degrii

Degrii Zima Pro
Cordless Robotic
Pool Cleaner

Designed in California · Made in China
Degrii, Inc. - www.degrii.com
101 Jefferson Drive, 1st Floor, Menlo Park, CA 94025

Zima Pro User Manual

Degrii Zima Pro
Cordless Robotic Pool Cleaner



ZIMA™ PRO V3.0

English

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Warning

1. For your safety, DO NOT do anything other than the routine cleaning and maintenance as described in this manual. This product must be serviced by a professional who is licensed and qualified in pool equipment repair as per local laws.
2. USE ONLY the original and authorized power adapter and cord to charge.
3. DO NOT use if the power cord is damaged. Before charging make sure that the connector and socket are dry and clean.
4. The device must be powered via a residual-current device with a rated residual current of at most 30 mA.
5. DO NOT attempt to charge the Zima Pro when the robot is running. Make sure the power is OFF.
6. DO NOT ENTER the pool while the pool cleaner is in the pool.
7. Improper installation and/or operation may void the warranty.
8. DO NOT use an unauthorized extension cord.
9. When it is charging, the robot should be kept in a cool place to avoid damage to internal electrical components caused by overheating.
10. To ensure optimal battery life for the product during long-term storage, it is recommended to perform a minimum of one charge cycle per month, maintaining the battery charge level between 30% to 50%.
11. Improper handling of the device can lead to severe injury or damage to the device. Only allow others to access the device after they have read and comprehended the entire manual or have been instructed about the intended use and the associated risks.
    - Never let persons with reduced physical, sensory or mental capacities (such as children or drunk people) or a lack of experience and knowledge unsupervised near the device.
    - Never allow children and persons with limited physical, sensory or mental capacities or persons lacking the respective experience and knowledge to operate the device.
    - Do not let children clean or service the device.
    - Children are not allowed to play with the device or with the power cable.
    - Do not operate the device when impaired (e.g. under the influence of drugs, alcohol or medication).
12. The robot contains a non-replaceable battery. Do not attempt to replace the battery yourself. Contact customer service for assistance if the battery needs to be replaced.

WARNING: Use only with DZ072ADL255250F battery charger.

Warranty

BEFORE INSTALLING AND USING THIS PRODUCT, PLEASE READ THE FOLLOWING GUIDELINES AND INSTRUCTIONS:

1. The warranty duration for the battery and motors is two years from your purchase date.
2. The warranty duration for the scrubbing brushes (4x) and filter cartridges (2x) is one year from your purchase date.
3. This warranty is valid only for the original purchaser and does not apply to resale or transfer.
4. Any damages or failures caused by misuse, unauthorized repair, disassembly, or moisture getting inside the charging port may void the warranty.
5. Purchasing order number or official record is required to claim the repair during the warranty period.

*Find the product's serial number under the floating battery platform. If service is required, please contact your original dealer. If your original dealer does not perform warranty services, please find the customer service contact info.

Introduction

THANK YOU FOR CHOOSING ZIMA PRO

Your **Zima Pro Cordless Robotic Pool Cleaner** is designed and manufactured to be sustainable and energy-efficient, convenient and cost-effective, easily installed, with minimal maintenance. Zima Pro has a floating battery platform, Bluetooth and Wi-Fi connections, water purification capabilities, and a wall-climbing feature that cleans the pool's floor, walls and waterline automatically, utilizing eight sensors, four LED lights, four scrubbing brushes, and three motors.

