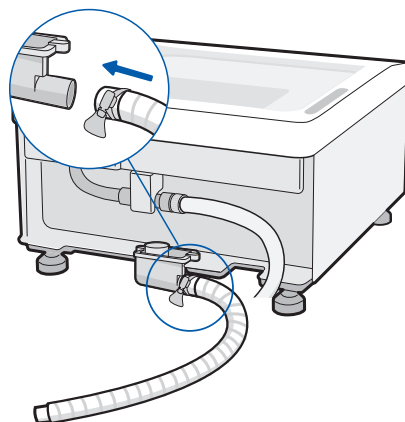
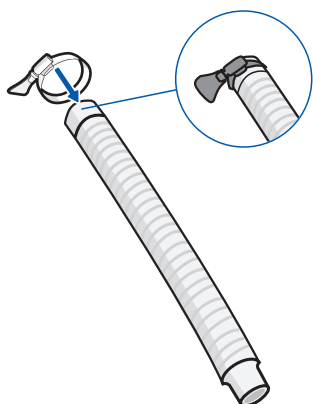
Drain Hose



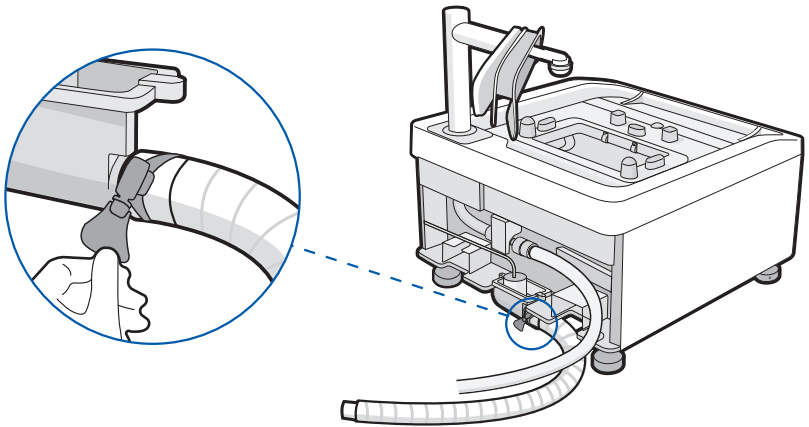
Hose Clamp

1. Attach the hose clamp onto one end of the drain hose.

2. Align this end with the station's outlet port and push it in firmly until it is fully seated.



3. Tighten the hose clamp clockwise until hand-tight to ensure a secure, leak-proof connection.



Tips:

1. Route the hose along a wall or the ground to ensure smooth drainage. Avoid sharp bends or crushing the hose, as this may impede water flow.
2. Ensure the highest point of the hose run does not exceed the height of the station's outlet port.

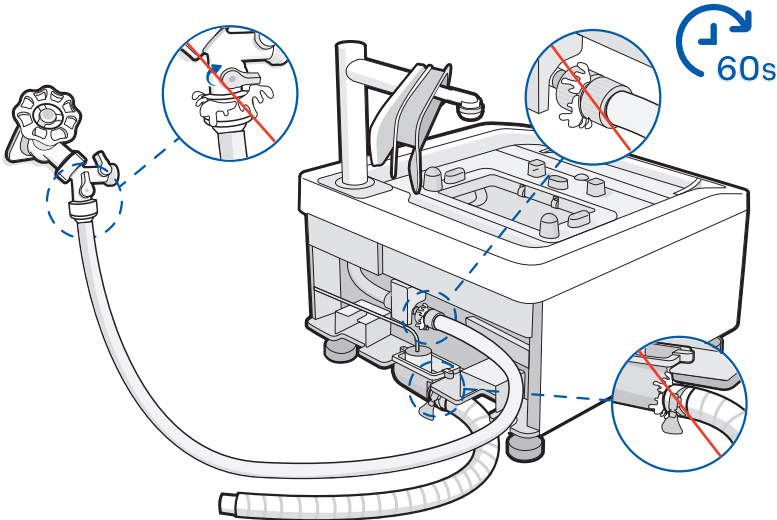
6.8 Conduct a Water Flow Test

Required Parts :



PTFE Tape (Optional)

With all connections made, slowly open the water tap and open the valve on the water tee (if equipped).
 Observe all connection points for at least 60 seconds to ensure there are no leaks. Verify that water drains smoothly.

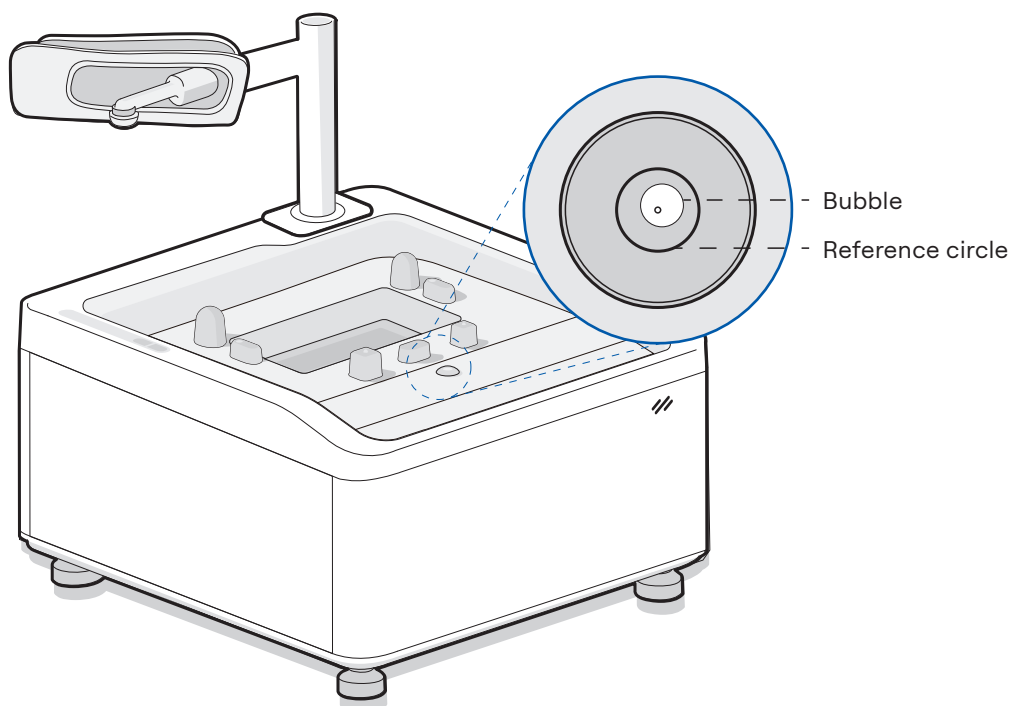


Tip:

If a leak is observed at any connection point, use the supplied PTFE tape to re-seal the joint.

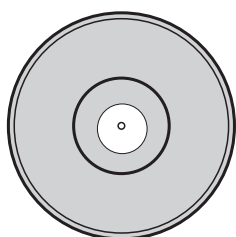
6.9 Check the Bubble Level

Observe the bubble level:



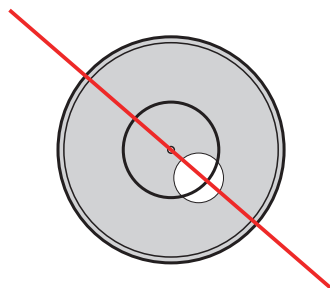
Bubble Inside Circle

The station is level. No adjustment is needed.



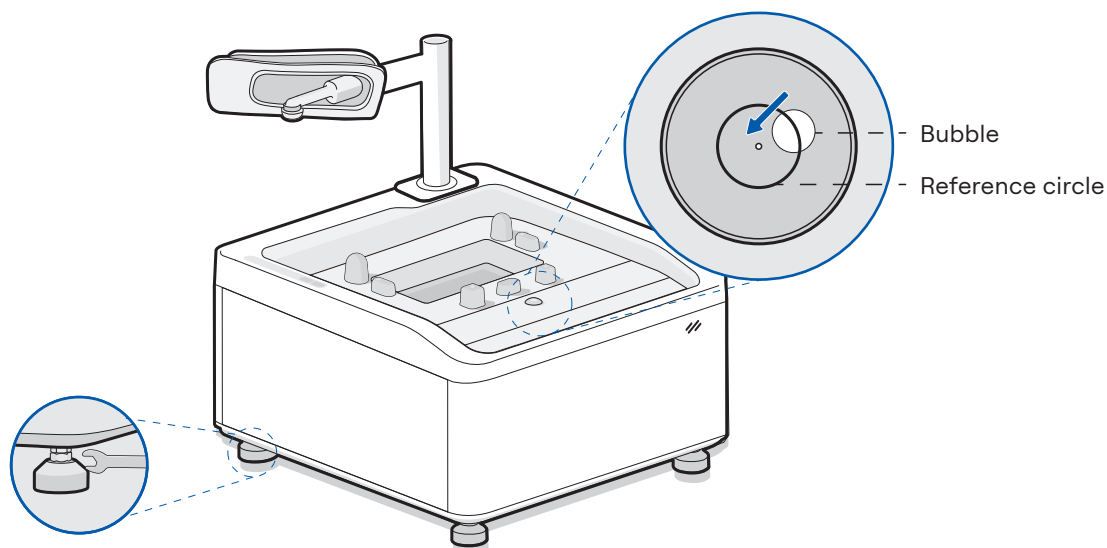
Bubble Outside Circle

The bubble drifts toward the higher side. Lower that side by adjusting the corresponding foot.



