



# User manual

lefant M330 Plus Robotic Vacuum Cleaner



1. Scan the QR code for the English version of the online user manual.
2. Scannen Sie den QR-Code, um das Online-Handbuch auf Deutsch zu erhalten.
3. Scannez le QR code pour obtenir le manuel en ligne en français.
4. Scansiona il codice QR per ottenere il manuale online in italiano.
5. Escanee el código QR para obtener el manual en línea en español.
6. コードをスキャンして、日本語のオンラインマニュアルを取得します。



Please read this instruction manual carefully before using the product and keep it in a safe place for future reference.

Thank you for choosing Lefant.

This manual will guide you to fully understand and quickly install the robotic vacuum cleaner (hereinafter referred to as "the robot"). It will also provide detailed information on usage and maintenance to help you have the best product experience.

If you encounter situations not properly addressed in this user manual, please contact our after-sales service. We'll solve your specific problems. For more information, please visit the official website of Lefant ROBOTICS: [www.lefant.com](http://www.lefant.com), or send an email to the following email address:

✉ NA: [support.us@lefant.com](mailto:support.us@lefant.com)

EU: [support.eu@lefant.com](mailto:support.eu@lefant.com)

Other countries: [support@lefant.com](mailto:support@lefant.com)

Facebook: @LEFANTOFFICIAL

You can scan the QR code or download the "Lefant" app from the app store to connect to the robot and unlock more features.



Q Lefant



#### Kind Reminder:

- After the installation of the robot, please follow the instructions on the mobile app to complete registration, logging in, and network configuration.
- Before configuring the network, please ensure that your phone and home network are connected.
- This robot is only compatible with 2.4GHz Wi-Fi networks.



Scan the QR code to access the charging dock installation video.

Products are subject to physical appearance and specific details may differ from those shown.

# Safety Information

## Precautions

- For indoor household floor cleaning only. Do not use it outdoors (e.g., open balconies), on non-floor surfaces (e.g., sofas), or in commercial/industrial environments.
- Clean or maintain the charging dock and the robot only when the charging dock is powered off and the robot is turned off.
- Do not treat the robot or charging dock as a toy, nor ride on or stand on them. When the robot or charging dock is in operation, supervise children and pets to keep them at a safe distance.
- Do not use this product in rooms where infants or young children are sleeping.
- Do not allow children, or people with physical, mental, or sensory impairments, to use or operate this product.
- When using the product in elevated environments (e.g., duplex floors), be sure to use a stable physical barrier to prevent the robot from accidental falling and causing personal injury or property damage.
- Do not let human or pet body parts (such as limbs) get close to the rotating brush head of the robot or put them into the gaps of the machine to avoid injury.
- Before use, clean up scattered wires and other debris on the floor, and move unstable, fragile, valuable, and potentially hazardous items to prevent them from being tangled, stuck, dragged, or knocked over by the robot (which may cause personal injury or property damage).
- Ensure the floor where the robot operates is free of standing water; otherwise, the robot may be damaged by water ingress.
- Do not use the robot to clean any burning objects (e.g., unextinguished cigarette butts, matches, ashes) or any flammable and explosive items (e.g., lighters, gasoline, toner and color powder used in printers or copiers).
- Before use, ensure that components such as the dustbin, filter, side brush, and mopping pad are properly installed.
- Do not spray or douse the robot and charging dock with any liquid.
- Do not use the robot to clean long-pile carpets (note: some dark-colored carpets may not be cleaned properly).
- If the product is damaged in any way, do not use it and contact the official after-sales service promptly for resolution.
- Do not store or use the product in environments where the temperature is above 40 °C, below 0 °C, or where the floor has any liquid or viscous substances.
- Do not place any objects on the robot or charging dock, and do not cover them with any items (including dust covers).
- Avoid having hard or sharp objects (e.g., construction waste, glass, iron nails) on the floor where the robot operates; otherwise, the robot and the floor may be scratched.

