

REDMOND

Robot Vacuum Cleaner
RV-R280



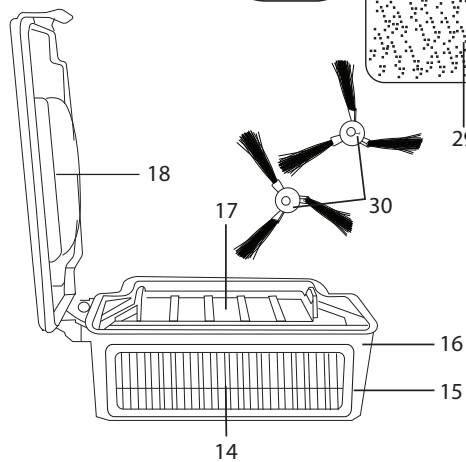
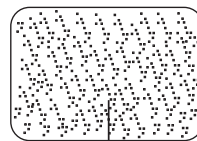
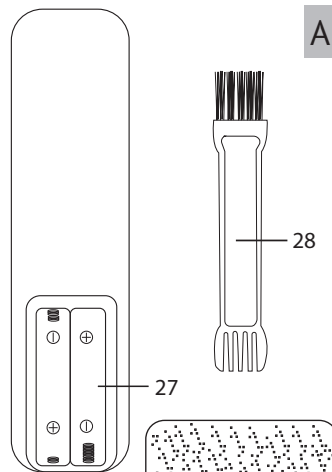
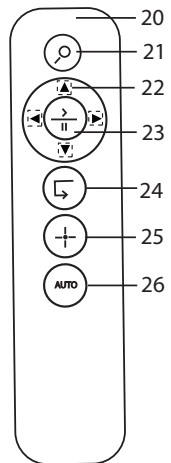
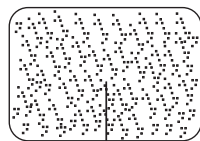
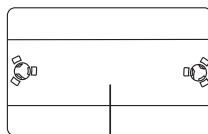
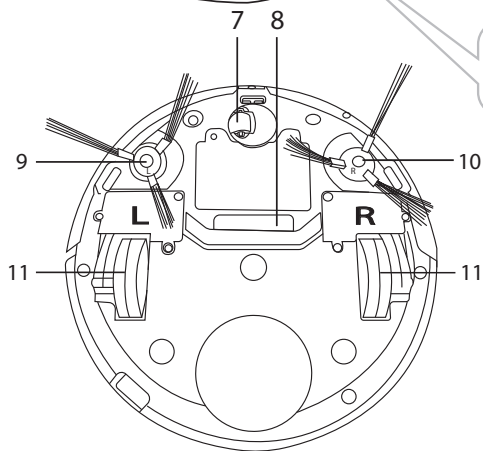
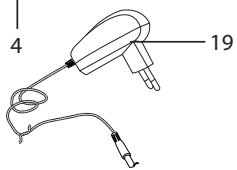
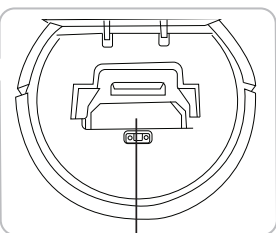
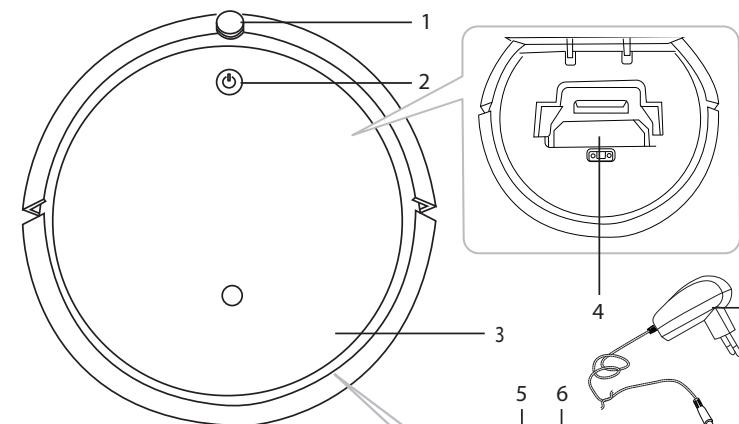
User manual

