electric user manual



Robot Vacuum Cleaner With Auto Empty Dock and Smart App

iQlean-LR02C30

Thank you for choosing this electriQ robot vacuum cleaner. The instruction manual is designed to provide you with all the required instructions related to the use and maintenance of this appliance. In order to operate the unit correctly and safely, please read this instruction manual carefully before use.

SETTLING IN OK?

We hope this has been helpful to you.

We would love to see how you're getting on with your new purchase, so please share any snaps you have on the platform of your choice below.

Our community awaits your uploads - Snap, tag and hashtag away!



#electriQUK

WE'RE HERE TO HELP

Should you have any problems or questions with your purchase, please contact a member of our customer service team.

© 0330 390 3061

support@electriQ.co.uk

Mon-Fri | 9am to 5pm

Unit J6, Lowfields Business Park, Lowfields Way, Elland West Yorkshire, HX5 9DA

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SAFETY PRECAUTIONS

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 220-240 V, 50/60 Hz 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, tested by a qualified electrician.
- This robotic vacuum cleaner has been tested and is safe to use. However, as with any electrical appliance - use it with care.
- Disconnect the power plug from the 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 objects / edges.
- Do not use the appliance if any part or accessory is damaged or defective.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, or any other objects into the robot while robot 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 the original battery and charging base from the manufacturer, any third-party components may damage the unit.
- Any service other than regular cleaning should be performed by an authorised service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any purpose other than its intended use.
- 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 by mistake, do not touch it with your hands. The unit must not be used and should be disposed of responsibly.
- Do not use if liquids are on the floor.
- Do not use in an environment where there is a risk of fire or explosion.
- Do not use to clean printer toner spilt on the floor as this could cause a fire.

- Before using the robot cleaner, remove any fragile objects from the floor e.g. glasses, bottles, candles, lamps. Also remove any sharp metals, 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 the tables, cabinets etc where the robot could bump into and cause them to fall.

UNIT SAFETY PROTECTION AND PERFORMANCE TIPS

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

BATTERY CARE

- Ensure that the battery is kept charged. If the battery is exhausted it should be charged ASAP.
- Only use the charging base or the specified charger for charging the battery, other chargers may damage the battery and pose a risk of fire.
- Only use genuine replacement batteries.
- If the unit is not going to be used for a while, it should be fully charged, switched off, and the battery disconnected, to help prevent deterioration of the battery.

PRODUCT OVERVIEW

Your robot vacuum cleaner is designed for cleaning homes, hotel rooms and small offices. It provides excellent cleaning for a variety of floor types including:

- Wooden floors
- Tiled floors
- Stone floors
- Short-pile carpets (less than 2cm deep)

FEATURES OF YOUR ROBOT VACUUM CLEANER

- Smart cleaning modes designed to suit your different cleaning needs.
- Great cleaning efficiency and power saving.
- Charging base both recharges the vacuum's battery and unloads the robot's dust into its own dust box for ease of emptying.
- User-friendly design press the power button to start cleaning, follow the Voice Prompt to get the robot working for you.
- Dust box and pre-filter can be easily rinsed under the tap.

PARTS LIST



Robot



Remote Control



Charging Base



Water Tank



2x AAA batteries (Not Included)



2 x Mop



HEPA and Sponge Filter



2 x Side Brushes (Pairs)

PRODUCT DIAGRAMS MAIN BODY (TOP) Bumper 00 **Control Panel** Wi-Fi Indicator Laser Module MAIN BODY (UNDERSIDE) Charging Front Wheel Contacts Side Brush **Battery Cover** Side Wheel Suction Port / Main Brush Dust Box **Dust Collection** Port **MAIN BODY** Dust Box / Water Tank **Release Button** DC Power Jack DIG **Power Switch**



SETTING UP THE CHARGING BASE / DUST BOX



Place the charging base within 5 cm of the back wall with no objects 1 m to either side and 2 m in front.

Keep away from strongly reflective surfaces such as mirrors.