- Be sure to place the charging dock on a horizontal, hard indoor floor. Keep the robot, charging dock, and power cord away from open flames, heat sources (e.g., radiators), and areas that are damp, have water, are narrow, or may cause the robot to be elevated.
- Put away fragile items and debris (e.g., vases, mirrors, plastic bags) placed on the floor to prevent the robot from being blocked during operation or causing damage to valuable items at home when it touches them slightly.
- Do not place low-lying objects such as floor mats and shoes at locations where the robot may fall (e.g., stair entrances); otherwise, it may interfere with the normal operation of the robot's anti-fall sensor and cause the robot to fall.
- Use this product in accordance with the instructions in the manual. The user shall bear full responsibility for any loss or injury caused by improper use, or any indirect loss resulting from the use, misuse, or inability to use this product.

## SAVE THESE INSTRUCTIONS

To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

|                                                                                   |                     |
|-----------------------------------------------------------------------------------|---------------------|
|  | For indoor use only |
|  | Direct current      |
|  | Alternating current |

## Correct Disposal of this Product

This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To recycle your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can safely recycle this product.



## Federal Communications Commission (FCC) Interference Statement

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 generate, 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 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.

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.

### FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user 5s authority to operate this equipment.

### RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed 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.

## IC Caution:

– 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:

(1) This device may not cause interference.

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

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

RF exposure statement:

The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. 5G wifi indoor use only

– French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences.

(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition RF:

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps. 5G wifi usage intérieur seulement

– CE DOC

Hereby, Shenzhen USEER Robotics Co., Ltd. declares that the radio equipment type M330 Plus series is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [cn.useerobot.com](http://cn.useerobot.com).

## Battery and Charging

- This product is only compatible with the charging dock specifically provided by the manufacturer.
- Do not disassemble, repair, or modify the battery or charging dock without authorization.
- If the charging dock will not be used for an extended period, unplug the Power Adapter.
- Do not discard used batteries arbitrarily; they shall be handled by professional recycling organizations.
- Do not use any third-party batteries, power adapters, charging docks, or similar accessories.
- Do not wipe or clean the charging pins of the charging dock with wet wipes, damp cloths, or wet hands.
- Use the product only in an environment where the power supply voltage matches the voltage marked on the Power Adapter.
- If the product needs to be transported, ensure it is powered off and turned off, and it is recommended to package it in the original box.
- Do not use a Power Adapter that is not included with the product; otherwise, it may cause smoke, overheating, fire, or other hazards.
- If the usage area is prone to thunderstorms or has unstable power supply voltage, it is recommended to take appropriate protective measures.
- Do not use the product with any type of power converter; otherwise, the warranty will be immediately voided, and hazards may occur.
- Do not use a damaged Power Adapter. If damage occurs (including skin breakage, breakage, etc.), stop using it immediately and contact customer service promptly.
- If the robot will not be used for an extended period, fully charge it, turn it off, and store it in a cool, dry place. Charge it at least once a month to prevent over-discharging of the battery.

## A Product introduction



### Button Operation

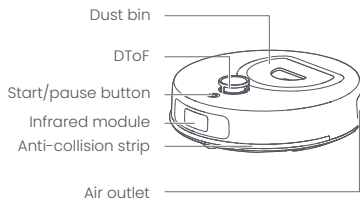
1. Press and hold for 3 seconds: Power on  
(The robot will automatically power on when charging.)
2. Single click: Start or pause
3. Double click: Automatically return for charging
4. Press and hold for 6 seconds: Enter the Wi-Fi configuration mode  
(Network Configuration Operation: Open the app, select "Add Device", then press and hold for 6 seconds until you hear the voice prompt. Wait for the app to scan the device, then follow the network connection instructions to complete the pairing.)
5. Press and hold for 12 seconds: Power off