Manufacturer: "Power Point Inc Limited" №1202 Hai Yun Ge (B1) Lin Hai Shan Zhuang Xia-meilin Futian Shenzhen, China. 518049. Under license of REDMOND®
 Изготовитель: «Пауэр Пойнт Инк. Лимитед» №1202 Хай Юн Гэ (B1) Лин Хай Шан Чжуан Сямейлиан Футянь, Шеньжень, Китай, 518049. По лицензии REDMOND®
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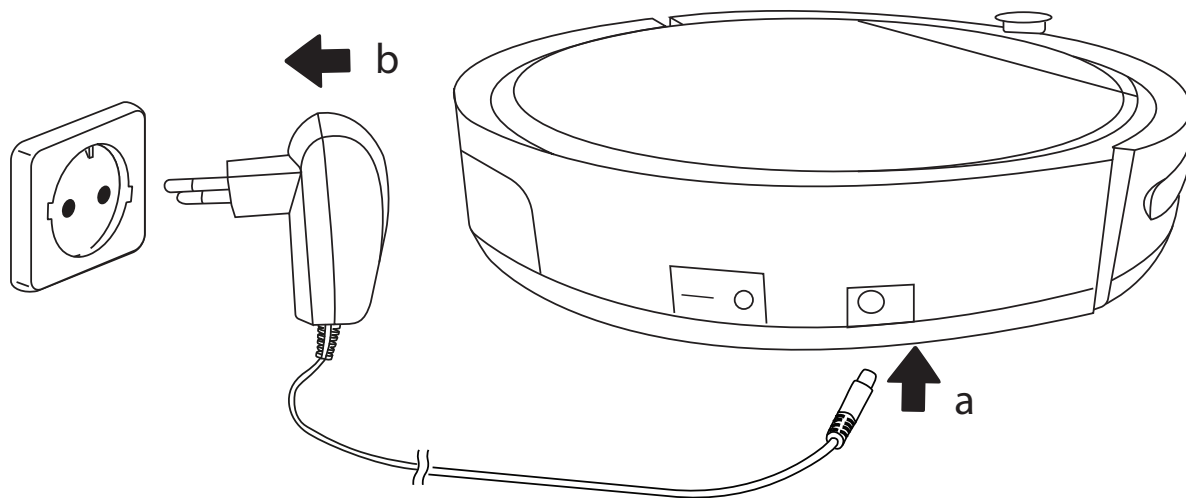
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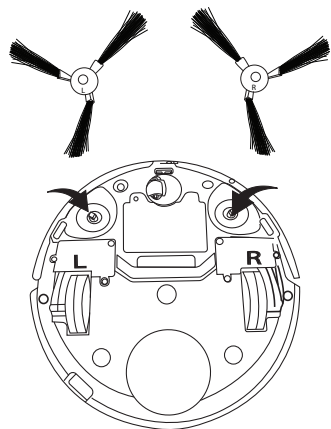
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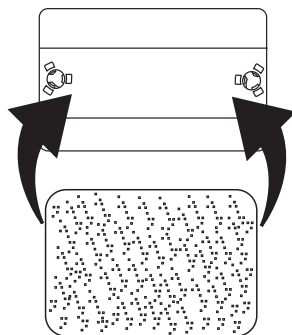
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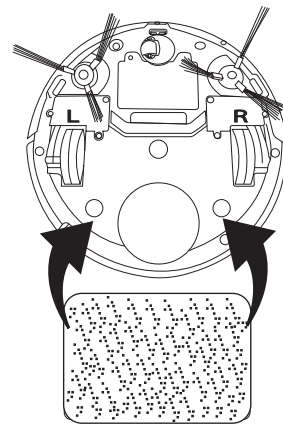




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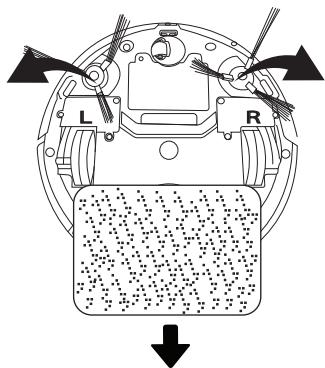