Customer Service

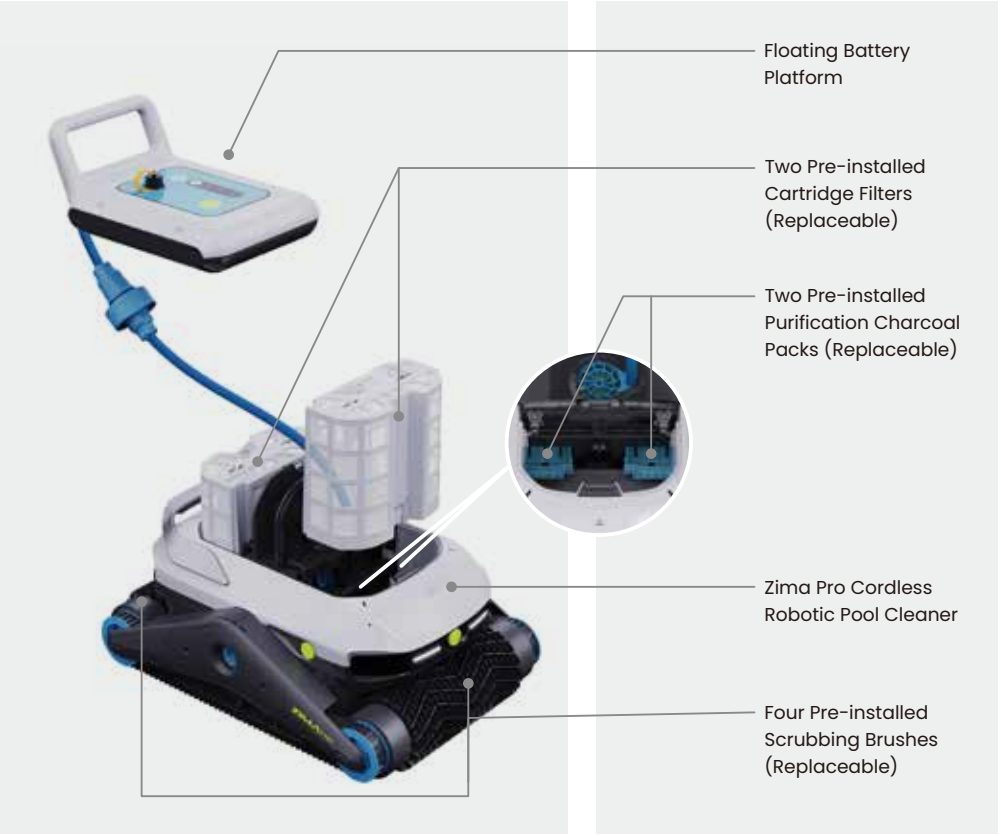
Telephone: +1 (888) 533-4744

Email: happycustomer@degrii.com

Join the community: degrii.com/pages/community

Find the latest manual & FAQ: degrii.com/pages/support

In the Box





Charger



Purification Packs

User Manual

Note

Each unit has been tested for overall quality, then cleaned, dried and packed. Due to long-distance transportation, the sponge in the scrubbing brush may still be wet due to evaporation, which can cause dampness in the product.

Setup

You can connect and control the ZIMA PRO robot with the Degrii App. The App is available for download from the Google Play Store and the Apple App Store.

Download on the App Store

GET IT ON Google Play

Once you download the Degrii App and the robot is connected to Wi-Fi, the App will allow you to control the cleaner from anywhere at anytime. The App provides many more options to control the robot, giving you a better user experience than standard controls.

To Start The Degrii App

1. Ensure the Wi-Fi router has sufficient signal strength (currently supports 2.4 GHz frequency).
2. Enter your Wi-Fi network name and password.
3. Turn Bluetooth on for your iOS or Android devices.
4. Confirm that your mobile smart device is connected to your home/pool Wi-Fi network.
5. If you are an Android user check that your GPS and ocation services are on.

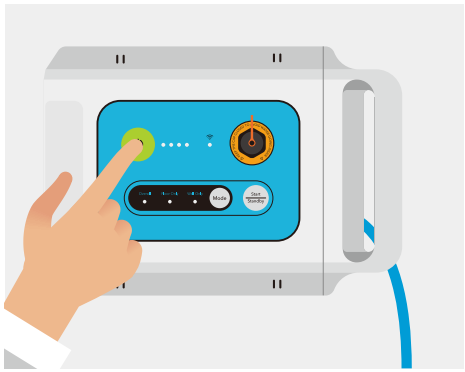
To Prepare Your Robotic Pool Cleaner

1. Charge the robot ensuring that the battery has a full charge.



Note: Before charging, double check that the robot is turned off. Wipe away any water from the charging pin.

2. To turn on the robot, hold the floating battery platform, then turn it on by pressing the ON/OFF switch.



Note: Once you turn on the robot and the Wi-Fi LED light starts blinking, it is ready to pair with the App.