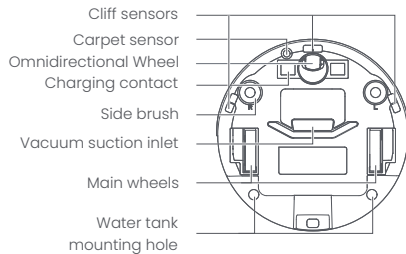
### Explanation of Button Light Effects

1. Purple light breathing: Charging (Battery level < 50%)
2. Blue light breathing: Charging (Battery level > 50%)
3. Blue light flashing: The robot enters the Wi-Fi configuration mode
4. Red light staying on: The robot automatically returns for charging due to low battery level

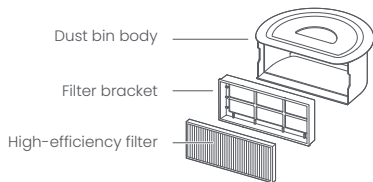
### A1 Robot (Top view)



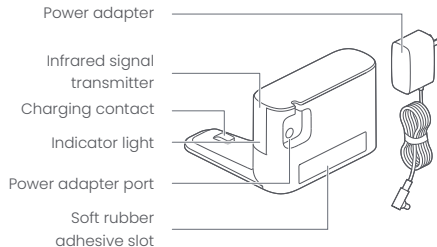
### A2 Robot (Bottom view)



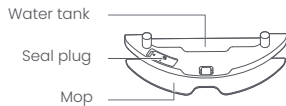
### A3 Dust bin



### A4 Charging dock



**A5 Magnetic water tank assembly**



**A6 Cleaning brush**



**A7 Double-sided soft rubber**



**A8 Quick start guide**



**A9 User manual**

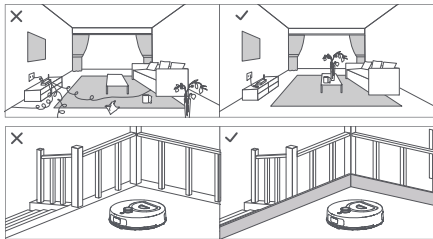


**A10 Side brush**



## B Product installation

### B1 Special note



1. Before starting, please clear the floor of scattered wires, hard objects, sharp items (such as nails and glass) and other debris. Also, remove items that are prone to falling, fragile, valuable or potentially hazardous. Avoid getting entangled, stuck, dragged by the robot or knocked down by it, which could cause damage to people or property.

2. If this product is used in a suspended environment, be sure to use a sturdy physical barrier to prevent personal or property damage caused by the robot accidentally falling.

#### Tips:

1. During the initial cleaning, it is advisable to accompany the robot throughout the entire process to help address any minor issues that may occur. Once these issues are resolved, the robot will be able to carry out autonomous cleaning smoothly in subsequent operations.
2. Avoid allowing the robot to vacuum up hard or sharp objects (such as construction debris, glass, nails, etc.), as this may damage both the robot and the floor surface.

### B2 Remove protective film

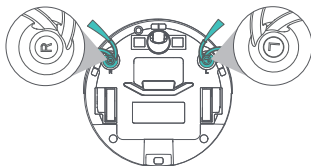
Remove the protective film on the robot and charging dock.



### B3 Install the side brush

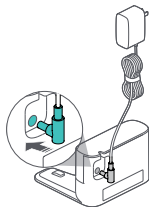
Align the side brush with the robot and install it until a "click" sound is heard, indicating it is properly seated.

Note: Install the side brush marked "R" on the left side of the robot's bottom, and the one marked "L" on the right side, as shown in the figure below.



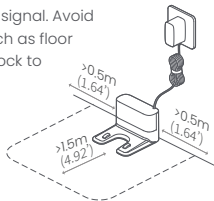
## B4 Charging dock installation

1. Connect the charging dock to the adapter.



2. Position the charging dock and connect it to the power supply.

Place the charging dock against the wall on a flat surface. Ensure there are no items within 0.5m to the left or right and 1.5m in front to avoid blocking the charging signal. Avoid having reflective objects, such as floor mirrors, near the charging dock to prevent signal reflection.