6.10 Adjust the Leveling Foot

Adjust the foot nut using the supplied wrench. Observe the bubble level simultaneously and stop adjusting when the bubble is within the circle.

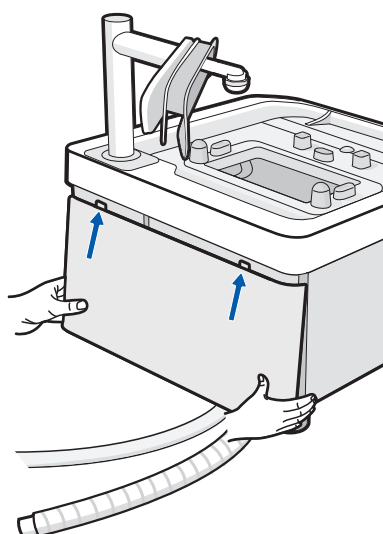
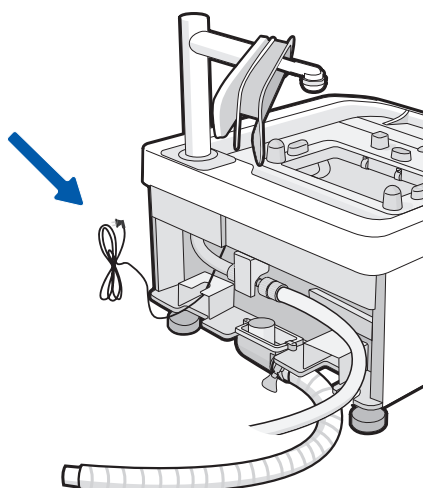


Tips:

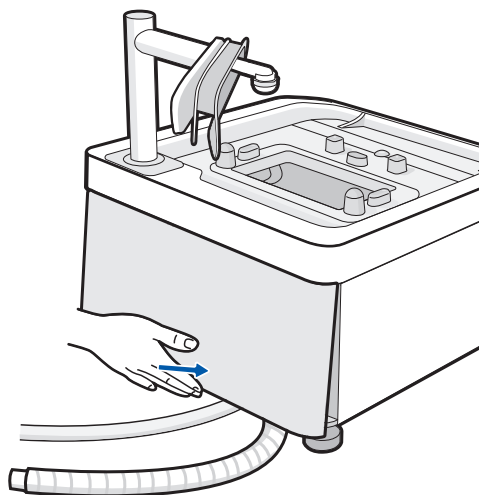
1. Do not over-tighten or over-loosen the nuts to prevent the feet from becoming completely detached.
2. Gently rock the station to check that it is stable and does not wobble.
3. After adjustment, ensure that all leveling feet make solid contact with the ground with no feet left suspended.
4. The feet can be adjusted for a ground tilt of up to 3 degrees. If the slope is greater, please relocate the station to a flatter ground.

6.11 Install the Rear Cover Panel

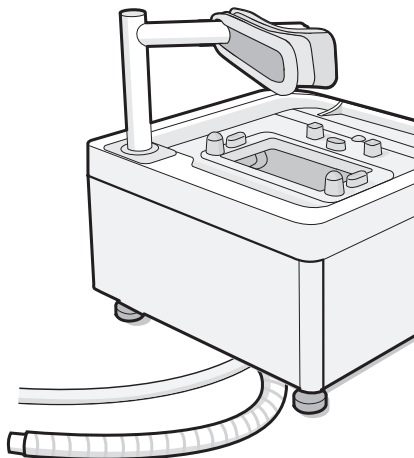
1. Route out the power cord.
2. Grasp the bottom of the rear cover panel with both hands. Align the panel's top mounting clips with the receptacles on the station.



3. Apply even, vertical downward pressure until you hear a "click," indicating the clips are fully engaged.

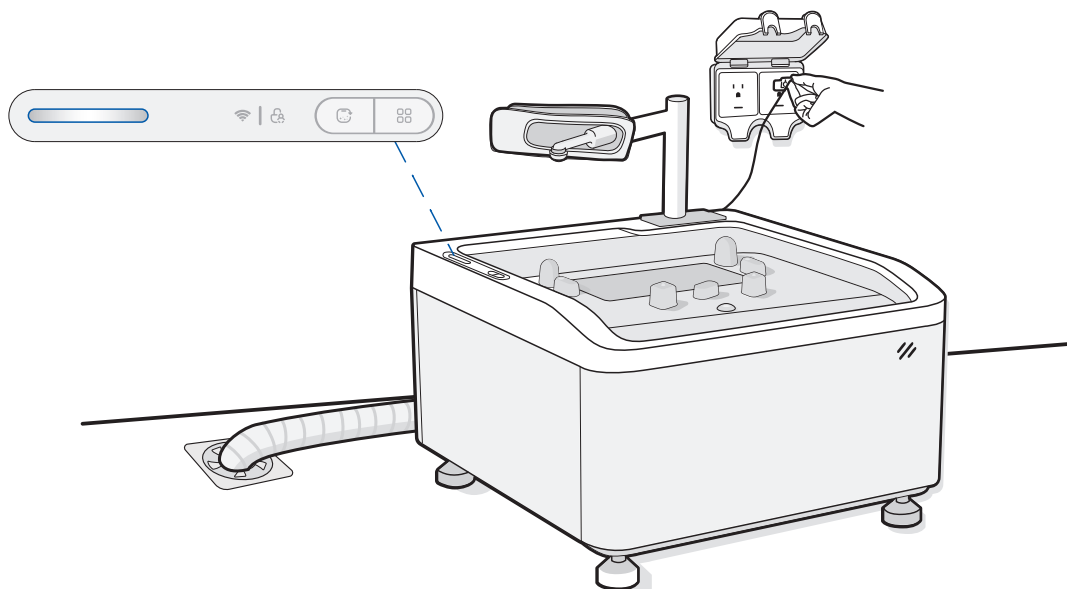


4. Inspect the edges to ensure the panel is securely fastened without gaps.



6.12 Connect to Power

Upon being plugged in, the station will automatically power on, with a breathing white light shown on the status indicator.



6.13 Start Self-Check

⚠ Before starting the station self-check, please confirm the following:

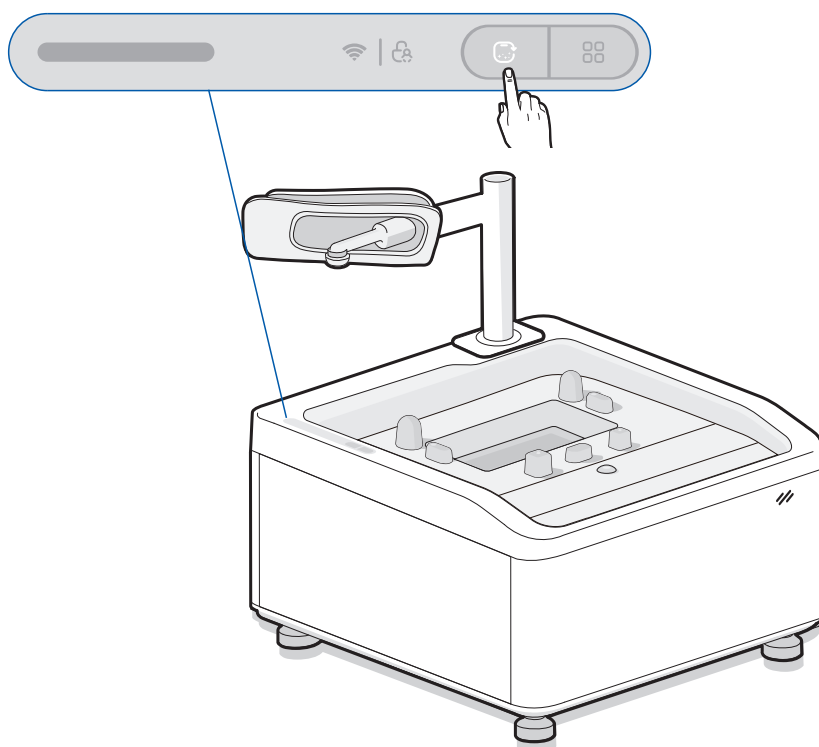
1. The station is properly installed with water and power connected and functioning.
2. The robot is not placed on the station during the self-check.
3. The area around the spray nozzle has sufficient clearance for its rotation.
4. Do not touch the station during the operation.

Self-check procedure:

Press "🔊" button briefly. When you hear the voice prompt "Starting self-check", it indicates that the self-check has started.

Then, the spray nozzle, opening lever, and closing lever will automatically move within the preset range for functional verification. The station's status indicator will flash white during the check. The self-check is complete when you see a solid white indicator light or hear the voice prompt "Self-check complete."