Activate Your Robot Using the App on Your Phone

1. Once you open the App, click “Agree” to allow all the required permissions.
2. Click “Sign Up” to create a new user account. Or if you previously set up an account in this App, click “Log In" to access the systems.
3. Search for your robot manually to pair.
4. Connect to the home/pool Wi-Fi network.
5. Enter the Wi-Fi password.
6. Enter the pool shape and size correctly. (*This information will be used to estimate the total cleaning time.)
7. A congratulatory page will appear once the robot is connected to the App and ready for operation.

Note: Check that you are using the most updated version of the APP. (*The firmware is up-to-date.)

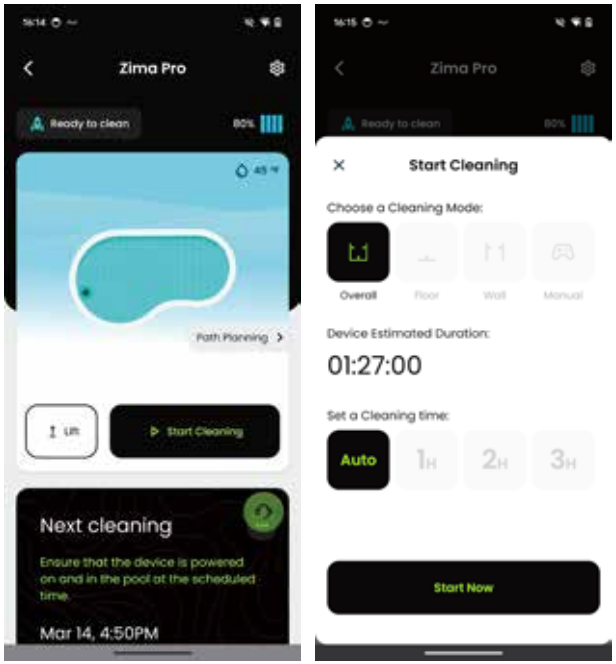
In the App

Overall: Floor and overall cleaning.

Floor: Floor cleaning only.

Wall: Wall cleaning only.

Manual: The user can manually drive, control and use all LED indicator light options.



Note: First it is required to put the cleaning robot in the water to control the running operations with the App. (Zima Pro does NOT work on land.)

Ready to clean
The robot is ready to clean the pool.

Overall cleaning
The robot is in overall-cleaning mode.

Floor cleaning
The robot is in floor-cleaning mode.

Wall cleaning
The robot is in wall-cleaning mode.

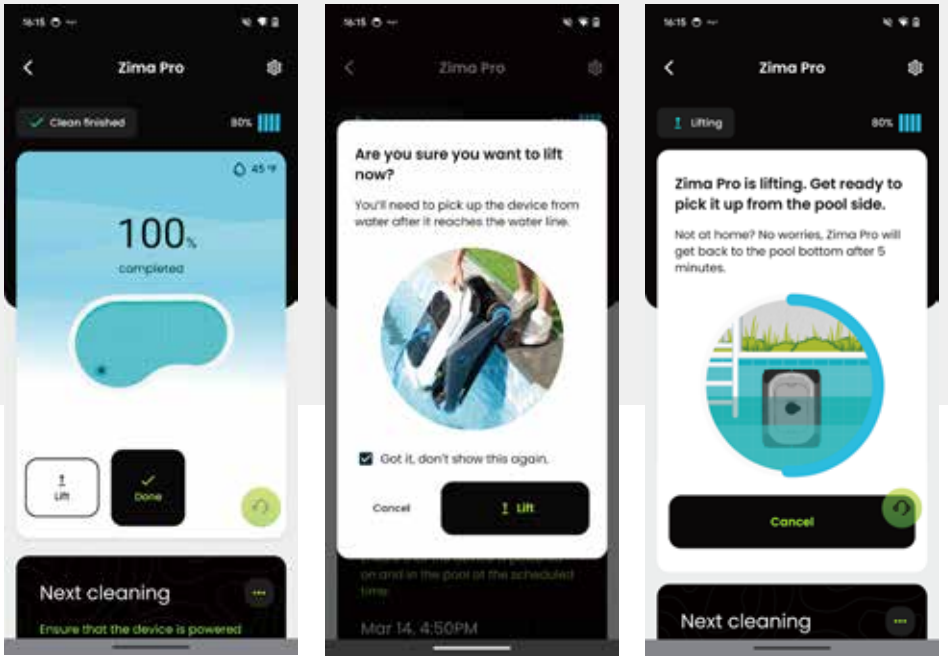
Clean finished
Cleaning is 100% complete.