3. Instructions for using double-sided soft adhesive

After placing the charging dock in position, attach the double-sided soft adhesive to the back or bottom of the charging dock to secure it to the wall or floor.

Method 1:



Method 2:



4. Charging

Place the robot with its button side facing the charging dock. When the button light starts to blink, it indicates correct placement. (As shown below).

- 1 When the robot is charging while it is powered off, it will automatically power on.

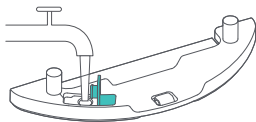


## **B5** Instructions for installing the magnetic water tank assembly

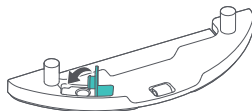
1. Stick the mop cloth to the bottom of the  
magnetic water tank assembly.



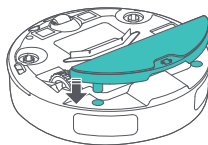
2. Open the sealing plug and pour an appropriate amount  
of clean water into the Magnetic Water Tank.



3. Close the seal plug.

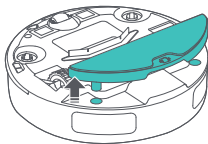


4. Pick up the Magnetic Water Tank assembly, align it with the  
Water Tank Mounting Holes on the robot, and press down  
until the tank is fully attached and secured to the bottom  
of the robot.



## B6 Mop cloth removal and maintenance

1. Lift upward firmly to remove the magnetic water tank assembly.



2. Remove the mop.



3. After cleaning or replacing the mop cloth, please refer to the [B5 Water Tank Installation Instructions] to reinstall the water tank assembly, and then you can continue mopping.

### Warm Tips:

1. If you use disposable mop cloths, please directly discard them after use and replace them with new ones.
2. For washable mop cloths, please clean them in a timely manner after use or replace them according to the actual wear and tear.



4. When the whole-house cleaning is completed or the mopping function is not needed temporarily, be sure to drain all the water in the water tank in a timely manner to prevent the remaining water inside the tank from continuously seeping out and causing water stains or puddles on the floor.



**Note:** After finishing the mopping task, please thoroughly clean the mop immediately and dry it in a well - ventilated area. This is to avoid the mop from developing an odor or breeding bacteria due to long - term storage.

## C Download and Connect The APP

### C1 Download The App

1. Search for "Lefant" in the app store.
2. Scan the QR code to download and install the Lefant app.



### C2 Enter The Wi-Fi Configuration Mode

Press and hold the power button (⏻) for 6 seconds until you hear the voice prompt "Entering network configuration mode".

At the same time, the power indicator light starts to flash slowly in blue, indicating that the robot has entered the Wi-Fi configuration mode.

Note: When the router's configuration is modified, the password is forgotten, or for other reasons that cause the mobile phone to be unable to connect to the robot, you can repeat this step to re - add the device.

### C3 Add Device

Open the home page of the mobile app, then click the "Add Device" button or the "+" button. Add your device as prompted on the page.

Note:

\* Due to the upgrade and update of the mobile app, there may be slight differences between the actual operation and the above description.

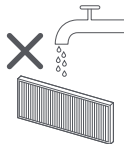
Please follow the guidance in the mobile app for operation.

\* If the robot is in the waiting - to - connect state for more than 3 minutes, the WiFi function will be automatically turned off. To connect again, please re - enter the network - configuration mode.

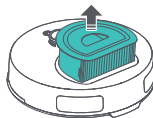
## D Maintenance

### D1 Dust bin

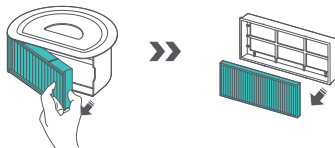
⚠ Note: The high - efficiency filter and cannot be washed with water.



1. Lift upward to remove the dust bin.



2. Open the filter assembly from the side of the dust bin, remove it, then separate the high-efficiency filter from the filter bracket.



