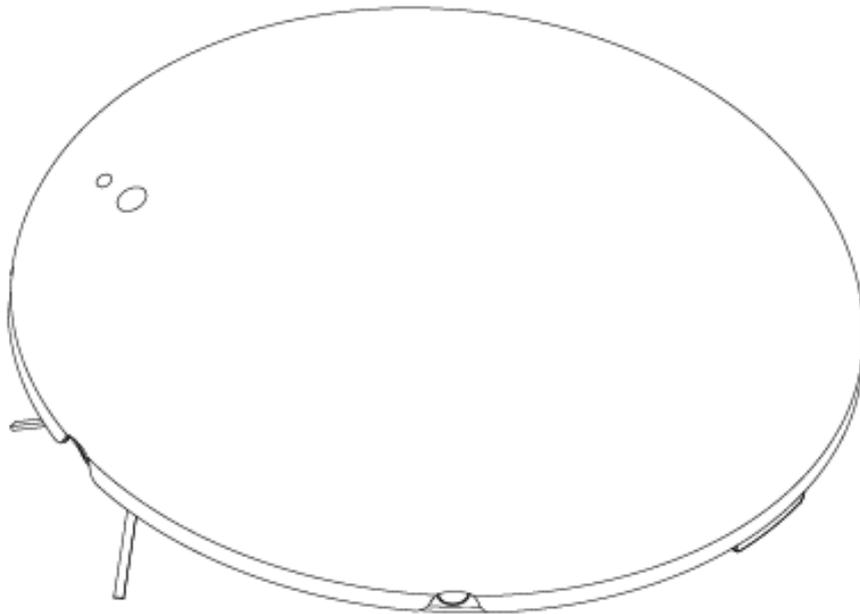




eiQ-C22EW WIFI Robot Vacuum Cleaner  
with HEPA filter and  
self-charging home dock  
**USER MANUAL**



Thank you for choosing ElectriQ  
Please read this user manual before using this robotic vacuum cleaner  
and keep it safe for future reference.  
Visit our page [www.electriQ.co.uk](http://www.electriQ.co.uk) for our entire range of Intelligent Electricals

# CONTENTS

<b>FEATURES</b>	<b>3</b>
<b>SAFETY INSTRUCTIONS</b>	<b>3</b>
<b>PARTS</b>	<b>5</b>
<b>PRODUCT DIAGRAMS</b>	<b>6</b>
<b>FEATURES AND CLEANING MODES</b>	<b>6</b>
<b>BATTERY INSTALLATION AND REMOVAL</b>	<b>8</b>
<b>CHARGING DOCK</b>	<b>9</b>
<b>PAIRING THE CHARGING DOCK</b>	<b>10</b>
<b>SIDE BRUSH FITTING AND REMOVAL</b>	<b>10</b>
<b>ZONE DIVIDER (Optional Extra – Available Separately)</b>	<b>11</b>
<b>GENERAL OPERATION</b>	<b>12</b>
<b>REMOTE CONTROL</b>	<b>12</b>
<b>CONNECTING VIA THE APP</b>	<b>13</b>
<b>CLEANING AND MAINTENANCE</b>	<b>15</b>
<b>TROUBLESHOOTING</b>	<b>16</b>
<b>SPECIFICATION</b>	<b>17</b>

## **FEATURES**

ElectriQ brings you an easy to use robot vacuum cleaner that works both on hard floor surfaces and carpets. This is not just sweeper but a real vacuum cleaner with powerful suction and the latest dual side brush system.

You can now enjoy your personal time while the robot will clean for you.

With a slim profile at only 7.0 cm height and 27 cm diameter, this time saving device will get in hard to reach places, including under furniture where other robots or vacuum cleaners will fail to operate.

Simple operation with the supplied remote control, as well as the option of controlling it through easy to use apps for both android and ios.

Easy to use due to automated cleaning pattern, your robot benefits from an advanced cleaning algorithm that ensure that maximum effective cleaning is achieved with minimum iterations. There are five advanced programs in operation that will advance from spot cleaning, identifying the walls, pattern cleaning, around the wall cleaning, systematic inline cleaning and even an under bed / sofa program. According to the set timer the programs will be intelligently combined for maximum cleaning efficiency.

Two extra-long side brushes around the outer edges ensure that dirt is gathered even from corners and borders. The middle suction vacuum will ensure dirt and debris are efficiently collected.

This robot features smart ultrasonic navigation sensors ensuring large 200 degrees beam in front of the robot to avoid collision ensuring it stops before bumping into objects. There are also cliff sensors that will stop the robot from falling of any steps. Great on hard floors and on low and medium pile carpets, the robot will transition between most hard floor / carpets setups. Easy to empty bag less sealed dust container.

This robot vacuum features an easy to clean HEPA filter that will improve air quality in your household during the cleaning operation.

## **SAFETY INSTRUCTIONS**

### **Important**

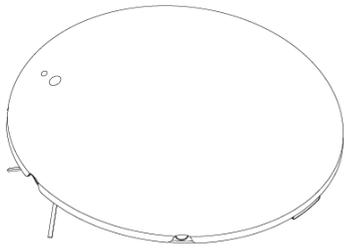
- Carefully read the instructions before operating the unit. Please retain the manual for future reference
- This appliance is for indoor use only.
- Rating: This unit must be only connected to a 100-240 V / 50 Hz earthed outlet. Always check the rating label against your electrical supply.
- If you are in any doubt about the suitability of your electrical supply have it checked and, if necessary, retested by a qualified electrician.