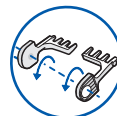
🔊 Starting self-check



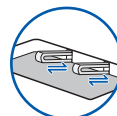
CAUTION: Moving Parts



Spray Nozzle Assembly



Opening Lever



Closing Lever

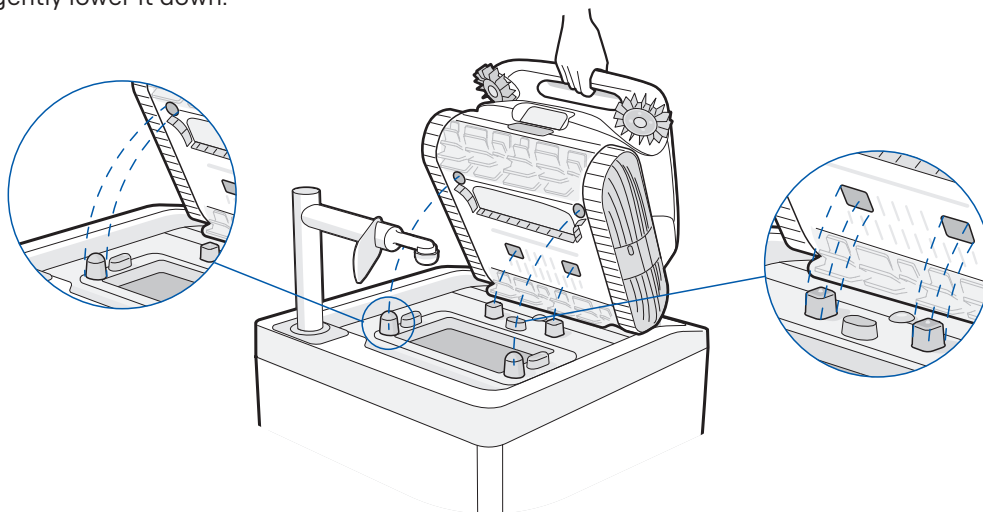
If the self-check fails:

Please troubleshoot according to the specific reason announced in the voice prompt. For detailed instructions, refer to the [FAQ] section within the App. After troubleshooting, press "🔊" button briefly again to restart the self-check process.

07/ Charging

7.1 Place the Robot

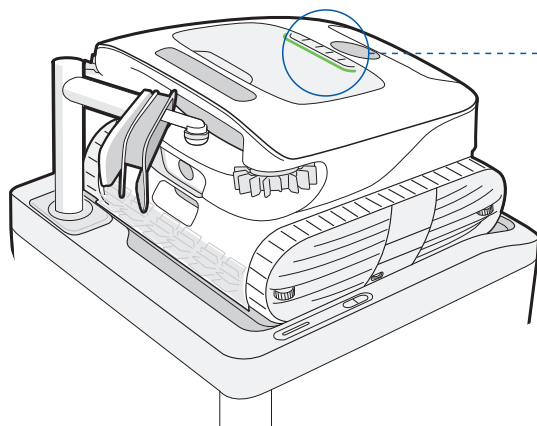
Hold the robot by its handle. Align it with the locating pins and charging contacts on the station and gently lower it down.



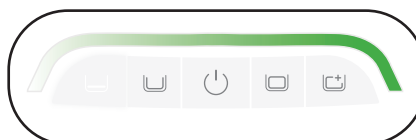
7.2 Start Charging

Charging begins automatically once the robot is properly seated. A breathing light and a voice prompt ("Starting to charge") indicate that charging is in progress. The robot is fully charged when the robot's status indicator turns solid green.

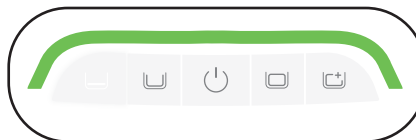
 Starting to charge



Charging in Progress



Charging Complete



Tips:

1. The robot is partially charged for safety during shipping. Please fully charge the robot before first use for optimal performance.
2. Please charge the robot in a dry, cool place with stable Wi-Fi coverage.

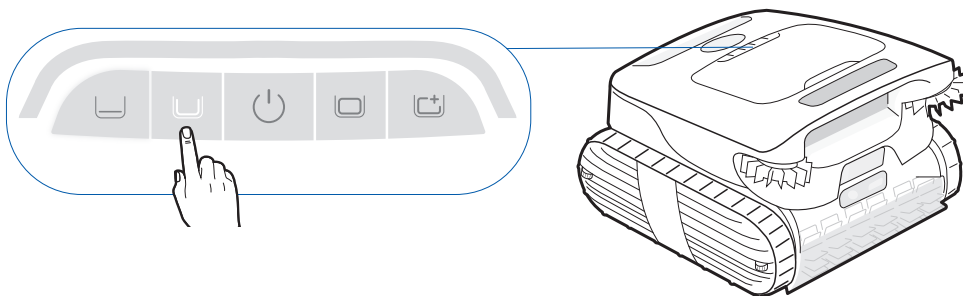
08/ Initial Setup

8.1 Pair Robot with Station

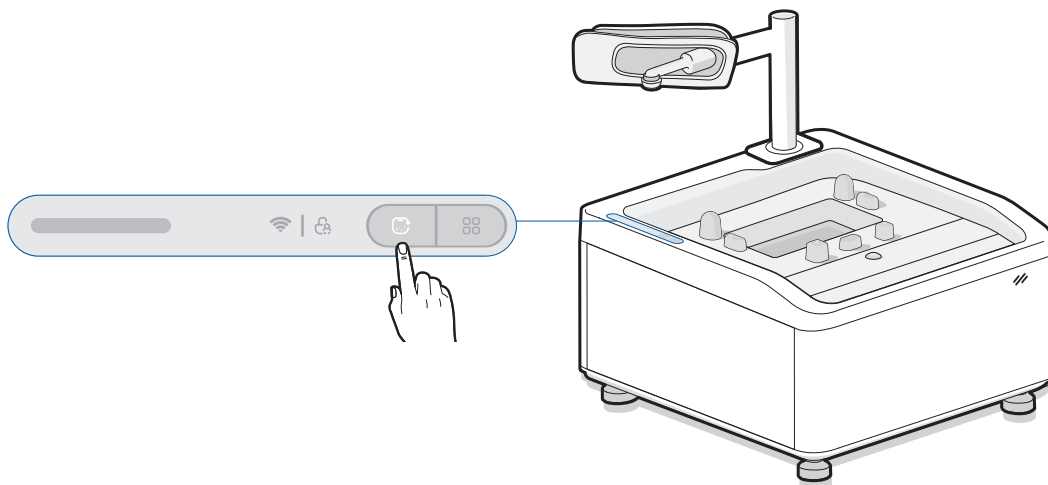
Before pairing, please confirm the following:

- Both the robot and the station are powered on.
- The robot is placed within 1 meter (3.3 ft) of the station.

1. Press and hold "U" button for about 3 seconds. When you see the indicator flashing white, the robot is in pairing mode.



2. Press and hold "⌂" button for about 3 seconds. When you see the indicator flashing white, the station is in pairing mode.



Pairing Successful

If you hear the voice prompt 🗣️ "Pairing complete", you may proceed to the next step.

Pairing Failed

If you hear the voice prompt 🗣️ "Pairing failed. Please try again," please repeat the steps above.

8.2 Download the App

You can either scan the QR code below or search for "Beatbot" in the App Store or Google Play to download the App.

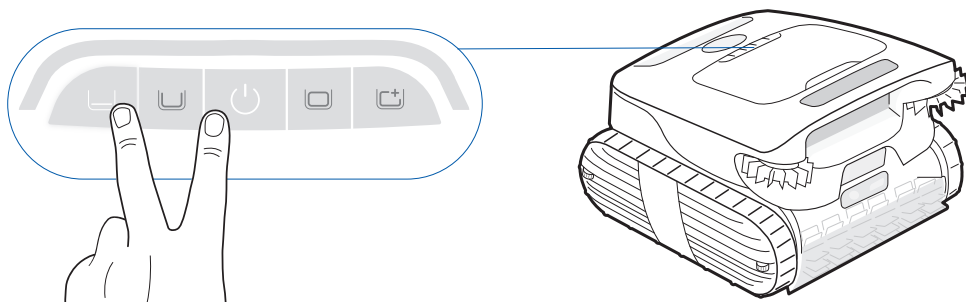


8.3 Connect Robot to Wi-Fi

Before connecting, please confirm the following:

- Both the robot and the station are powered on.
- The robot is paired with the station.
- Your phone, the robot and the station are within the same Wi-Fi network coverage and the signal is stable.
- The robot is placed within 1 meter (3.3 ft) of the station.

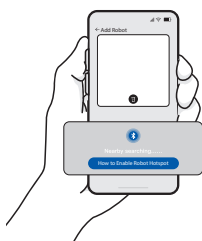
Press and hold "  " and "  " buttons simultaneously for about 3 seconds, and when you see the indicator flashing blue, the robot is in network setup mode.



Open the Beatbot App. Tap "Add Robot" on the home page, then choose one of the following methods to add your robot and complete the setup:

Add via Bluetooth

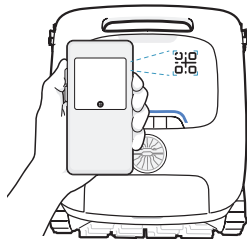
(Recommended)



Ensure Bluetooth is enabled on your mobile phone. It will automatically search for your robot model.

OR

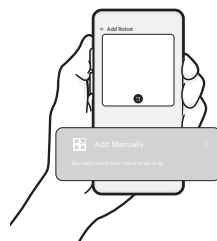
Scan to Add



Aim your phone's camera at the QR code located on the robot.

OR

Add Manually



Tap "Add Manually", select your robot model from the list.

Upon successful setup, the corresponding robot will appear in your App.