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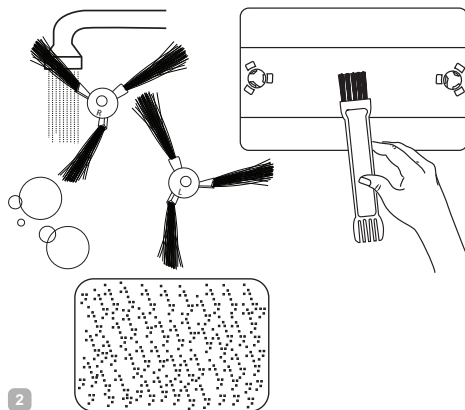


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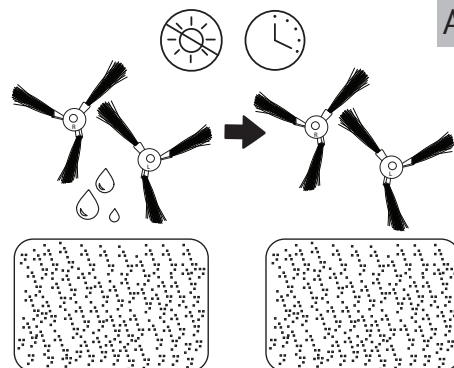
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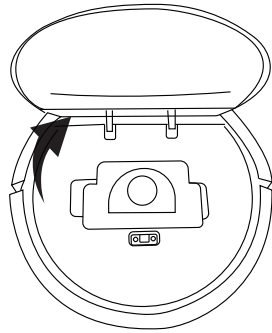
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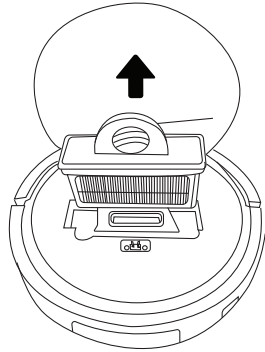
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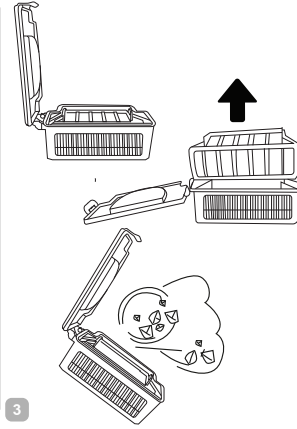
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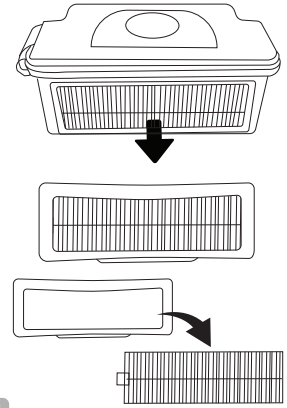
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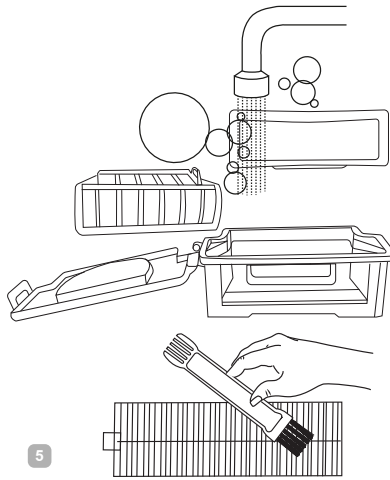
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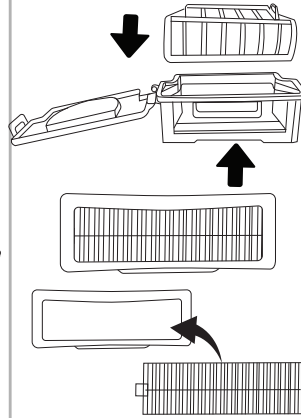
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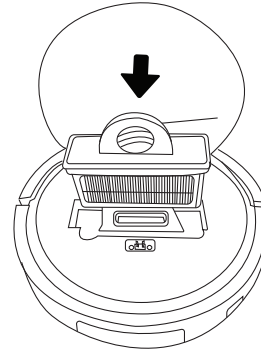
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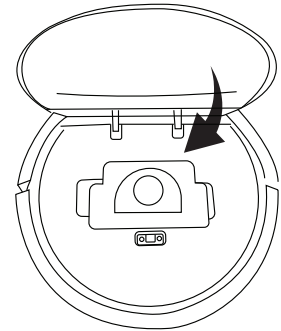
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 Before using this appliance, please read the User Manual carefully and keep it as a reference. Proper use of the appliance will significantly extend its service life.