- This robotic vacuum cleaner has been tested and is safe to use. However, as with any electrical appliances - use it with care.
- Disconnect the power plug from unit before dismantling, assembling or cleaning.
- Do not clean the unit by spraying it or immersing it in water.
- Never operate this appliance if the cord or power supply is damaged. Ensure the power cord is not stretched or exposed to sharp object / edges.
- Do not use the appliance if any part or any accessory is damaged or defective.
- A damaged power supply should be replaced only with original parts from the manufacturer.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, or any other objects while the machine is in operation.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. It is also not intended for use by those with a lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Do not leave children or animals unsupervised with this appliance.
- Only use an original battery or charger from the manufacturer, any third party components may damage the unit.
- Any service other than regular cleaning should only be performed by an authorized service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for anything other than its intended purpose.
- Do not use the appliance in places with high humidity (>80%RH)
- Do not immerse the robot in water or other liquids. If the robot is immersed in water or other liquids by mistake, do not touch it with your hands. If the appliance is immersed in water or other liquids, discard it. Do not use if you liquids have been spilt on the floor.
- Do not use to clean printer toner spilt on the floor as this could cause fire.
- Before using the robot cleaner, remove any fragile objects from the floor e.g. glasses, bottles, candles, lamps. Also remove any sharp metals, needles, nails, sharp glass pieces or any other objects that could block or damage the robot
- Do not place any object on the top of the robotic cleaner
- Do not leave any fragile objects on the side of tables, cabinets etc where the robot could bump into and cause them to fall.

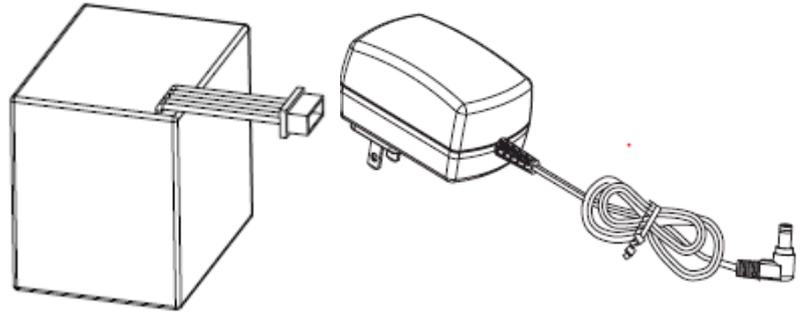
#### **Unit Safety Protection and Performance Tips**

- Make sure the unit is assembled correctly before use
- Charge for 24 hours before operating for the first time. If not using the robot for a long time please fully charge and remove the battery
- Clean the robot and brushes regularly. Empty and vacuum the dust container
- If the robot become entangled, remove brushes, clean the debris and reassemble