Once the base is positioned, it can be plugged in to a suitable socket.

Fit the dust bag into the charging base, by opening the lid, and slide the cardboard handle on the bag into the slot on the left-hand side within the dust box. The status indicator on the front of the vacuum will go from flashing red, to a constant white light to show the bag is inserted properly.

Note: Ensure that the dust bag is connected the correct way around with the handle facing up.



DUST BOX STATUS INDICATOR

LED	Reason
Fast Flashing Red	Dust bag not installed properly.
Slow Flashing Red	Suction pipe blocked. Check dust bag is inserted correctly and for any blockage.
Constant White	Dust box is operational
Rapid Flash White	Dust collection complete.
Slow Flash White	Charging base available / robot on charge.

SETTING UP THE ROBOT

Remove the dust box from the rear of the robot by pressing the release button on the rear of the dust box, and sliding the dust box out of the robot.





Open the hatch on the top of the dust box. Insert the Sponge filter first, followed by the HEPA filter, ensuring that the tags on the HEPA filter are on the top to aid removal.

Once the filters are fitted, close the hatch, before replacing the dust box in the robot.

Before using the robot for the first time it should be charged for 12 hours. With the robot turned on using the switch on the side, Place the contacts on the front of the robot onto the contacts on the charging base. The power light on the robot will start to flash to indicate the robot is charging. If you are struggling to locate the robot on the base, press the power button on the top to start the robot, and then press the home button to return the robot to the base for emptying and charging.

Insert 2 x AAA batteries (Not Supplied) into the rear of the remote control, ensuring the correct polarity is followed.

Once charging is complete, the Robot is ready for use.

BEFORE OPERATION

Before using your robot vacuum cleaner:

• Arrange your furniture so that your robot can move around freely.



• Block off hazards such as stairways and bannisters to prevent the risk of falling.



 Avoid blocking corridors and narrow walkways, the robot will avoid those areas. Also ensure any objects that are under 2cm tall are removed to prevent the risk of the robot climbing and jamming.



Take care to remove small objects from the floor, for example power leads, toys etc as these may get tangled in the robot's mechanism.
 Do not use the mopping function on carpet and if you have any loose rugs, roll them up to keep them away from the vacuum.



QUICK START GUIDE

• Ensure the charging base and robot have been set up following the instructions on the previous page.



Press the POWER button to start cleaning. The robot will map out the room and start off at the edges of the room.

Press the HOME button to return the robot to the charging base to empty and charge. The robot will also return to the base when it has finished cleaning or when the battery is low. Note: Power must be connected to the base for the home function to work correctly.

Press and hold the POWER button for 5 seconds to change the WI-FI setup mode. See the APP Control section for more details.

Alternatively, much more functionality can be gained by using the supplied remote control or the smart app.

LED	Reason
Power Button Flashing Red	Robot is stuck and needs assistance. It will stop cleaning until fixed.
Power Button Flashing White	The Robot is recharging.
Power Button Constant White	The Robot is cleaning.
WI-FI Indicator Rapid Flashing White	The Robot is in WI-FI connection mode.
WI-FI Indicator Constant White	The Robot is connected to the WI-FI.
Home Button Flashing White	Returning to charging base.

STATUS LIGHTS ON THE ROBOT



SPOT CLEANING	With the unit in Sleep mode, press the SPOT CLEANING button to enter spot cleaning mode. The robot will intensively clean a specific area in a spiral pattern except when too close to the charging base or other obstacles. This mode is especially useful if there is a concentrated area of dust or debris. The unit will stop cleaning after two minutes.