8.4 Check Station Network Setup Status

If you have completed the previous steps, the station will attempt to connect to Wi-Fi automatically. Please wait approximately 30 seconds for the setup process to complete. After waiting, observe the station's signal indicator light:



Connection Successful

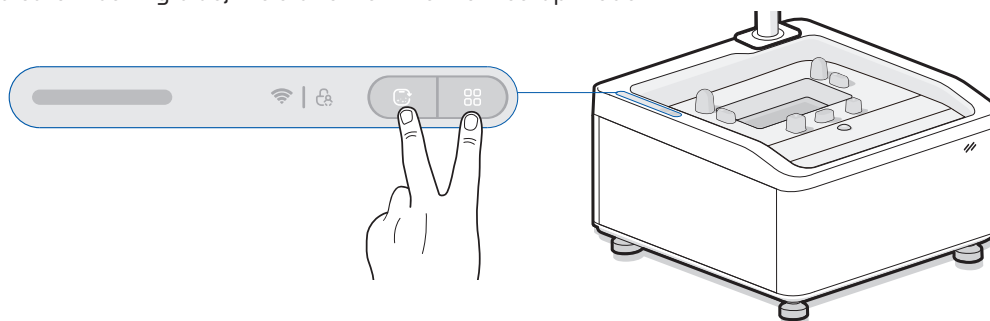
- Solid Blue Light : Indicates a strong network signal.
- Solid Yellow Light : Indicates a weak network signal.

Connection Failed (Manual Setup Required)

- Flashing Orange : The automatic connection failed.
- App Prompt: A network setup prompt may also appear on the station's control page within the App.

If you observe either failure indication above, please follow the steps below to set up the station network manually:

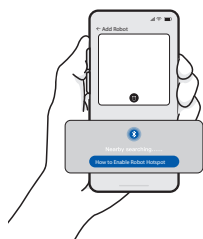
Press and hold " " and " " buttons simultaneously for about 10 seconds, and when you see the indicator flashing blue, the station is in network setup mode.



Open the Beatbot App and navigate to the "Station" tab. Tap "Station Network Setup", then choose one of the following methods to add your station and complete the setup:

Add via Bluetooth

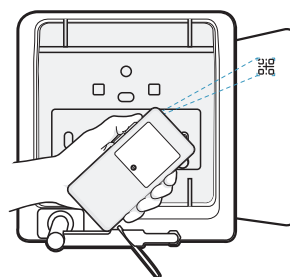
(Recommended)



Ensure Bluetooth is enabled on your mobile phone. It will automatically search for your robot model.

OR

Scan to Add



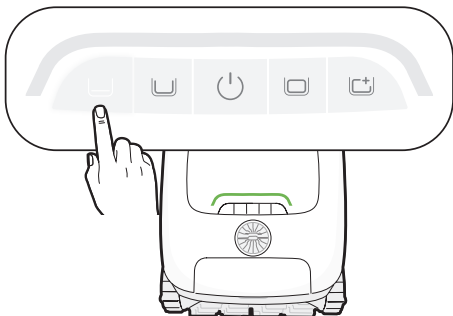
Aim your phone's camera at the QR code located on the station.

09/ Operation

9.1 Start Cleaning

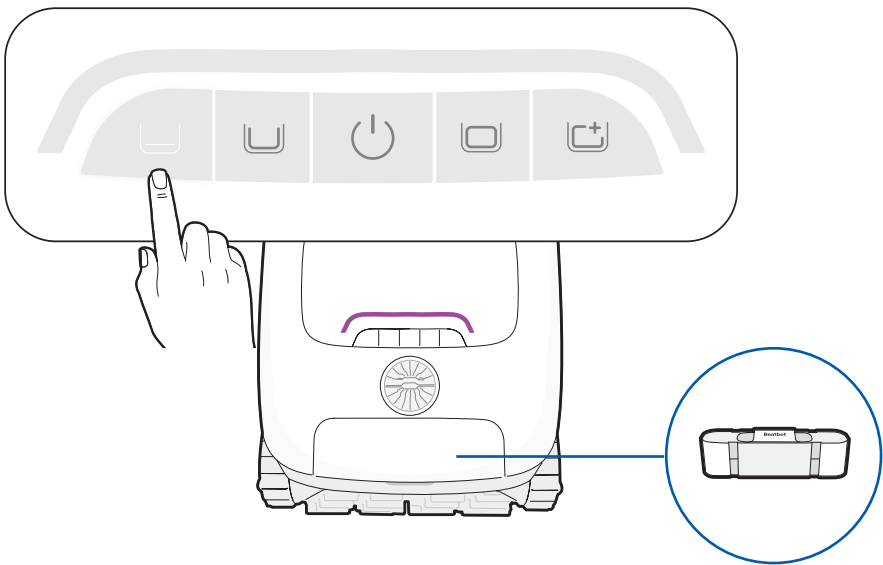
1. Ensure the robot is powered on.

Set the cleaning mode, and the selected mode button will show solid white.

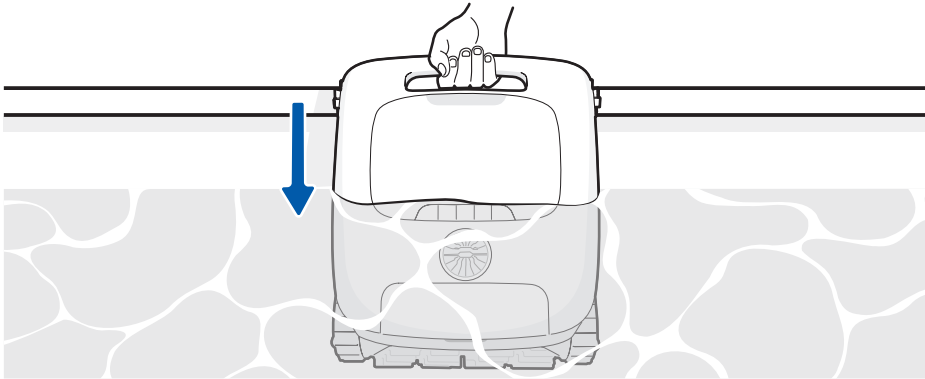


Cleaning Mode	Cleaning Coverage
	Floor
	Floor, Walls & Waterline
	Floor, Walls & Waterline, Surface
	You can customize the cleaning area and duration via the App.

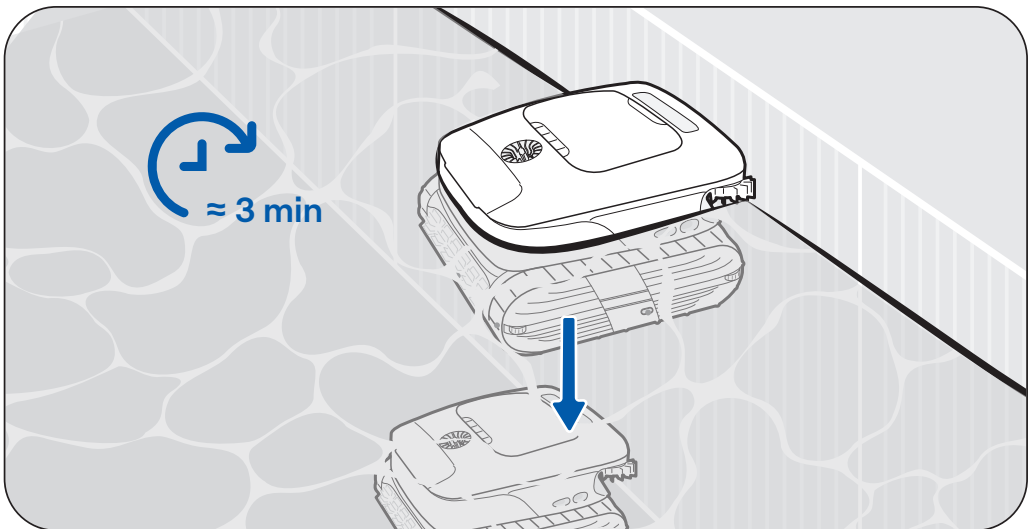
2. If you have already installed the detergent kit, press and hold " " button for about 3 seconds to activate the detergent dispensing. The purple light on the robot indicates a successful activation. Press and hold " " for about 3 seconds again to deactivate it.



3. Gently place the robot into the water along the pool wall.



4. The robot begins to submerge and will settle on the pool floor within 3 minutes after entering the water. Once settled, it will automatically begin cleaning.