**PARTS**



**1. Robot Vacuum Cleaner**

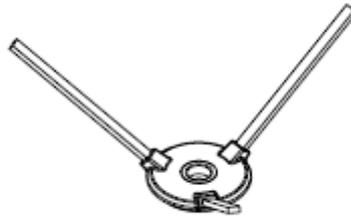


**2. Battery**

**3. DC Power Adaptor**



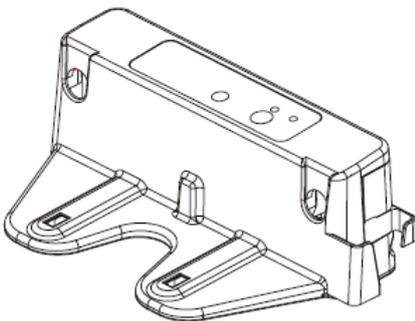
**4. HEPA Filter**



**5. Side Brush**

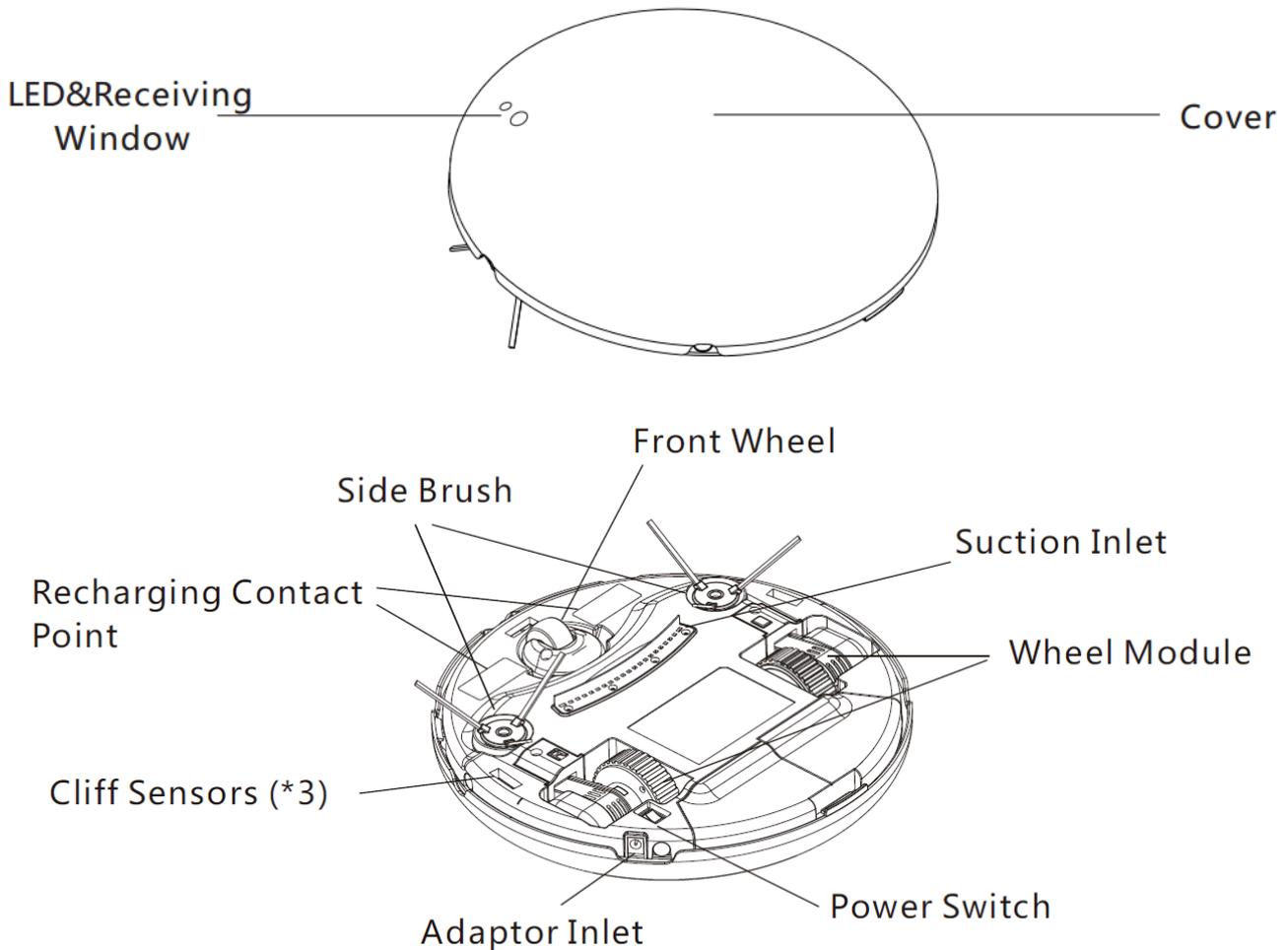


**6. Remote**



**7. Charging Base**

## DIAGRAMS



## FEATURES AND CLEANING MODES

### Robotic Features

1. Home Dock — Auto cleaning with scheduler (Through App) & auto recharge when low on battery.
2. Ultrasonic navigation with obstacle detection
3. Ultrasonic collision detection
4. Anti-falling cliff detection sensor
5. Ultrasonic dirt / dust sensors — when is dirty area is detected, the robot will perform detail cleaning using spiral mode
6. Supports an Ultrasonic zone divider (Available Separately) — can be use if needed to limit the access of the robotic vacuum cleaner in certain areas.
7. Remote

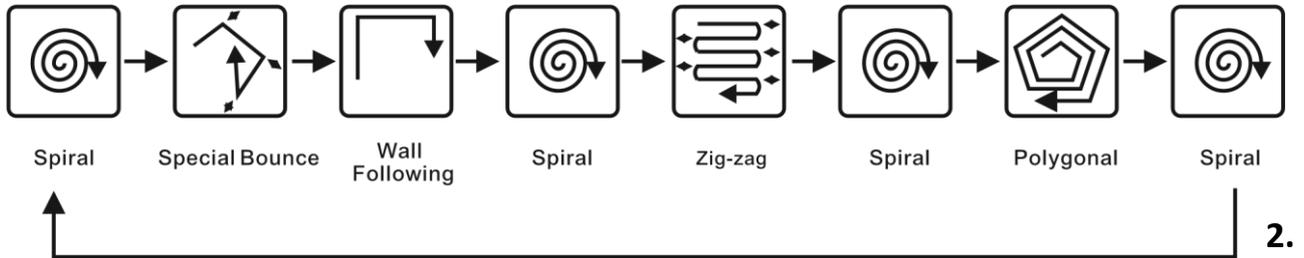
### Cleaning Features

1. Side brushes and powerful suction inlet — powerful suction and full coverage of cleaning.
2. Floating Roller Brush — allows the roller brush and suction to stay close to the ground, covers all the dead spot while having full suction power.
3. Debris Filter & HEPA Filter — Debris filter holds normal debris and extends HEPA filter life span. High efficiency particulate air filter traps the fine particles which trigger allergy and asthma symptoms.

## CLEANING MODES

### 1. Auto Mode

Once the robot is activated without specific cleaning instructions, it will automatically execute the auto function by repeating the five different modes. The combination of different cleaning patterns will ensure the robot finishes the cleaning of any given space or area.



### Manual Mode

Users can manually instruct the robot to perform any specific cleaning pattern depending on the different spaces to be cleaned.

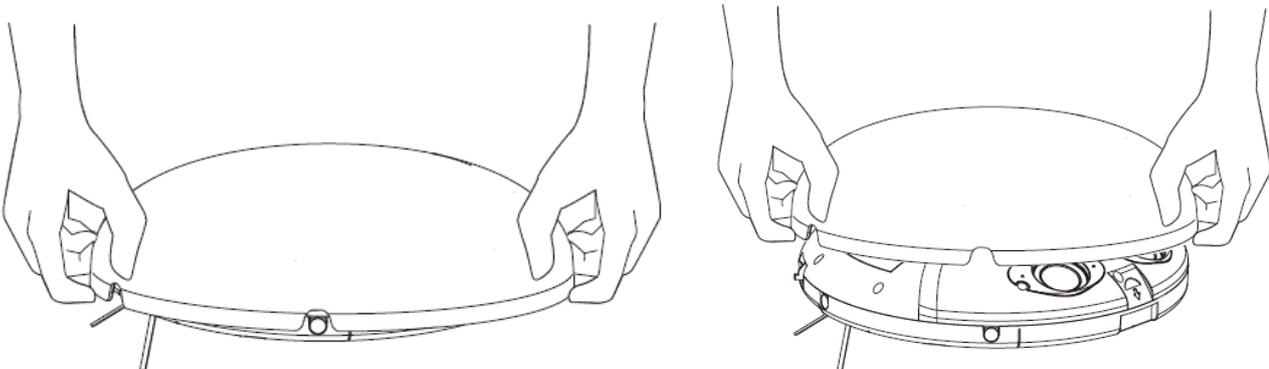
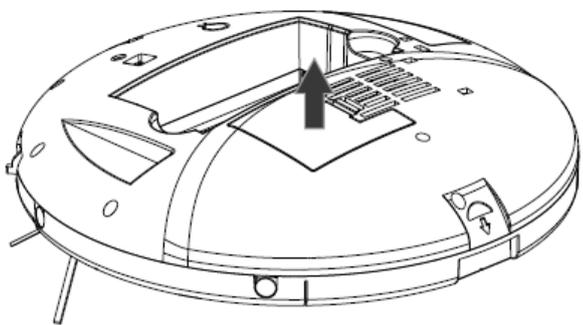
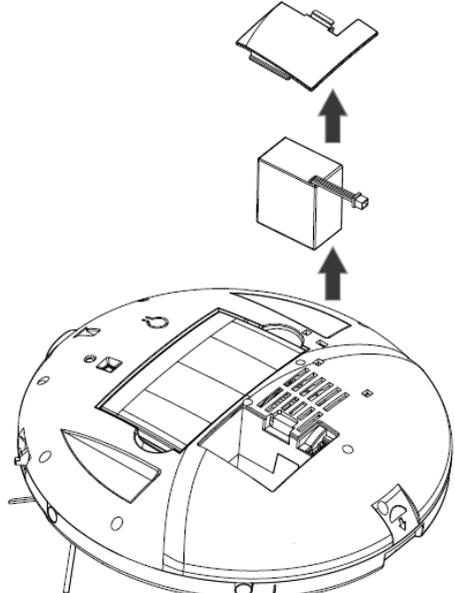
### Notes:

1. The robot is suitable for hard floor and low to medium pile carpet.
2. This robot is not suitable for very uneven surfaces. Do not use in long pile/thick carpet. Fold carpet fringes under the carpet before starting operation
3. Please note that this robot will collect dust and small particles. It will not clean paper, plastic bags and other large debris. It will get entangled in wires, so please declutter floor surfaces before using
4. Do not leave bottles, lamps or other breakables on the floor
5. Do not use in tight spaces less than 38 cm wide as the robot may get blocked
6. Do not use on wet or greasy dust.

## BATTERY INSTALLATION AND REMOVAL

The robot battery is user replaceable. If the battery stops holding its charge, please re-order a replacement from the manufacturer or retailer.

To remove the battery, please follow the steps below:

1. Remove the top cover from the robot vacuum cleaner	
	
2. Remove the battery cover	3. Disconnect the connections of the battery from the vacuum cleaner and remove
	

Once the battery has been removed, a replacement can be fitted by following the steps above in reverse.

### Charging

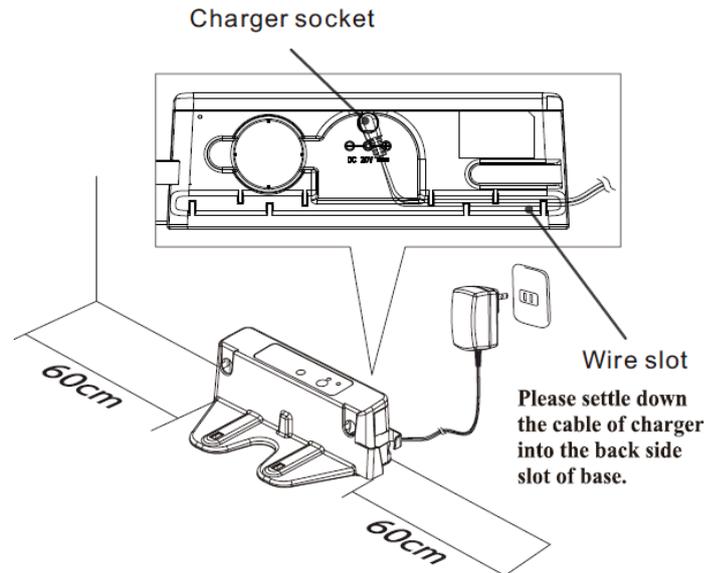
If the robot shuts down while working or the battery indicator flashes, please charge the robot immediately. When the robot completes its cleaning cycle or the battery level is low, the robot will return to its dock automatically as long as there is enough power left to do this.

1. Plug the charger into the power outlet. Insert the power cable into the docking station and place the robot onto the docking station to charge
2. The power plug can be inserted on the side of the robot. If the battery indicator flashes, it means the robot is charging normally.

## CHARGING DOCK

The charging dock must be positioned on an even floor surface against a wall with at least a 60 cm (2 ft) clearance around. Connect the AC adaptor to the power socket on the rear side of the dock or robot. Only use the AC adaptor provided by the manufacturer.

The LCD display on the charging dock will turn on when it is plugged in. Always keep the dock plugged in.



### Docking Test

Leave the robot on the floor somewhere near the dock. Press the "Home" button on the remote control. The robot will return to the dock automatically.

If the robot fails to dock, check the installation process to make the necessary adjustments to the docking station until the robot can dock properly.

### Robot Battery Recharge

When the Power Button on the robot blinks red, this indicates that the battery level is low. The robot will shut down the vacuum engine and go back to the recharging home dock. The AC adaptor can be plugged into the robot directly to recharge the battery.

When the battery is fully recharged, the Power Button will light up a solid blue. The recharging process takes around 3 hours.

### Robot Battery Care

A high capacity rechargeable battery pack is used in this robot. The battery can last for hundreds of recharging cycles if it is properly cared for.

Recharge the battery as soon as the robot is used. Keep the robot charged when not in use.

If the robot will not be used for a longer period of time, remove the battery from the robot and store it in a cool and dry place.