Flipped over
The robot has flipped over on its back.

Device is stuck
The robot is stuck or not moving.

Lifting
The robot is reaching the waterline.

Offline
The robot is disconnected from Wi-Fi.



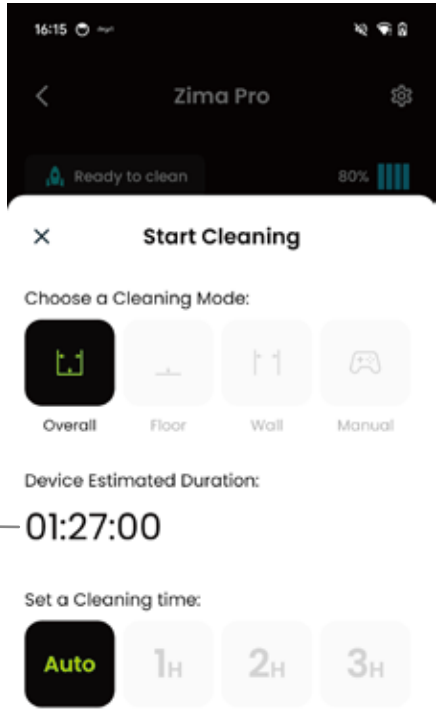


Settings
Allows user to change preferences and look for necessary information.

Battery Life
Indicates the current battery life in percent (%).

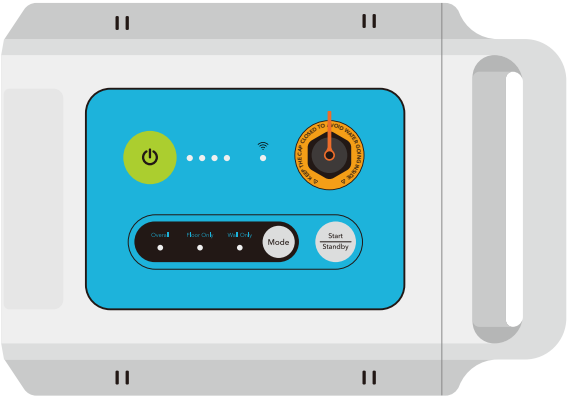
Charging Status
Indicates if the robot is charging or not.

Water Temperature
Indicates the current water temperature.



Timer
Indicates the total cleaning time.

Instructions

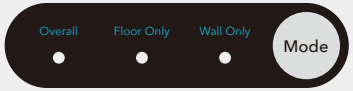


ON/OFF Button
Turns the robot on and off.

Start & Standby
Start or pause the operation.



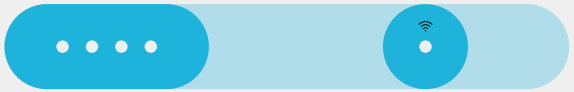
Charging Cap
Open the cap and charge the robot.



Mode
Select the cleaning mode you desire.

Cleaning Mode Indicators

- **Overall:** Floor and wall cleaning.
- **Floor Only:** Floor cleaning only.
- **Wall Only:** Wall and waterline cleaning only.



Battery Life and Charging Indicators

Wi-Fi Connection and Disconnection Indicator

Indicators On the Floating Battery Platform

Power On: Battery,Wi-Fi, and Mode LED lights are on.
Charging Indicator: The battery LED light is blinking.·Battery Life: Four LED lights represent battery life.
Battery is Full: All the battery LED lights are on.
Waiting to Pair: Wi-Fi LED light starts blinking.
Wi-Fi Connection: Wi-Fi LED light is always on.
Wi-Fi Disconnection: Wi-Fi LED light is off.
Wi-Fi Reset Indicator: Turn on the device.Then press and hold the "Mode" button for 5 seconds. Reset is done when the Wi-Fi LED light starts blinking.
Factory Reset Indicator: Turn on the device.Then click and hold the "Start/Standby" button for 5 seconds.Reset is done when all eight indicator lights are on,then off,and the Wi-Fi icon starts blinking.