MANUAL CLEANING	The arrow buttons can be used to take control of the robot vacuum, Press the UP and DOWN buttons to move forwards and backwards, and the LEFT and RIGHT buttons to rotate. Press the PLAY/PAUSE button on the centre to turn the suction on and off. If no input is received for 10 seconds the robot will enter standby.
RETURN TO HOME	Press the RETURN TO HOME button to stop the current operation and the robot cleaner will return to the base unit. It will first enter the base in reverse to empty the dust box, before leaving the base, turning around, and then re-entering to charge. Note: During the return to home function, the robot may pause in position a number of times, while it accurately works out the movement needed to ensure a reliable connection with the base. The vacuum will also return to home when the planned cleaning is finished, or when the battery level is low.
SUCTION BUTTON	 VACUUM MODE: When the dust box is attached, press the suction button to change the suction level between 1 and 2. The indicator on the remote will show the current setting. MOP MODE: When the water tank is attached, press the suction button to change the water output level between 1 and 2. The indicator on the remote will show the current setting.
CLOCK BUTTON	Press the CLOCK button to set the clock. Use the UP and DOWN arrows to change the time and the LEFT and RIGHT buttons to change between hours and minutes. Press the PLAY/PAUSE button to confirm the time set.
SCHEDULE BUTTON	The Schedule can be used to set a daily start time for the robot. Press the SCHEDULE button to activate the Schedule, and use the UP and DOWN arrows to change the time and the LEFT and RIGHT buttons to change between hours and minutes. Press the PLAY/PAUSE button to save the scheduled start. A much more comprehensive timer can be set using the App.

USING THE WATER TANK AND MOP

Instead of using the dust box, the robot can also be set up to mop hard surfaces using the supplied water tank.



WARNING: Remove the water tank when charging to remove risk of electric shock.

To fill tank, open tank sealing cap and slowly pour in water.

After replacing the tank sealing cap, fix the microfibre mop to the Velcro on the base of the water tank.





To install the water tank, press the release button on the dust box to remove it, then install the water tank in its place.

CLEANING AND MAINTENANCE

SIDE BRUSH CLEANING AND REPLACEMENT

Regularly check the condition of the side brushes for damage or entanglement with foreign objects.





Clean the brushes with a cloth.

If the brushes become damaged over time, please replace them. Note that the left and right brushes are different, and should be changed accordingly.

CLEANING OF SENSORS AND CHARGING CONTACTS



DUST BOX AND FILTER CLEANING



Press the dust box release button to remove the dust box.



Open the dust box cover and empty any contents into a bin.



Remove the primary filter.





Open the top filter cover and remove the HEPA filter and sponge filter.

Remove any debris from the HEPA filter, and clean with a vacuum.



Rinse the dust box, pre-filter and sponge filter with water.



Dry the dust box and filter components. The pre-filter should be washed after the first 15-30

days. The maximum service life of the high efficiency filter is three months.

Do not expose the filters to direct sunlight.



Ensure that the pre-filter and sponge filter are completely dry. Reinstall the filters in the dust box following the reverse of removal.



Replace the cover on the dust box and fit it back into the main body.

CLEANING THE WATER TANK





Press the release button to remove the water tank.

Remove the mop. Wash and dry the mop.



Pour out any remaining water from the tank.



Clean and dry the tank.

REPLACING THE DUST BAG IN THE BASE



Open the lid.

While gripping the cardboard handle, slide the full dust bag up and out of the charging base, before placing in a bin.

Insert a new bag by sliding the cardboard handle down the guide plate until it is in position. The status light will change to white to show it is correctly inserted.

(Note: If dust bag is upside down but in the right position the light will be white but when sunction occurs it will be be unable to enter the dust bag.) Close the lid.

CLEANING THE MAIN BRUSH

1. Open the roller brush cover assembly.





2. Take out the roller brush

3. Use the cleaning tool provided to cut off any hair tangled on the roller brush.

Cleaning Tool





BATTERY REPLACEMENT / REMOVAL



Using a small screwdriver, Remove the two screws from the battery cover on the underside of the robot.

Remove the battery cover.

Take out the battery and disconnect the connector.

Replacement is the opposite of the removal process, but ensure the battery connector is located in the notch to prevent it hindering the battery from sitting flat.