### Notes:

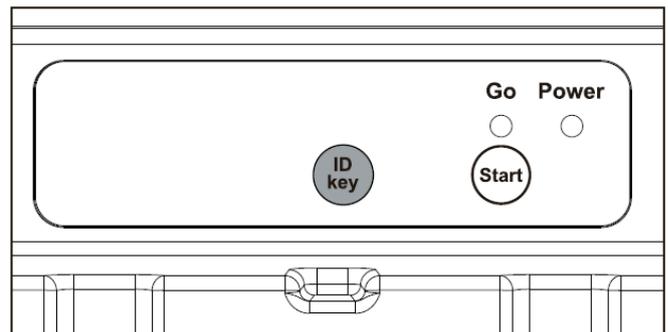
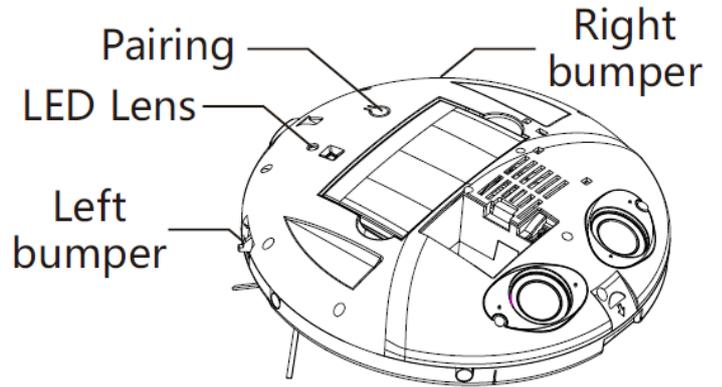
1. Charge the robot for at least 24 hours before the first use.
2. Each time the battery is fully depleted charge for at least 3 hours.
3. Never use the robot in temperatures less than 0°C or over 40°C as this will reduce the battery life and performance.
4. It is normal for the temperature of the charger to increase during the charging process

**Notes:** All the settings are disabled while battery is charging.

## PAIRING THE CHARGING DOCK

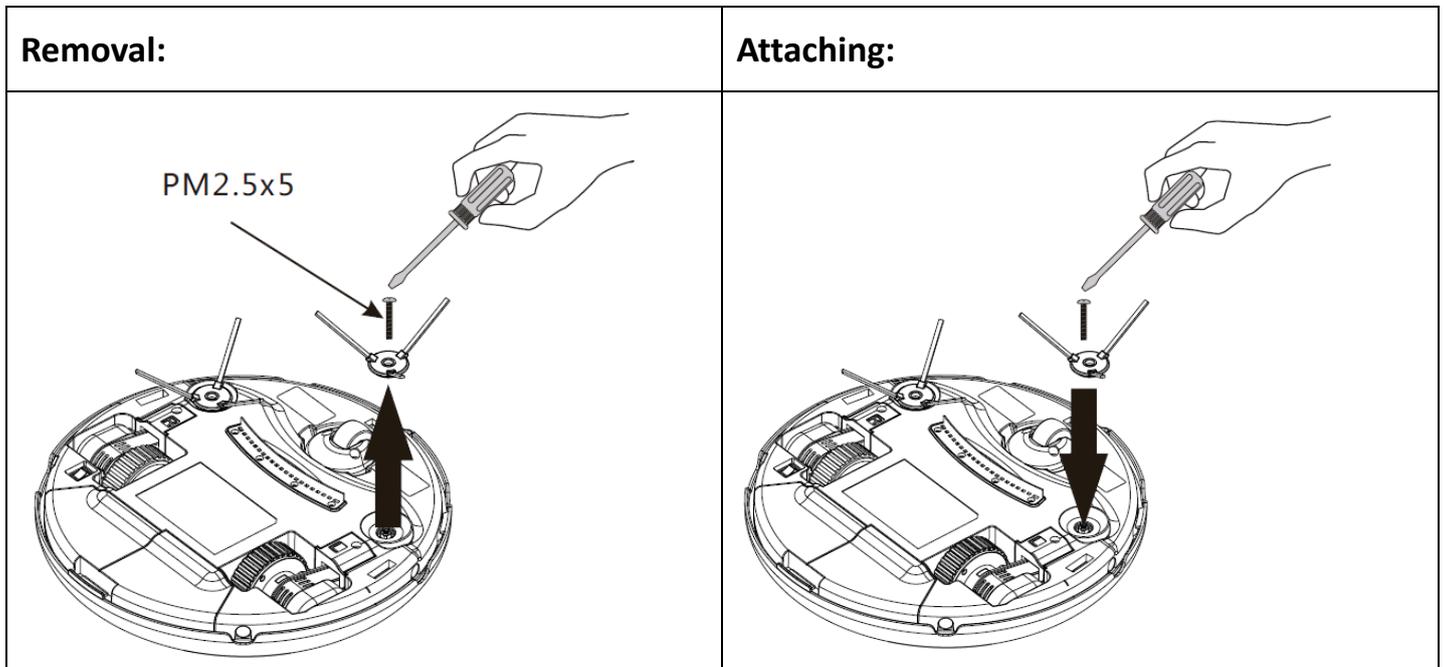
The charging base provided with your robot vacuum cleaner comes paired to the cleaner, but there are times when the dock may require manually pairing. This would be the case if the dock was replaced, or an additional charging dock is added.

To do this, the top cover should be removed (As shown in the battery replacement section). The Vacuum cleaner should then be turned on and the Pairing button pressed twice, so that the LED on the vacuum is flashing Red. The ID key on the charging base should be held down, and a long beep will sound to indicate the pairing was successful. The left bumper should then be pressed, to save and exit the pairing mode.

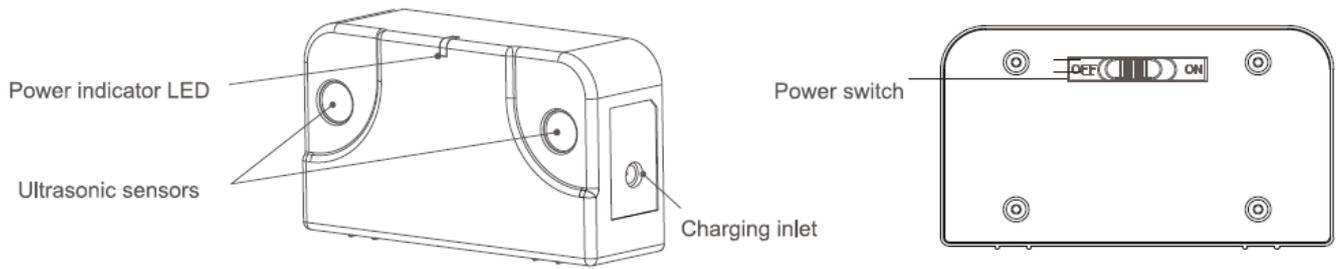


## SIDE BRUSH FITTING AND REMOVAL

The spinning side brushes are attached by a single bolt. They can be easily removed and reattached, should they need replacing, or in the case of them becoming tangled.