Front Side LED Lights



Back Side LED Lights

Indicators On the Cleaning Robot

Moving Forward: Two LED lights from the front side are on.
Moving Backward: Two LED lights from the back side are on.
Moving Left: Two LED lights from the left side are on.
Moving Right: Two LED lights from the right side are on.
Disco Mode is On: All the LED lights are in disco mode.
Blinking Mode is On: All the LED lights are blinking.

To turn on and check these LED indicator lights, go to manual mode in the App.

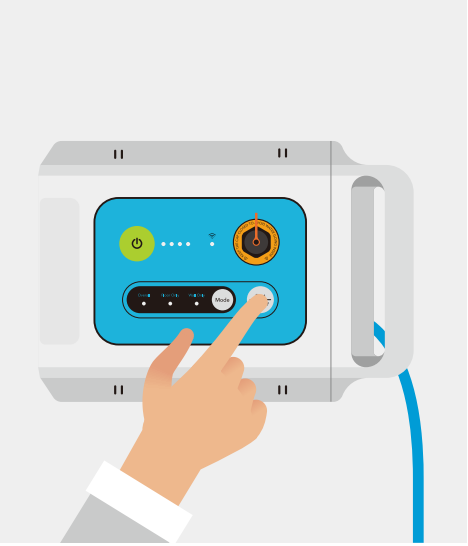
General Cleaning Operations

1. Put the robot into the pool in a vertical position to release any air trapped inside. Make sure the unit sinks to the very bottom of the pool and does not float.



Note: The robot can calculate the total cleaning time based on your pool size. To check the cleaning time, we recommend connecting your robot to the Degrii App.

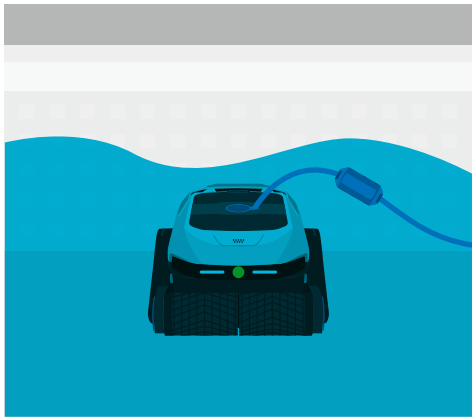
2. Run the robot with the App, Or if you prefer to select the automatic cleaning mode on the Floating Battery Platform, then press the START button. The robot will start cleaning after 15 seconds.



3. Confirm the Floating Battery Platform is free of obstructions.



4. In automatic mode the robot will move to the nearest edge when it completes the cleaning cycle or when the battery life drops to 10%.



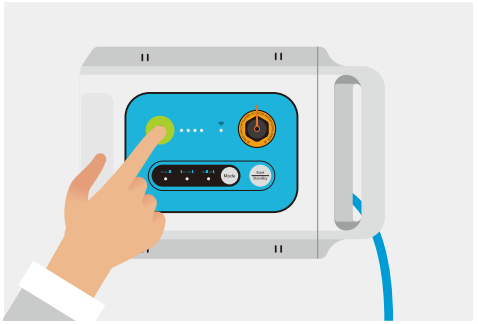
5. If the robot stops in an inaccessible location, use the Manual Mode in the App to bring the robot closer to you.



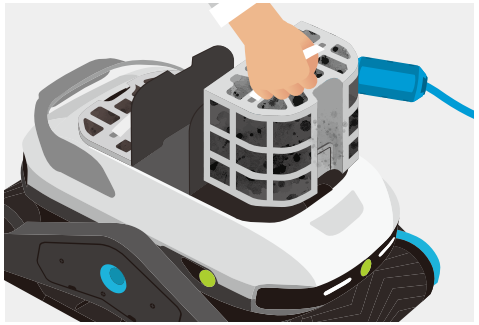
6. When lifting the robot out of the pool, hold it vertically to drain the water out.



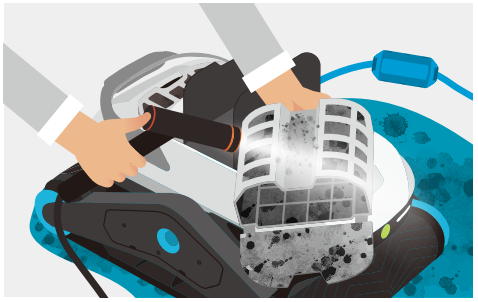
7. To turn the robot OFF, press the ON/OFF button again. No LED light indicates the robot is OFF.