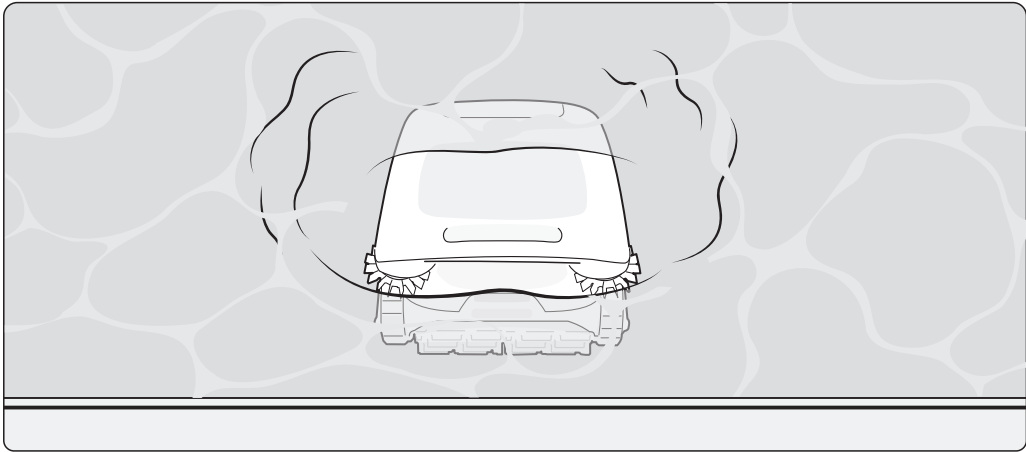


Tips:

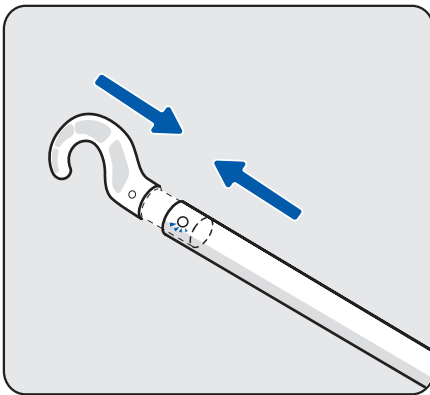
1. Please note that the robot's Wi-Fi signal will weaken and disconnect while it is submerged. This is normal. The connection will automatically restore once the robot returns to the surface or exits the water. At that point, the App will reconnect and sync the latest cleaning data.
2. During the surface cleaning, you can also activate the detergent dispensing via the App.

9.2 Retrieve

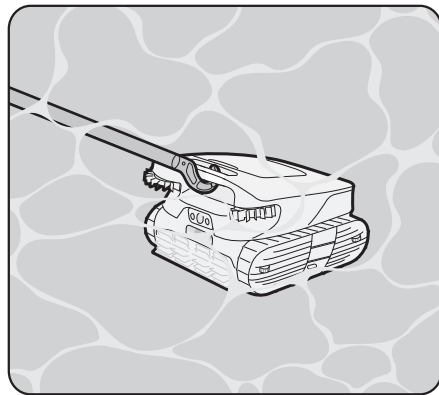
After completing the cleaning task, the robot will automatically park itself at the poolside. When lifted out of the water, it will begin draining automatically.



In the unlikely event that the robot does not return to the poolside automatically, you can manually retrieve it using the supplied hook.



Take out the hook and attach it to a standard pool cleaning pole (not included).



Tips:

1. The robot will automatically drain water once it exits the pool. For your safety, please ensure the robot is kept away from any power source during this process.
2. If the robot's battery is depleted during cleaning process, it will shut down and cannot drain on its own. In this case, please use the supplied hook to retrieve the robot and charge it. Once powered on, the automatic drainage will begin.

⚠ Caution:

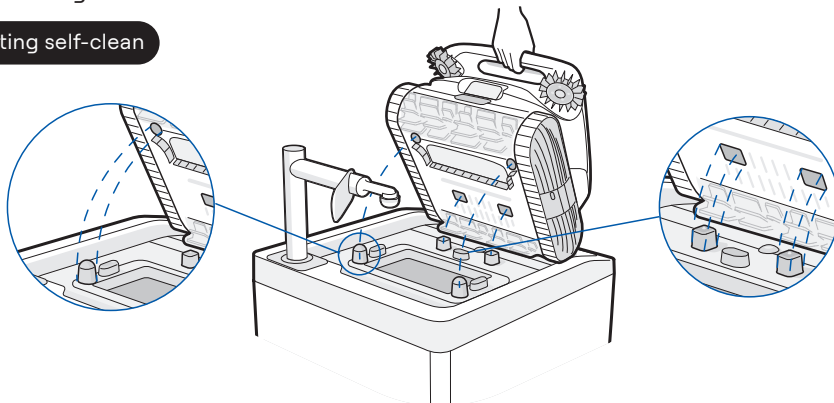
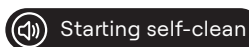
Always perform the drainage process outdoors to prevent water from damaging indoor flooring.

9.3 Start Self-Cleaning

1. Place the Robot

Hold the robot by its handle. Align it with the locating pins and charging contacts on the station and gently lower it down.

When properly seated, the station will start self-cleaning automatically. You will hear the voice prompt "Starting self-clean."



Tips:

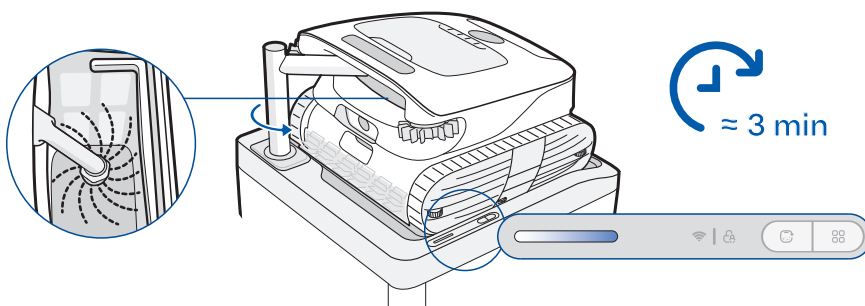
1. The station is set to perform self-cleaning task automatically by default. You can disable the Auto Self-Clean function in the App.
2. You can also start self-cleaning by pressing " " button on the station or via the App.

2. During Self-Cleaning

When the self-cleaning task is started, the robot's floating debris door opens. The spray nozzle then rotates counterclockwise to align with the door opening to begin cleaning.

During this process, the station's status indicator will display a sky-blue breathing light pattern.

The entire self-cleaning cycle takes approximately 3 minutes.



⚠ Cautions:

To ensure successful self-cleaning and prevent damage to the device, the following actions are prohibited during the process:

1. Do not move the robot or the spray nozzle, as this will interrupt the self-cleaning task.
2. Do not open the robot's filter basket cover. Do not insert hands or any body part into the robot's filter basket, to avoid injury.
3. Do not open the station's side cover panel. Do not pull out the station's filter basket, to prevent debris from spilling.

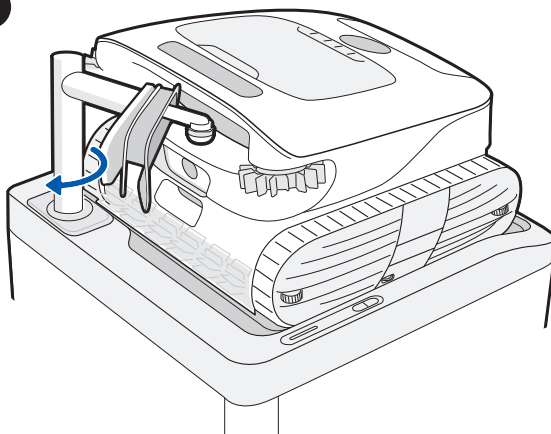
Tips:

1. If self-cleaning does not start, lift the robot and check whether the charging contacts are properly aligned. You may also try to manually restart the self-cleaning task. If the issue persists, contact customer service.
2. During the self-cleaning process, you will hear the sound of water flow and the drain valve operating, and some water may splash around the station. This is normal and no cause for concern.

3. Self-Cleaning Complete

When the self-cleaning task finishes, the spray nozzle returns to its origin position and the robot's floating debris door closes. The robot will automatically start charging, and you will hear the voice prompt "Self-clean complete."

 Self-clean complete



Tip:

To end the self-cleaning cycle early, briefly press "  " button on the station or stop it via the App.

9.4 Enable Child Lock

You can enable/disable the child lock via the App. Once enabled, both buttons on the station are locked to prevent accidental interruption of the self-cleaning task. And the child lock indicator turns solid white.



* To temporarily disable the child lock, press and hold "  " button for 3 seconds.

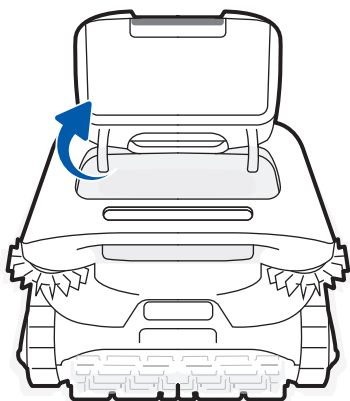
10/ Maintenance

Ensure that the robot is disconnected from the power supply before performing any maintenance. For detailed guides on maintenance procedures and replacement parts, please open the App and navigate to the Maintenance section.

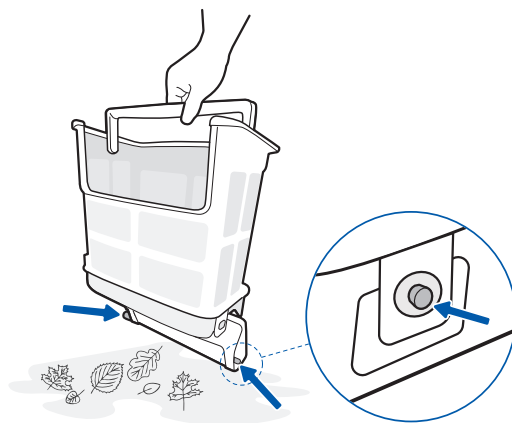
10.1 Robot Filter Basket

! If the robot fails to perform self-cleaning task when properly placed on the powered station, you can clean the robot's filter basket manually by following these steps:

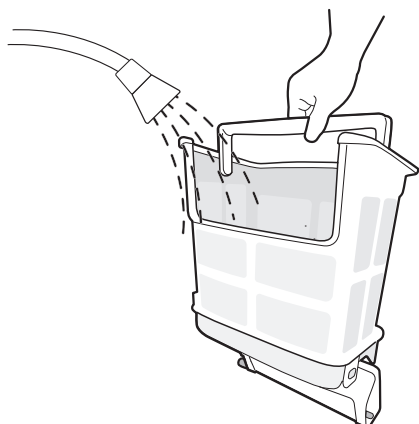
1. Press the switch to open the filter basket cover and remove the filter basket.