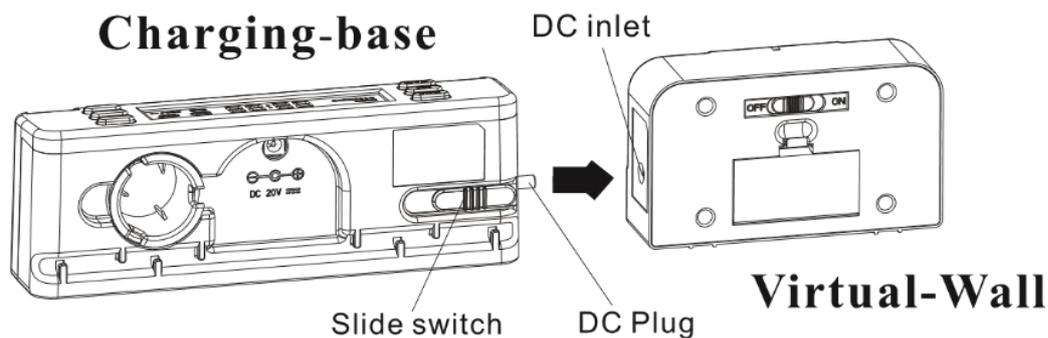


## ZONE DIVIDER (Available Separately)



The zone divider is available separately from the same retailer as the Robotic vacuum cleaner. It creates an invisible ultrasonic barrier (Virtual Wall) that the robot vacuum cleaner will not cross.

1. The zone divider is powered by 2 AA batteries. Make sure to install the AA batteries with the correct polarity.
2. To turn on the zone divider, slide the power switch to "ON" position.
3. When turned on, the blue LED light blinks for 70 seconds, then turns into standby mode. When the robot vacuum cleaner starts working, the Virtual Wall will turn on and shows blue LED light.
4. The best effective distance of Virtual Wall barrier is about 2.5M
5. The LED light will blink when the Zone Divider is low on battery.

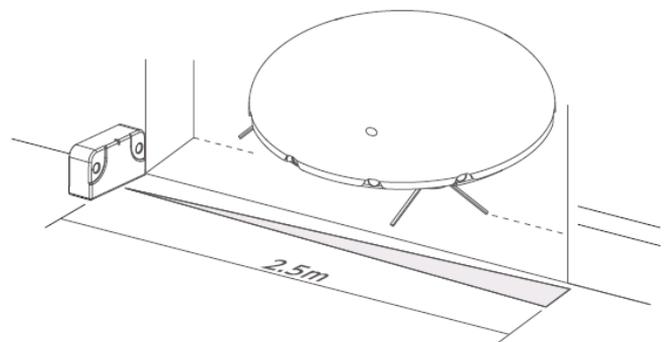


You can charge the zone divider battery by plugging the zone divider into charging base (when rechargeable batteries are installed), please see the figure above.

Step 1: The power switch of Zone Divider must set to "ON" position. Step 2: Press and slide out the DC Plug from charging dock.

Step 3: Plug the DC Plug into DC Inlet, the LED light will blink. Step 4: When recharge is complete, LED will glow continuously.

6. When the robot vacuum is cleaning, the zone divider must be positioned at least 1m (3 ft) away from charging dock and must not be facing the charging dock.



7. When the robot completes the cleaning cycle you can power off the zone divider by sliding the power switch to "OFF" position. When the robot detects the invisible barrier, it will turn around and move to another direction.

## GENERAL OPERATION

### Power switch

The power switch on the underside of the robot vacuum cleaner can be used to turn the unit on and off. When the unit is turned on, the indicator LED light on the unit will illuminate to show the battery status, as shown in the table below:

Indicator LED Light	System Status
Red led blinking	Battery Level is low
Blue led blinking	The battery is recharging
Solid Blue	The battery is fully recharged
Solid Red	Fault

## REMOTE CONTROL

	<p><b>Power:</b> Turn ON/OFF the robot. Other buttons only function after the power button has been pressed to start the robot.</p> <p><b>Start/Stop</b> When you turn on the power switch, the robot is standby, you need press the start/stop button to start/stop the robot. Default cleaning mode is auto mode.</p> <p><b>Directions:</b> Move the robot towards desired direction; hold the key to continue moving.</p> <p><b>Spiral:</b> While in auto mode if this key is pressed the robot will start spiral cleaning mode, starting at a spot, working away from it in a spiral.</p> <p><b>Zig-Zag:</b> While in auto mode if this key is pressed the robot will start the zig-zag cleaning mode, covering the floor space by working in a zig-zag pattern</p> <p><b>Home:</b> Press to return the robot to Charging Base.</p>
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## CONNECTING VIA THE APP

Your Robot vacuum cleaner also has the ability to be controlled over Wifi from your smart phone. The first step is to download the correct app. The IOS version is available from itunes by searching for "ERC-283" and the Android version is available on the play store by searching for "ERC-283". Alternatively they can be downloaded using the QR codes below:



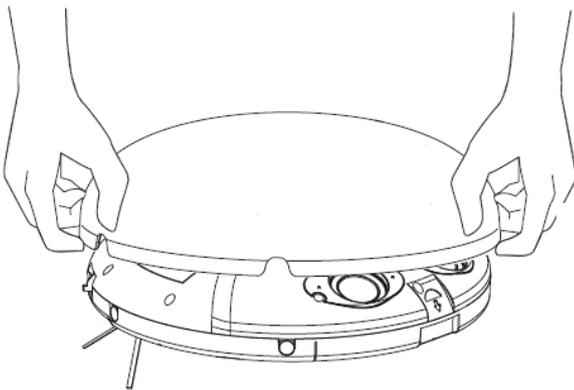
Android



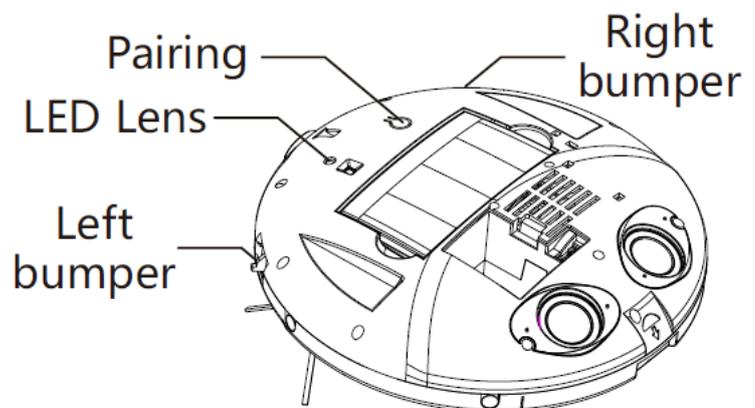
IOS

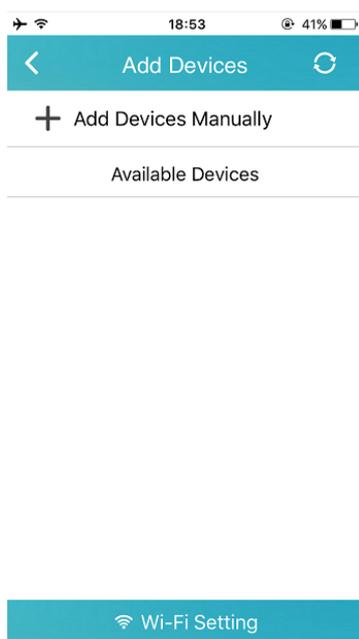
### Connecting your Robot to your Wifi

Before starting, ensure you have installed the correct app to your phone, and that your phone is connected to your wifi network. It is advisable to turn off your mobile data while carrying this out.

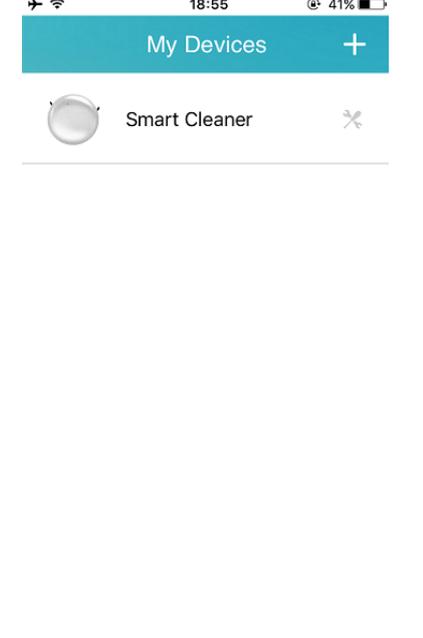
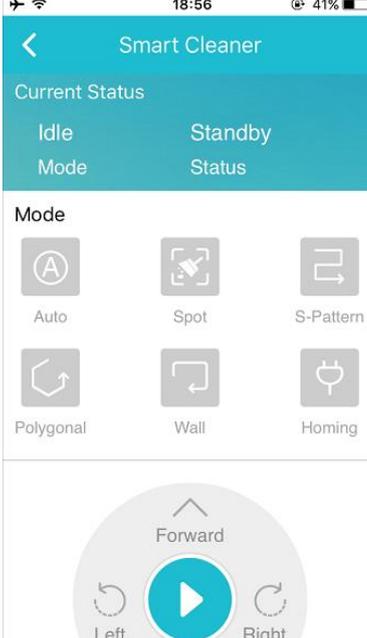
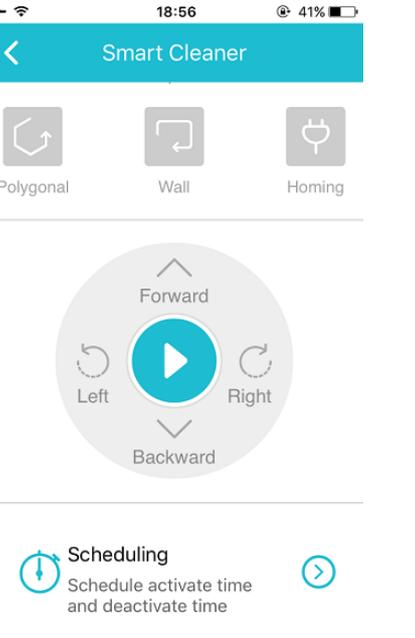


Move your vacuum close to your router, remove the lid, and press the pairing button once, so the LED light flashes Red and Blue



<p>Open the app and press on the plus in the top right hand corner.</p>	<p>Select Wi-Fi setting at the bottom of the screen</p>	<p>Enter your wifi password into the box, and press next (Please note the password is case sensitive). This will now take up to 60 seconds to connect your Robot to your network. Click confirm when finished</p>
		