3. Empty the trash/debris from the dust bin.



4. Clean the high - efficiency filter with a cleaning brush.  
Do not wash them with water.



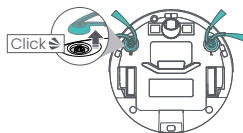
5. The main body of the dust bin and the filter bracket can be washed with water.

\*Rinse and allow to dry completely for at least 24 hours before returning to use.



## D2 Side brush

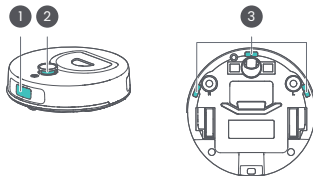
Pull out the side brush firmly. After cleaning the side brush, reinstall it back onto the robot. Replace the side brush with a new one according to its wear condition.



## D3 Main unit sensor

Use a soft dry cloth to wipe and clean the main unit sensors, including:

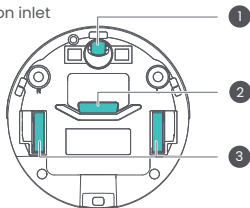
1. Infrared module
2. DToF
3. Cliff sensors (It is recommended to clean the Cliff sensors once a week to prevent dust from blocking and affecting the signal)



#### D4 Main unit components

Use a soft dry cloth to wipe and clean the robot's components, including:

1. Omnidirectional Wheel
2. Vacuum suction inlet
3. Main wheels



#### D5 Charging dock

1. Clean the charging contact of the charging dock to ensure smooth charging.
2. Clean the infrared signal sensor lens of the charging dock to avoid signal interference.



## Technical parameters

### Robotic Vacuum Cleaner

|                         |                         |
|-------------------------|-------------------------|
| Product model           | M330 Plus Series        |
| Wireless Connections    | WiFi Smart Fast Connect |
| Robot operating voltage | 14.4V ---               |
| Robot rated power       | 40W                     |
| Charging time           | < 5.5 hours             |

#### Adapter model

|                         |                  |
|-------------------------|------------------|
| K30-V1000R190-019A0-US  | AD-0121900060US  |
| K30-V1000R190-019A0-DE  | AD-0121900060EU  |
| K30-V1000R190-019A0-GB  | AD-0121900060UK  |
| K30-V1000R190-019A0-AU  | AD-0121900060AU  |
| V30-V0600R190-012AA0-US | AD-0191900100US  |
| V30-V0600R190-012AA0-DE | AD-0191900100EU  |
| V30-V0600R190-012AA0-GB | AD-0191900100UK  |
| V30-V0600R190-012AA0-AU | AD-0191900100AU  |
| CZH015190060RSWP        | CZH024190100BRWM |
| CZH015190095IDWH        | CZH024190100KRWM |

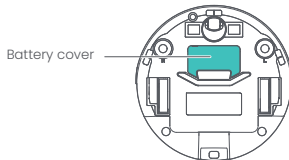
## Environmental protection instructions

### Battery Removal Steps

\* The following information is applicable only when disposing of this robot and is not part of regular operating instructions.

The chemicals contained in the lithium-ion battery built into this product may pollute the environment. Before disposal, remove the battery and dispose of it at a designated battery recycling facility.

1. Let the robot run until it fully discharges and shuts down automatically without being connected to the charging dock.
2. Make sure the robot is powered off.
3. Remove the screws that secure the battery cover on the bottom shell of the robot.
4. Open the battery cover.
5. After taking out the battery, unplug the connector from the battery.



### Tip:

- When disassembling the battery, make sure it is fully discharged and work without connecting it to the charging dock.
- Please remove the entire battery pack as a whole. Avoid damaging the battery pack casing to prevent short - circuits or the leakage of hazardous substances.
- In case the battery leaks and you come into accidental contact with it, rinse thoroughly with plenty of water and seek medical attention immediately.