8. Open the filter cover remove the filters from both sides of the robot.



9. Empty all debris from the filter. Then rinse the filter using a water hose with clean water. If the filter is still dirty, clean it with soapy water and a soft bristle brush.

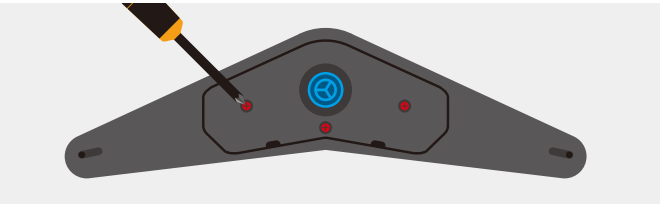


10. Insert the filter back into the robot before closing the cover properly. Store the robot in an arid place where it can dry before the next use. (*Do not dry the ZIMA PRO cleaning robot under direct sunlight.)

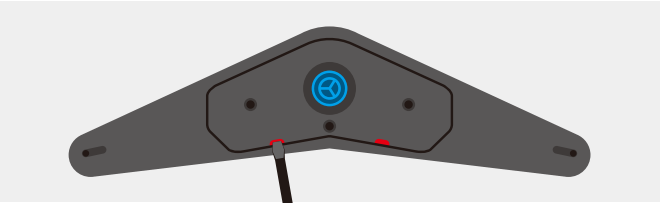


Instructions for Removing and Installing the Side Cover

1. Use a Phillips screwdriver to unscrew the three screws on the inner cover.



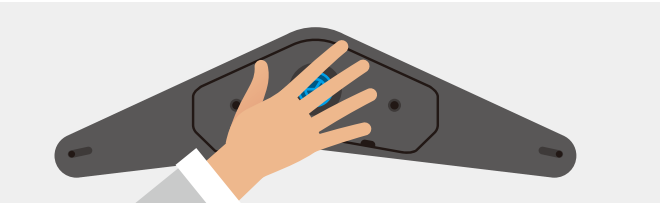
2. Use a flathead screwdriver to remove the inner cover from the bottom.



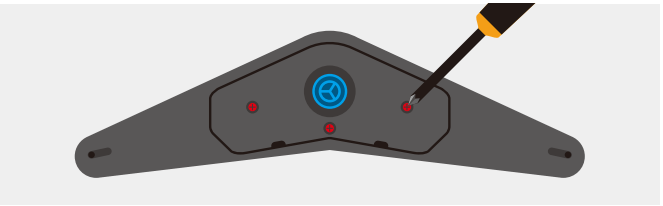
3. Remove any entangled garbage from inside the inner cover.



4. Snap the side cover onto the outer cover using the snap on the top of the inner cover.



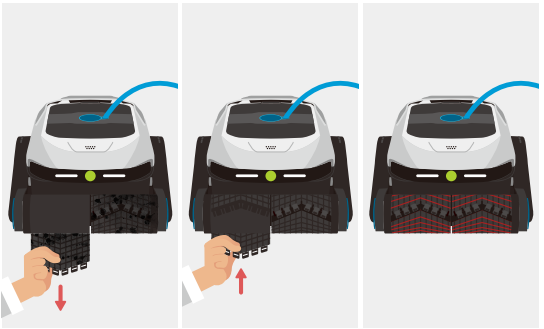
5. Use a Phillips screwdriver to lock and reattach the inner cover.



Replacement Operation

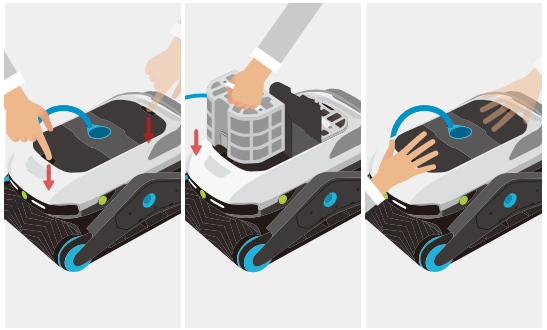
Scrubbing Brushes

1. Unscrew the old scrubbing brushes from both sides of the robot.
2. Wrap the new scrubbing brushes on the roller body by buckling all the buckles one by one.
3. Attach the new brushes to the robot, making certain the direction of the scrubbing brush- es face the V-shape.