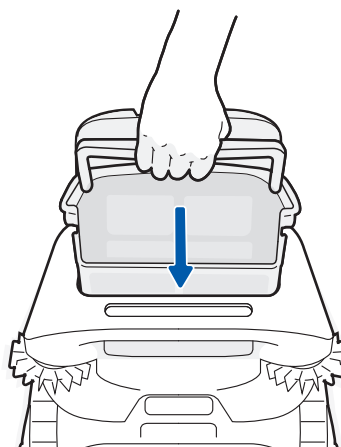
2. Press the latches on both sides of the basket to open it, and empty the debris.



3. Rinse the basket thoroughly with water and allow it to dry.

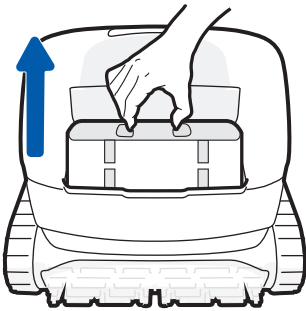


4. Hold the basket by its handle, insert it vertically back into the robot, and close the cover until it clicks into place.

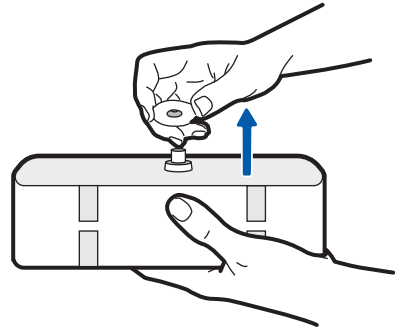


10.2 Detergent Kit

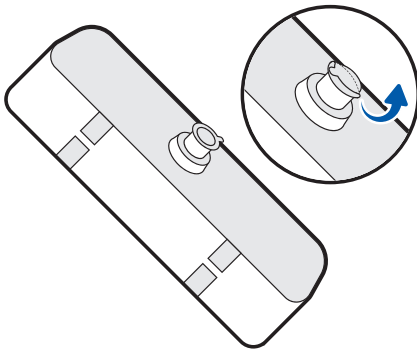
1. Open the kit cover of the robot, take out the used kit.



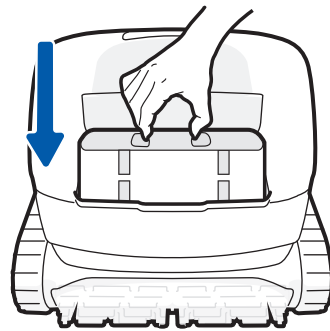
2. Remove the cap of the new detergent kit.



3. Tear off the aluminum film on the interface of the kit.

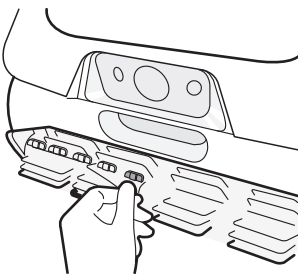


4. Position the kit onto the robot with the interface facing downwards. Gently but firmly press it into place until you hear a "click". Then, close the cover.

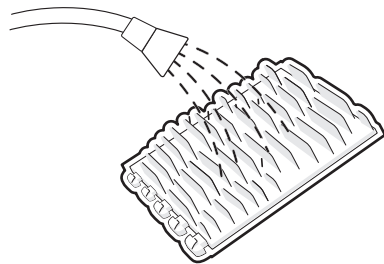


10.3 Roller Brush

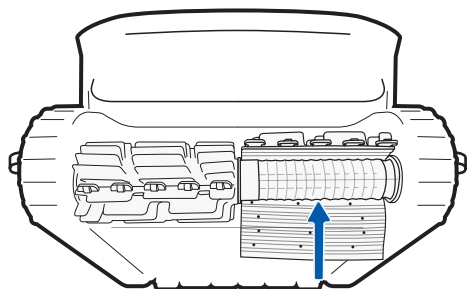
1. Release all the tabs and remove the roller brush strip.



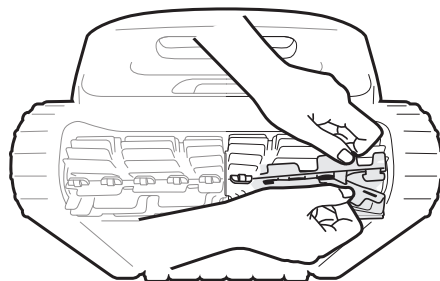
2. Clean any debris from the strip and rinse it thoroughly with water.



3. Reinstall the strip onto the brush support.



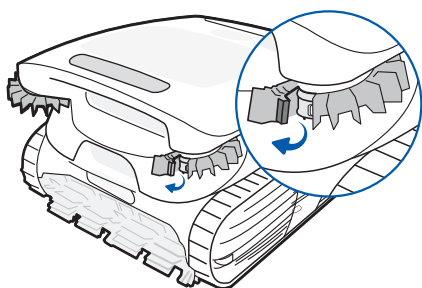
4. Thread the tabs through each slot carefully.



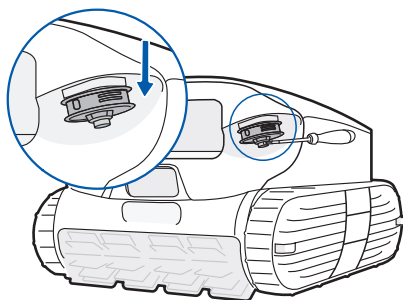
* If the roller brush shows obvious damage, please replace it promptly to ensure cleaning performance.

10.4 Side Brush

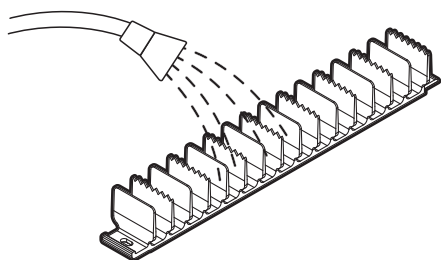
1. Unhook the side brush strip from the retaining peg to remove it.



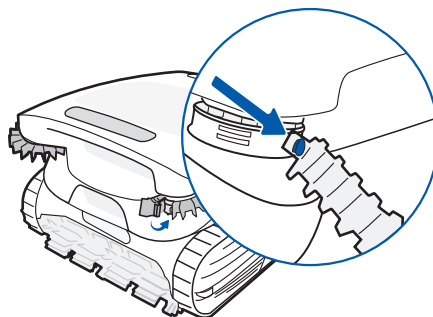
2. Use a screwdriver to remove the screw from the bottom of the support, then pull it down to detach.



3. Clean any debris from both the brush support and the strip.



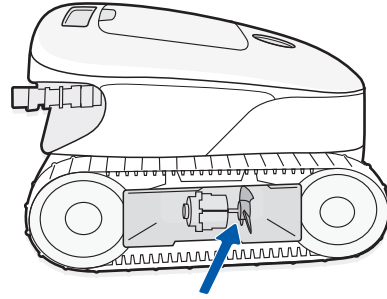
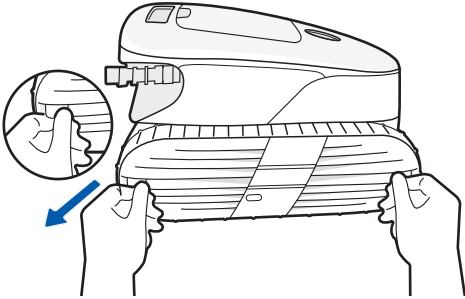
4. Hook the narrow side of the strip onto the retaining peg of the brush support.



* If the side brush shows obvious damage, please replace it promptly to ensure cleaning performance.

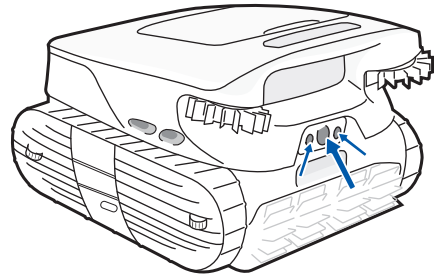
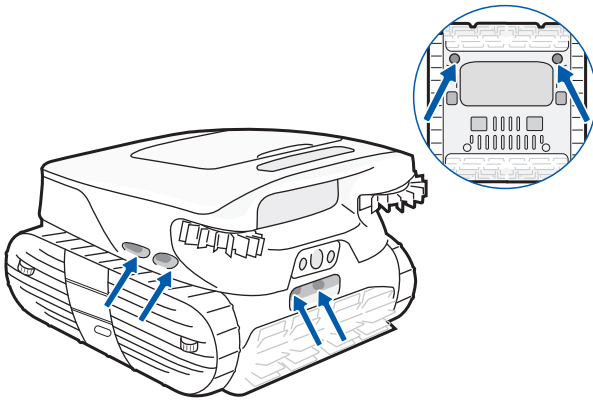
10.5 Propeller

1. Securely grasp the guide wheels with both hands, and firmly pull the propeller lid straight outward.
2. Clear any debris (such as hair) wrapped around the propeller.