APP CONTROL

As well as being operated by the remote control, the iQlean-LR02C30 can be operated by the Tuya Smart home automation app which allows control from your phone by Wi-Fi.

DOWNLOAD THE APP TO YOUR PHONE

Download the TUYA SMART app, from your chosen app store, using the QR codes below, or by searching for the app in your chosen store.





Android

IOS

CONNECTION METHODS AVAILABLE FOR SETUP

The robot has AP (Access Point) to connect to Wi-Fi. The AP connection uses a direct local WI-FI connection between your phone and the robot to upload the network details.

Please ensure your device is in the correct WI-FI connection mode for the connection type you are attempting, the flashing of the WI-FI light on your robot will indicate this.

Connection Type	Frequency of Flashes
AP (Access Point)	Flashes once per three seconds

CONNECTING TO THE WI-FI

To go into WI-FI connection mode, press and hold the POWER button on the robot for 5 seconds.

REGISTER AND LOG IN



PERSONALISE THE APP WITH YOUR HOME DETAILS

TUYA can control a large number of devices within your home or across multiple homes. In this stage we define those houses, rooms and devices so that Tuya can control them.

CREATING ROOMS



CONNECTING USING AP MODE

Before initiating the connection make sure that the WI-FI light on the robot is flashing slowly. If not follow the instructions for changing the connection mode. Also ensure your phone is connected to the WI-FI network. (We advise turning mobile data off during setup)





CONTROLLING YOUR ROBOT THROUGH THE APP

THE HOME SCREEN



DEVICE SCREEN

The device screen is the main control screen for the vacuum cleaner robot, providing access to the controls to amend the functions and settings.



NOTE: Due to continuous development of the app, the layout and availability of features are subject to change.

SMART SCENES AND AUTOMATION

Smart Scenes is a powerful tool providing the option to customise the operation of the robot based both on conditions within the room and outside influences. This gives the user the option of specifying much more intelligent actions. These are split into two categories Scene and Automation.

SCENE

Scene allows for a one touch button to be added to the Home screen. The button can be used to change a number of settings in one go, and can change all the settings within the unit. A number of scenes can easily be setup, allowing the user to easily change between a number of pre-set configurations. Below is an example of how to set up a scene:



6. Once all the functions required have been added, press the Save button in the top right corner to finalise and save your new Scene

AUTOMATION

Automation allows an automatic action to be set up for the device. This can be triggered by the Time, temperature of the room, weather conditions, and a range of other influences.





PROFILE TAB

The profile tab gives you the option to edit both your detail, and use the added features of the unit.

CHANGING THE NAME OF YOUR DEVICE

When in any of the device screens further settings for the device can be accessed, by pressing on the three dots in the top right-hand corner. The top option within this allows you to change the name of the device to something relevant to the use of the product, such as "Robot Vacuum". Within the menu, you also have the option of setting up a pattern lock or change your password.

DEVICE SHARING

This allows you to share access to the controls of your air purifier with friends and family.

INTEGRATION

This allows the unit to be integrated with your favourite home automation hardware such as Google Home and Amazon Echo.

CONNECTION TROUBLESHOOTING

- 1. Check whether the device is powered on and is in the correct WI-FI connection mode, if not please refer to the CHANGING BETWEEN CONNECTION MODES section.
- 2. Ensure the WI-FI password has been entered into the app correctly (case sensitive)
- 3. Check that the phone is connected to the WI-FI you are connecting the device to.
- 4. Ensure the network you are connecting it to is 2.4 GHz (5 GHz WI-FI networks are not supported), and that there is a strong WI-FI signal to the item.
- 5. If your router is dual band, ensure that the 2.4 GHz network has a different network name (SSID). Further advice on changing router settings will be available from your Internet Service Provider (ISP) / router manufacturer.
- 6. Check the settings on the router. Encryption should be WPA2-PSK and authorisation type should be set to AES.
- 7. Try using the alternative connection method. i.e. If connection is failing when attempting to connect through CF mode, try AP mode.