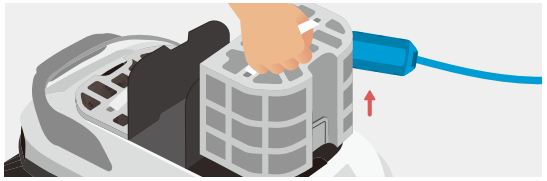
Purification Packs

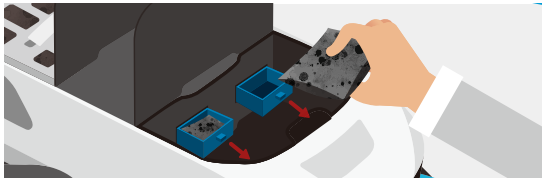
1. Open the filter covers and remove the filters from both sides of the robot.
2. Insert the new filters.
3. Carefully close the filter covers tight.

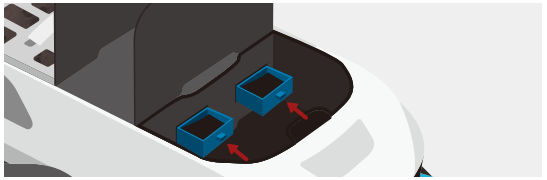


Purification Packs

1. Open the top filter cover from the robot.
2. Open the two drawers carefully and take the old packs out.
3. Put the new purification packs inside the drawers.







Notes:

1. The active charcoal packs remove certainchemicals that are dissolved in water.
2. Go to the App settings to find out the status of the purification charcoal packs.
3. To purchase new charcoal packs subscribe to the Degrii App.
4. Please check the product's specifications and conditions for use carefully on the pack's cover.

Troubleshooting

Problems	Possible Reasons	Workable Solutions
The robot is not powering on.	1. Low battery. 2. The cord is damaged. 3. The robot is defective.	1. Check that the robot has enough charge to turn on. 2. Contact the Degrii customer support team.
The robot does not move and stops working after some time.	1. Lowbattery. 2. An obstacle is blocking the impeller. 3. An obstacle is impeding the movement of the wheel.	1. Confirm the robot has enough battery to perform the action. 2. Carefully open the impeller cover and check that nothing is blocking it. 3. Verify that the wheels can move freely.
The robot is not charging.	1. The charging cord is damaged. 2. You used a different charger.	1. Examine the charging cords for defects. 2. Double check that you are using the original charger.
The robot is moving in circles.	1. The filter is clogged or full. 2. Debris is blocking the impeller.	1. Clean the filter properly. 2. Ensure nothing is blocking the impeller area.
The cleaner doesn't reach all areas of the pool.	1. he pool shape is not regular. 2. The pump or filter system is running.	1. Use manual mode to clean the missing or hard-reaching areas. 2. Turn off the pump and filter system.
The robot doesn't climb the wall.	1. The filter canister is full or too dirty or clogged. 2. The brushes are worn out. 3. There is algae built up. The wall surface is too slippery.	1. Empty and clean all the debris from the filter canister. Ensure the impeller area is clean. 2. Replace the defective scrubbing brush. 3. Brush the algae from the wall. (*When you intend to use the robot at the beginning of the new season, brush the algae from the floor and wall of the pool.)
The robot is not sinking in the water.	Pool dirt has blocked the filter basket so that the air can't be emptied easily.	1. Make sure the filter basket is clean, and there is no debris inside. 2. Fully submerge the cleaner into the water till no air bubbles come out. Then release it to sink down.
The robot moves but does not clean the pool.	The filter basket is full.	Remove and clean all debris from the canister.
The robot is stuck.	Other pool equipment is active and running at the same time as the robot.	1. Make sure to turn off the pool equipment while the robot is running. 2. Use the App to control the robot and move in a different direction.