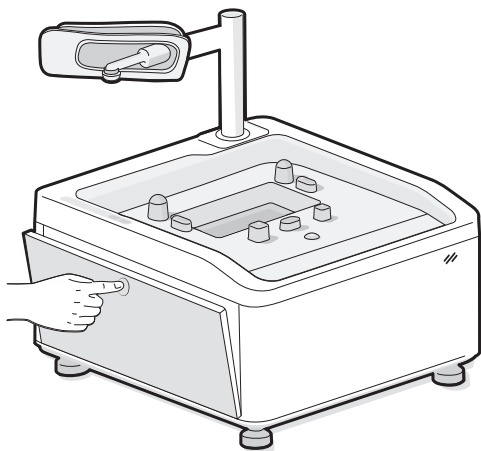
10.6 Sensor

Ensure no obstructions remain on the sensors after each use. If necessary, gently wipe it with a soft, dry cloth.

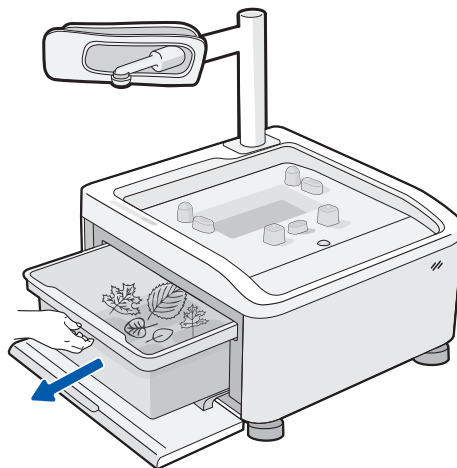


10.7 Station Filter Basket

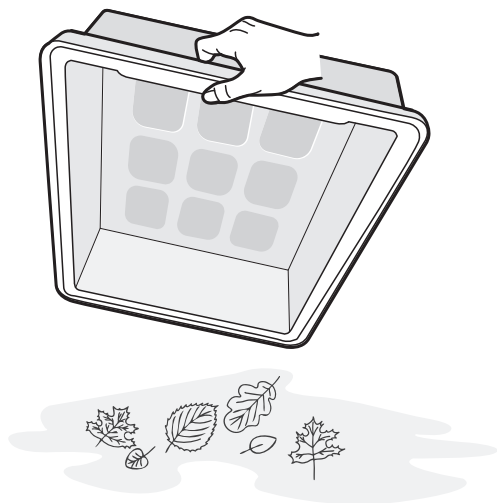
1. Gently press the side cover panel.



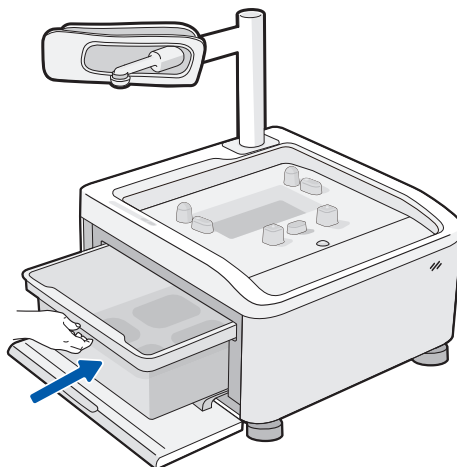
2. Pull out the filter basket.



3. Empty the debris and rinse the basket.



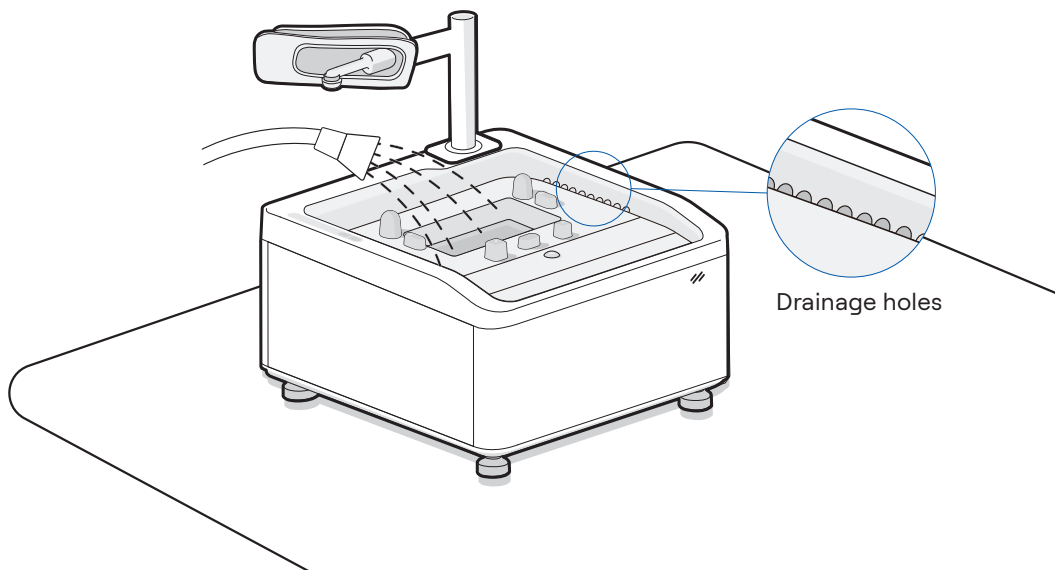
4. Reinsert the basket and press the side cover panel closed until you hear a confirming click.



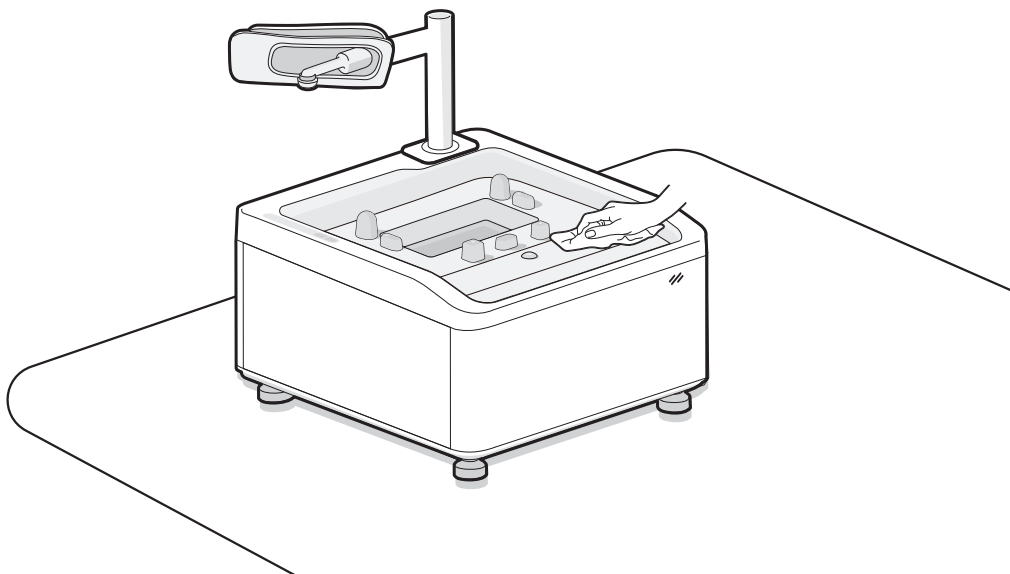
10.8 Station Platform

For optimal performance and long-term reliability, promptly clean off any debris such as mud, sand, or leaves from the station platform.

1. Rinse the soiled area with water while observing the drainage holes on both sides of the station platform to ensure they are not clogged.



2. After cleaning, wipe the platform dry with a clean cloth.



11/ Winter Storage

To protect your device in temperatures below 5°C (41 °F), please follow these storage steps:

1. Preparation:

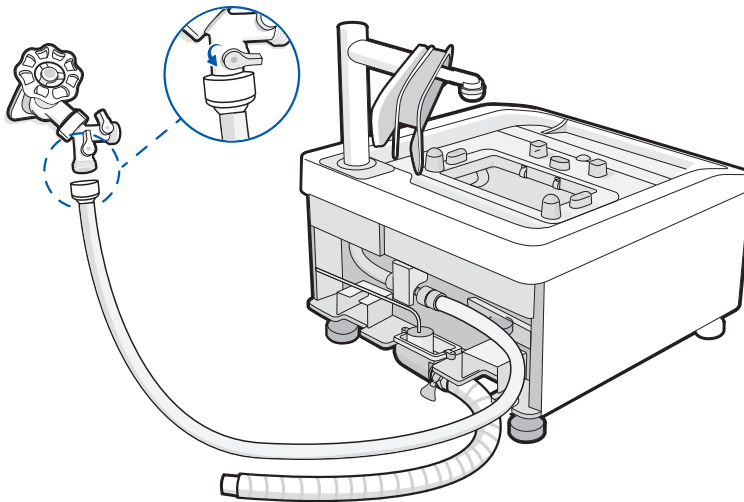
Clear the Area: Ensure all hazardous items, such as power strips and electrical cords, are removed from the surrounding area before starting.