# Troubleshooting

If the following problems occur in the application process of the product, users can resolve them independently by comparison and inquiry.

| Fault                          | Possible causes                                                              | Solutions                                                                                                                                                                                                                         |
|--------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abnormal cleaning              | Cleaning components blockage                                                 | It is recommended to replace consumables regularly, such as high-efficiency filters (HEPA), pre-filter, side brushes, etc.                                                                                                        |
|                                | Dust on sensors and other components                                         | Please refer to the chapter [Maintenance] of the manual to clean the robot.                                                                                                                                                       |
| Unable to connect to App       | The network signal is spotty                                                 | Please connect to the WiFi within the range of good signal strength.                                                                                                                                                              |
|                                | Not entered Wi-Fi configuration mode                                         | Keep pressing [W] button for 6 seconds: Enter Wi-Fi configuration mode.                                                                                                                                                           |
|                                | 2.4G Hz network isn't used                                                   | Please use the 2.4GHz network to connect.                                                                                                                                                                                         |
| Difficult to return and charge | Incorrect placement of charging dock                                         | Please place the charging dock in an open, flat area with no obstacles blocking its surroundings.                                                                                                                                 |
|                                | The charging dock is powered off or moved manually                           | Please check whether the charging dock is connected to the power supply. Do not move the position of the charging dock when the robot is working.                                                                                 |
|                                | The home is too large, and the environment is complex                        | Please refer to the chapter [B] Special Note] of the manual.                                                                                                                                                                      |
|                                | The robot didn't clean from the charging dock                                | Let the robot clean from the charging dock.                                                                                                                                                                                       |
| Unable to charge               | The power supply is not connected, or the plug is loose                      | Check if both ends of the power cord are connected and if the charging dock indicator light is on.                                                                                                                                |
|                                | Poor contact between the robot and the charging contact of the charging dock | Ensure that the charging contact of the robot and the charging dock are fully connected, and clean the charging contact of the robot and the charging dock regularly.                                                             |
|                                | Battery deterioration caused by non-long-term use                            | It's recommended to use this product regularly. If not used for an extended period, charge fully, power off the robot, and ensure it's charged once a month. If the battery can't be charged, please contact after-sales service. |

\* If the issue persists after following the steps in the table, please contact our after-sales service.



# Warranty

This warranty covers the repair or replacement of the malfunction device at our company's discretion for a period of 1-year. In addition this certificate is void if altered. The serial number must be provided as well as all accessories to be eligible for warranty coverage. Please kindly fill in below form accurately and completely.

**Order Number:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_

**Date of Purchase:** \_\_\_\_\_

## Important:

When returning this device, carefully pack the product to avoid damage in shipping. Damage in shipping is not covered by the Warranty and shall be the sole responsibility of Buyer. Damage or loss not covered by this Warranty or occurring outside the warranty period will require a fee to cover the cost of handling and shipping. All such fees and costs shall be the sole responsibility of Buyer.

## Exclusion

Unless agreed in writing, the warranty will not apply if the defects relate to:

- Consumable parts such as filters, or brushes etc, that are subject to normal wear and tear, and require regular maintenance and/or replacement to ensure the proper functioning of your unit.
- Defects caused by rough or inappropriate handling or use or damage caused by accident, misuse, neglect, fire, water, lighting or other acts of nature, external sources such as weather, electrical outages or power surges.
- Improper operation or maintenance, use not in accordance with the product instructions or connection to improper voltage supply.
- Accident, abuse, misapplication, or any unauthorized repair, modification, or disassembly of the product.
- Any failure to adequately package the product for transportation.
- Use of parts not in accordance with the product instructions.
- Use of parts and accessories other than those produced or recommended by our company.
- Use in a commercial environment as the product is designed for residential use only.
- Consequential and incidental damages.
- Any product(s) purchased from unauthorized dealers/resellers.
- Products used outside the country of purchase.
- Lost and/or stolen products.





Official website

🌐 Website: [www.lefant.com](http://www.lefant.com)

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