TROUBLESHOOTING

FAULT	POSSIBLE CAUSE	SOLUTION
Robot does not charge.	Poor connection between the	Ensure contacts are clean and
	electrodes on the base of the	free from obstruction.
	robot and the charging base.	
	The charging base is switched	Keep charging base switched on
	off.	to charge robot when not
		working.
Robot gets stuck.	The robot may get entangled by	The robot will attempt to free
	wires and cables on the floor, by	itself but may not be successful
	hanging curtains and by rugs	and may require help.
	and carpets.	
Robot returns to charging base	Robot has detected power may	Charge the robot.
without completing the cleaning.	be too low to complete the job	
	and needs to recharge.	
	The robot works at different	The length of time depends on
	speeds on different floor types.	the complexity of room
	For example, it works longer on	environments, dust levels and
	wood floors than carpets.	different cleaning modes.
Robot does not perform cleaning	Robot is not switched on.	Turn on the robot.
work automatically as	Power level of the robot is too	Keep robot on charge to prepare
scheduled.	low to work.	it for the next cleaning
		assignment.
	Robot is stuck or entangled in an	Turn off the robot, clean the dust
	obstacle.	box, turn over and clean the
		wheels and side brushes.
Remote control malfunctions	Remote control batteries are	Replace the batteries correctly.
(effective range: 5m).	low.	
	Robot batteries are low.	Make sure the robot is switched
		on with enough power to
		operate.
	Infra-red signals are blocked due	Wipe the transmitter on the
	to an obstruction on the robot's	remote control and the receiver
	receiver.	on the robot with a soft cloth.
	Interference from other	Avoid using robot around other
	electronic devices nearby.	electronic devices.
Erratic behaviour when cleaning,	Small slips in the wheels due to	Cleaning one room at a time will
such as missed sweeps and a	climbing small steps, thresholds	provide best results. Once
chaotic route. App shows	and door bars may have	complete the robot will return to
irregular cleaning map and	affected its judgement of	its start position.
cleaning is not tidy.	position in the house.	
	Small slips may occur on waxed	Ensure wax has fully dried
	or polished floors or tiles,	before cleaning.
	affecting the robot's judgement.	
	Obstacles such as wires and	Before starting the robot ensure
	shoes can affect the operation of	the floor is free of hazards.
	the robot.	

EXPLODED VIEW



SPARE PARTS

A number of spare parts are available for the robot vacuum, which are available from the retailer:

CODE	REPLACEMENT PART
iQlean-LR02C30-MC	Mop Cloth
iQlean-LR02C30-HPFLT	HEPA Filter
iQlean-LR02C30-HPSPG	Sponge Filter
iQlean-LR02C30-LSB	Left Side Brush
iQlean-LR02C30-RSB	Right Side Brush
iQlean-LR02C30-MB	Main Brush
iQlean-LR02C30-BAT	Battery
iQlean-LR02C30-DBIN	Dust Box
iQlean-LR02C30-EWT	Water Tank
iQlean-LR02C30-DBAG	Dust Bag for Base

TECHNICAL SPECIFICATION

Dimensions	
Diameter of main body	330mm
Thickness of main body	101mm
Net weight of main body	3.1kg
Electrical	
Operating voltage (Charging Base)	220-240V AC
Battery capacity	5200mAh
Battery charge duration	200 minutes approximately
Charge time	300-360 minutes
Accessories	
Water tank capacity	350ml
Dust box capacity	600ml

DECLARATION OF CONFORMITY

Hereby, electriQ declares that this Robot Vacuum Cleaner is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.electriQ.co.uk/content/declaration-of-conformity

electriQ UK SUPPORT

www.electriQ.co.uk/support www.electriQ.co.uk

Call: 0330 390 3061 Office hours: 9AM - 5PM Monday to Friday

> Unit J6, Lowfields Business Park Lowfields Way, Elland West Yorkshire, HX5 9DA



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 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.