Protect the Ground: The ground around the station should be properly covered or protected to contain any water and prevent spreading.

Operate with Caution: Operate carefully during the process to avoid spraying water onto yourself, other people, or pets.

2. Water Inlet Hose Disconnection:

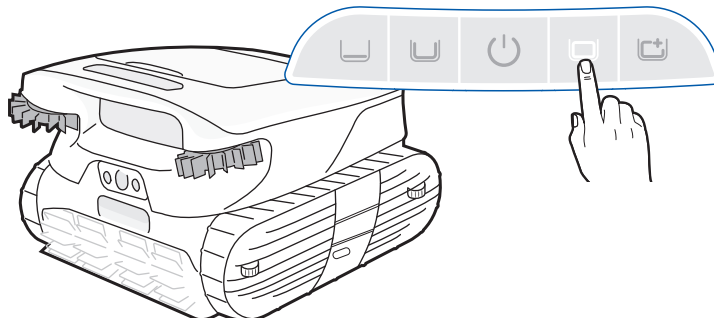
Turn off the water tap and disconnect the inlet hose from the tap. Point the hose downward to drain any remaining water.



3. Complete Drainage:

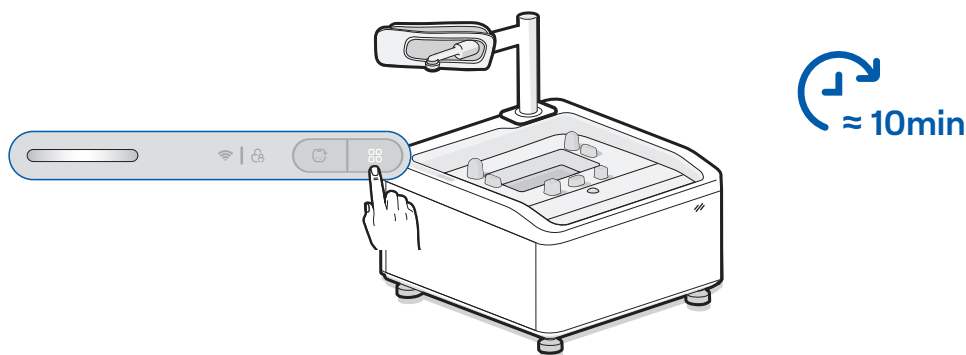
Drain the Robot:

Press and hold the robot's "□" button for 3 seconds to start drainage. Wait about 3 minutes for the process to complete.



Drain the Station:

Press and hold "⏏" button for 10 seconds to start drainage. This process takes about 10 minutes. Please wait patiently and do not operate the station during this time. Press any button to exit once drainage is finished.

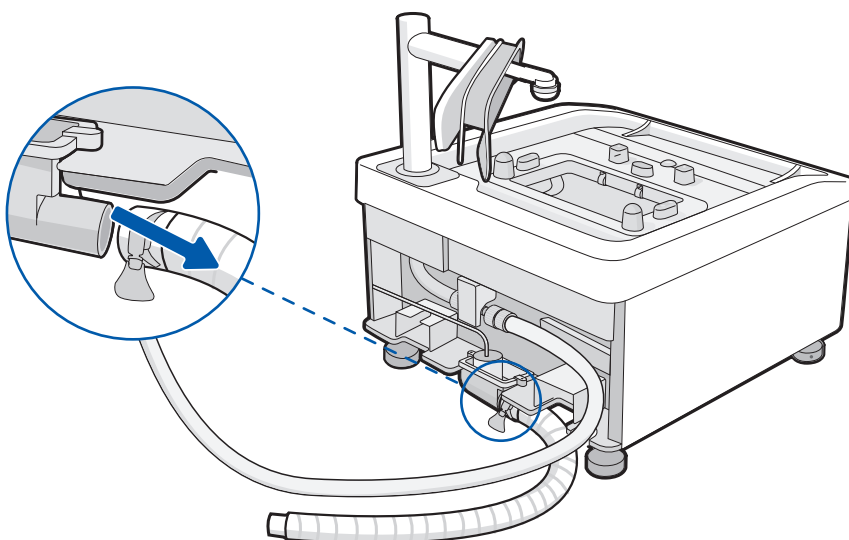


3. Power Disconnection:

Ensure the device is disconnected from the power supply.

4. Hose Disconnection:

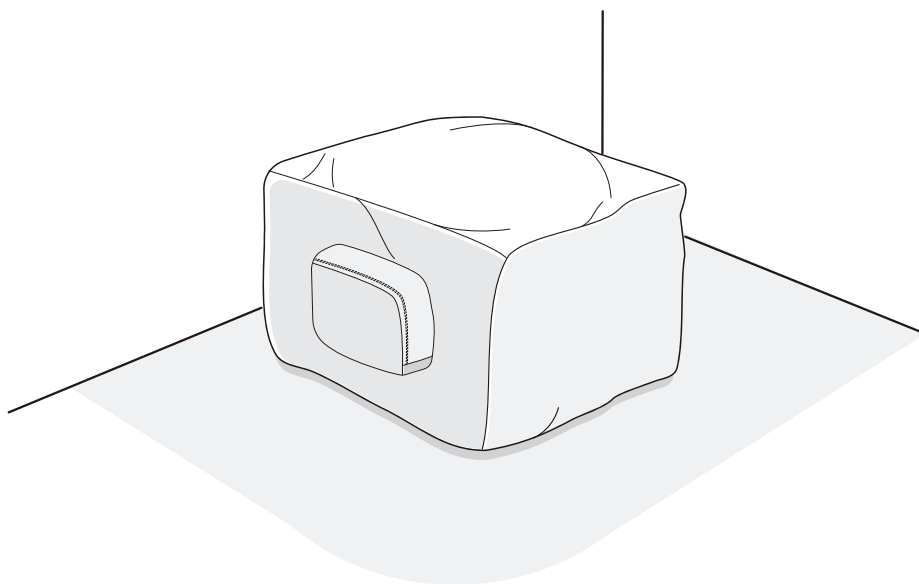
Before disconnecting the drain hose, ensure all wastewater is completely drained to avoid spills. Fully disconnect both the inlet and drain hoses from the station to prevent them from freezing and cracking in low temperatures.



5. Storage:

Put the hoses into the station's filter basket and close the side cover panel.

Place the robot on the station and cover it with a dust cover (sold separately). Store the device in a dry indoor location, away from cold and damp conditions to prevent component damage.



12 / FAQ

Why does the robot stop at the pool floor and not move?

- Check if the robot is in ECO Mode. In this mode, the robot will settle on the pool floor after cleaning and remain there, initiating an automatic cleaning cycle every other day.
- Check if the robot is trapped near the drain or other obstacles. It will attempt to free itself automatically. If, after several minutes, it remains stuck and its status indicator flashes orange, you can help it manually using the supplied hook.
- If the pool is heavily soiled, the robot's filter basket may become clogged rapidly. This can prevent the robot from returning to the poolside. In this case, lift the robot out of the water and clean its filter basket.

Why doesn't the robot move after entering the water?

- The robot needs some time to release the air in the floating chamber when it enters the water. Please wait patiently for about 3 minutes.

Why is the robot offline?

- Weak Wi-Fi signal: The robot may be too far from the Wi-Fi signal range or could have submerged into the water, causing the network to disconnect. The robot will reconnect automatically once the signal is restored.
- Robot shutdown: The robot automatically shuts down when the battery runs out. After charging and powering it on, the robot will reconnect automatically.
- Robot connected by another account: The robot may be connected to another account. You can try to reconnect it through the App's setup process.
- Router related: If the router is rebooting, if there are changes to the router's Wi-Fi name or password, or if the router has blacklisted the robot, please address these issues first to determine if the robot comes back online. If the issue persists, please reconnect.

Why can't the robot be charged?

- Check if the station is properly plugged in.
- Check if the robot is correctly positioned onto the station.
- Check if the charging contacts on both the robot and the station are clean and free from rust or debris. If needed, gently clean the contacts before attempting to charge again.

Why is there noise after the robot finishes cleaning?

- This is normal. The robot is draining, and it is expected to last for about 3 minutes.

What to do if the self-cleaning process is interrupted?

If the self-cleaning process is interrupted abnormally, the station will alert you with a voice prompt or in-app notification. Please troubleshoot based on the prompt, or perform the following checks:

- Confirm that both the robot and station are powered on, correctly paired, and that the station has completed its self-check.
- Verify that both the robot's and the station's filter baskets are fully seated, and that the robot is properly positioned on the station platform.
- Inspect the area between the station's spray nozzle and the robot to ensure it is free of any obstructions.
- Ensure there are no large foreign objects (e.g., long branches) inside the station's filter basket that could block the opening/closing lever.

* If you encounter any issues during usage, please visit the official website/APP to check the FAQ or contact our customer service for help.

13/ After-sales Service

Warranty Period	3-year warranty
Official Website	www.beatbot.com
Support Email	service@beatbot.com
Toll Free	+1 8337024399 Mon-Sun 9:00 am-6:00 pm (CST)

The lithium-ion pack contains substances that are hazardous to the environment. Before disposing of the robot, please remove the battery pack, then discard or recycle it. It is used according to local laws and regulations of the country or region.

14/ WEEE Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point appointed by the government or local authorities for recycling waste electrical and electronic equipment. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as the terms and conditions of such collection points.