### Controlling your Cleaner

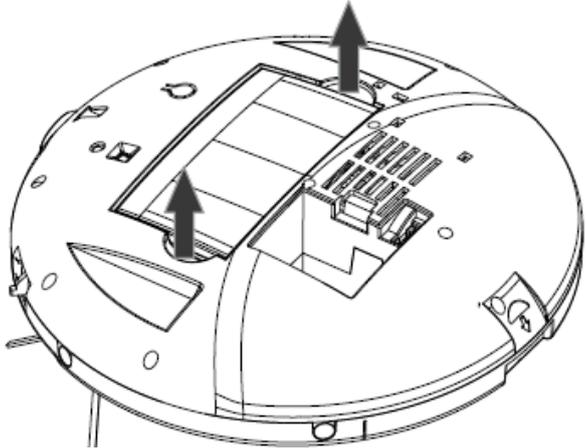
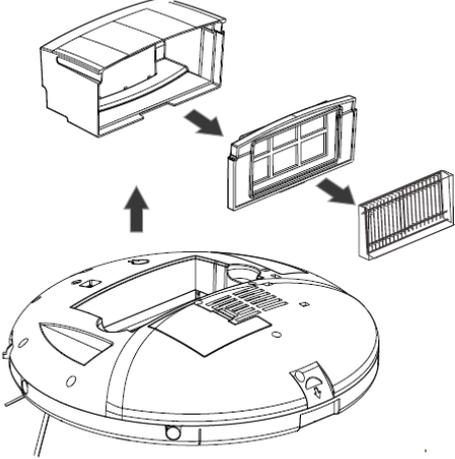
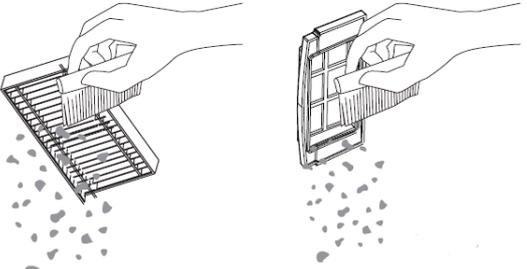
<p>Press the device from the "My Device" List</p>	<p>You are then presented with all the controls for the device including specifying cleaning patterns and setting up a cleaning schedule.</p>	
		

## CLEANING AND MAINTENANCE

1. Make sure the unit is unplugged before performing any cleaning operation.
2. Before first use and continuing after each use, wipe the unit with a damp cloth and dry thoroughly.
3. Clean all the brushes and empty the rubbish container. Vacuum or wipe the inside of the container with a cleaning wipe.
4. DO NOT immerse the robot or the power supply in any liquid.
5. Reassemble the unit following the instructions and charge it before the next use.
6. Store the robot in a cool and dry place.

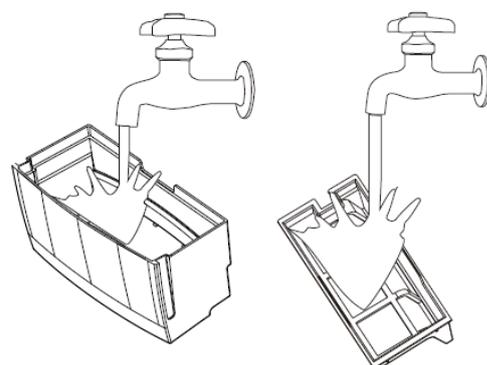
### Dust bin and filter cleaning

#### Basic Cleaning

<b>1. Remove the dust bin</b>	<b>2. Remove the debris filter</b>
	
<b>3. Empty all dust from the dust bin</b>	<b>4. Use the supplied brush to clean out the dust filter and the debris filter</b>
	

#### Deep Cleaning

1. Carefully separate the dust compartment from the robot body.
2. Gently wash the dust compartment and debris filter.



3. Wipe them thoroughly with a cloth and let it rest until completely dry

## Wheels and Sensor

1. Check and remove all debris and dirt

2. There are three ground sensors. Please clean them gently using a wet cloth or tissue. Do not use any solvents as they may damage the sensors.

3. Please check the side brushes for damage and debris. If hair or other debris are trapped please unclick the brushes and remove them. Please change the side brushes if they are damaged. Only use parts provided by the manufacturer.

## TROUBLESHOOTING

Please read this instruction manual carefully before you send the robot to the service centre

Problem	Cause	Solution
Red error led on	Sensor malfunction or system jammed	Check the sensors, wheels and top cover for issues
The Robot cannot power on	The battery is not installed or is installed incorrectly	Check if the battery is still in good condition and installed correctly
Remote control malfunction	The transparent film is not taken off The battery is not correctly installed or the battery strength is too low	Tear off the transparent film Check the installation of the battery or replace the battery
The robot fails to return to the dock	The dock is not properly placed There are obstacles between the dock and the Robot The robot is stuck or jammed The dock is not paired with the dock	Place the dock in a proper location and leave sufficient clearance space for the Robot to return to it Remove any obstacles in front of the dock Check and clean the Robot's wheels Follow the steps to pair the dock
The Robot does not charge	AC power is not plugged in. The Robot is not correctly docked The battery is over-heating	Plug the AC jacket onto the dock firmly. When the robot is docked, please make sure the Robot is properly placed. Do recharge for at least 60 minutes until the battery has cooled down.
Rolling brush or side brush do not work	Brushes get stuck by debris or hair	Clean the brushes
The Robot does not start cleaning after it is fully recharged	The "Auto" function is not set correctly. The battery is over-heating	Check the schedule setting section and reset the "Auto" function Do recharge for at least 60 minutes until battery cooled down.

The Robot keeps moving backward or turning around	Cliff sensors are blocked or covered by dust	Wipe all sensors with a dry clean cloth.
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## PRODUCT SPECIFICATIONS

Power supply	<b>Input:</b> 100-240V AC 50-60Hz <b>Output:</b> 20V DC, 1 A
Rechargeable battery	Li-Po 14.8 V, 1200MAH
Charging time	2.5 hrs
Operating Time	Max 60 min.
Dustbin capacity	0.25 l
Dimension (wxdxh)	270x270x70 mm
Net weight	1.6 kgs



**Disposal:** Do not dispose this product as unsorted waste. Collection of such waste must be handled separately as special treatment is necessary.

Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.

## ElectriQ UK SUPPORT

[www.ElectriQ.co.uk/support](http://www.ElectriQ.co.uk/support)

If the unit still fails to operate call: 0871 620 1057 or complete the online form

**Office hours: 9AM - 5PM Monday to Friday**

**[www.ElectriQ.co.uk](http://www.ElectriQ.co.uk)**

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