Problems	Possible Reasons	Workable Solutions
The robot hasn't completed the full runtime specified in the App.	1. The battery is low. 2. The robot is blocked by an object.	1. Make sure to charge it fully to get the specified cleaning time. 2. Make sure there is no object impeding the movement on its way.
The robot had flipped over.	1. The filter cartridge is full.	1. Make sure you emptied all the debris from the filter.
The robot is not connecting to the App.	1. The router is turned off. 2. You changed the route password. 3. Your router is far from the robot. 4. It is not 2.4GHzWi-Fi.	1. Turn on the router. 2. Reset the router with a new password and connect the robot again. 3. Make sure the device is within the Wi-Fi range and the signal is strong. 4. Check if it is 2.4GHz Wi-Fi. Perform factory reset and Wi-Fi reset on the floating battery platform and try again. **Factory reset:** Turn on the robot. Then click and hold the "Start/Standby" button for 5 seconds. Reset is done when all eight indicator lights are on, then off, and the Wi-Fi icon starts blinking. **Wi-Fi reset:** Turn on the robot. Then press and hold the "Mode" button for5 seconds. Reset is done when the Wi-Fi LED light starts blinking.
The robot is offline.	1. Your robot may be turned off. 2. The battery may be out of power.	1. Make sure you turned on the robot. 2. Ensure the battery has enough power.

Product Specification

Product Dimension	55 * 42 * 23.5 cm		
Item Weight	11.8 kg		
Cleaning Mode	Floor, Wall, Overall		
Cleaning Coverage	Up to 450 m²		
Battery Capacity	10000 mAh		
Charging Time	4~5 hours [1]		
Cord Length	3.5 m		
Power	250 W		
Suction Power	80~200 W		
Operating Temperature	0~35 °C		
Storage Temperature	-10~40 °C		
Charger Input	AC 100~240 V 50/60 Hz 1.5 A		
Charger Ouput	25.5 V ⎓ 2.5 A		
Bluetooth/Wi-Fi	Yes		
Temperature sensor	Yes		
Manual Cleaning	Yes		
Manufacturer	Degrii, Inc.		
Bluetooth	2402MHz – 2480MHz, Maximum output power≤10dBm		
2.4G WLAN(EU)	2412MHz – 2472MHz, Maximum output power≤20dBm	**2.4G WLAN(US)**	2412MHz – 2462MHz, Maximum output power≤20dBm

[1] All battery claims depend on pool shapes, surface conditions and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced.

FCC Statement

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.

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.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter, End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

Canada Statement

- English:

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

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

- French:

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux flux RSS exemptés de licence de Innovation, Science et développement économique Canada. L'exploitation est soumise aux deux conditions suivantes:

Cet appareil ne doit pas causer d'interférences.

Ce dispositif doit accepter toute interférence, y compris toute interférence pouvant causer un fonctionnement indésirable du dispositif

Les antennes utilisées pour cet émetteur doivent être installées pour assurer une distance de séparation d'au moins 20 cm par rapport à toutes les personnes et ne doivent pas être localisées ou fonctionner conjointement avec d'autres antennes ou émetteurs. Les utilisateurs doivent avoir des conditions de fonctionnement de l'émetteur pour satisfaire à la conformité à l'exposition RF.

Caution

Read the manual and follow the instructions accordingly. In case of inappropriate use, Degrii is not liable for losses or injuries.

1. The Pool cleaner must be installed and operated as specified.
2. This device must be installed to provide a separation distance of at least 20cm from all per- sons and must not be co-located or operating in conjunction with any other antenna or trans- mitter.
3. Under Industry Canada/Europe/Australia regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Indus- try Canada/Europe/Australia.
4. Any changes or modifications not expressly approved by the party responsible for compli- ance could void the user's authority to operate the device.
5. When not in use, please store the pool cleaner in a shaded area, away from direct sunshine or any heat source. (We recommend taking the cleaner out of the water after each use).
6. Always clean the filter canister after each use. Do not let the filter baskets dry out before cleaning.
7. Don't run the cleaner when it is not in the water.
8. If any parts of the robot's exterior are damaged, the broken areas may pose a risk of causing damage to your pool or pool liner. Please promptly contact the Degrii after-sales team to replace any damaged components.
9. Use the pool cleaner in the following water condition:

Water temperature	5 - 35 °C
pH level	7.0 - 7.8
Cl level	Max 4 ppm