The safety precautions and instructions contained in this manual do not cover all possible situations that may arise during the operation of the appliance. When working with the appliance, the user should be guided by common sense, be careful and attentive.

IMPORTANT SAFEGUARDS

- The manufacturer is not responsible for damage caused by non-compliance with safety requirements and operating rules of the product.
- This appliance is intended for use in domestic conditions and can be used in apartments, country houses or other similar conditions of non-industrial operation. Industrial or any other misuse of the appliance will be considered as a violation of the conditions of proper use of the product. In this case, the manufacturer is not responsible for the possible consequences.
- Before connecting the appliance to the power supply, check whether its voltage is the same as the nominal voltage of the device adapter (see technical specifications or the product nameplate).
- It is allowed to use the appliance only with the adapter included in the package.
- Use an extension cord designed for the power consumption of the appliance, otherwise any mismatch of parameters can lead to a short circuit or fire of the cord.
- Unplug the appliance from the mains during cleaning. Remove the adapter with dry hands, holding it by the case, not by the wire.
- Do not extend the power cord in doorways or near heat sources. Make sure that the cord is not twisted or bent, not in contact with sharp objects, corners and edges of furniture.

 **KEEP IN MIND:** accidental damage to the power supply cord may cause problems that do not comply with the warranty, as well as electric

shock. If the power cord is damaged, it must be replaced by the manufacturer, service or similar qualified personnel to avoid danger.

- Before cleaning the appliance ensure that it is unplugged. Follow cleaning and general maintenance guidelines when cleaning the unit.

 **Do NOT immerse the appliance in water or place it under a stream of water!**

- Move the device, holding it by its body with both hands.
- Do not install foreign objects in the device, do not sit or stand on the device.
- Do not allow foreign objects to enter the motor compartment of the appliance. Do not block the suction openings. Blocking the air intake may damage the motor.
- It is not allowed to operate the appliance in the following conditions:
 - In the premises and areas with high humidity. There is a danger of short circuit, motor failure.
 - Outdoors – moisture or foreign objects inside the appliance may cause serious damage to the appliance.
 - Near toxic and flammable substances, in rooms with a high concentration of vapors of combustible substances (paint, solvent, etc.) or combustible dust. There is a danger of explosion or fire.
- It is not allowed to bring the suction nozzle to any parts of the body or clothing. Careless handling can result in serious injury.
- It is not allowed to suck up red-hot or cooled ash, coals, as well as outstanding cigarette butts, smoldering or burning debris. Clogging may cause a fire.
- It is not allowed to suck up any liquids, as well as clean wet surfaces – wet floors or carpets. Ingress of moisture can cause serious damage to the vacuum cleaner.

- It is not allowed to suck in powders for filling cartridges (toners) of copiers and printers, flour and other fine bulk substances, as well as construction dust, particles of plaster, gypsum, concrete or cement. There is a risk of filter clogging or motor damage.
- It is not allowed to suck up sharp objects: nails, broken glass, etc. They may damage the dust collector and filters.
- Do not use the device to clean furniture. Using the device on a soft, uneven surface or falling off a piece of furniture may lead to a malfunction. Do not use the device on long hair rugs (longer than 0.5 cm).
- This appliance can be used by children over 8 years old and physically or mentally challenged persons or as well as those who lack experience and knowledge only provided they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Keep the appliance and the power cord out of reach of children under 8 y.o. Cleaning and maintenance should not be performed by children without supervision.
- Packaging material (film, foam, etc.) may be hazardous to children. Choking hazard! Keep the packaging out of the reach of children.
- It is not allowed to repair the appliance or make any changes in its design. Repair of the appliance must be carried out exclusively by a specialist of an authorized service center. Unprofessional repair can lead to damage to the appliance, injuries and property damage.

STOP *ATTENTION! It is not allowed to use the appliance with any faults!*

Technical Specifications







Model.....	RV-R280
Appliance type.....	robot vacuum cleaner
Power.....	18 W
Battery type.....	Li-ion
Battery voltage.....	14.8 V \square
Battery capacity.....	800 mA ^h
Power adapter input voltage.....	100–240 V~, 400 mA
Power adapter output voltage.....	24 V \square 600 mA
Electrical safety.....	Class II
Suction power.....	13 W
Exhaust filter class.....	EPA-filter + microfilter
Dust compartment capacity.....	250 ml
Noise level.....	65 dB
Continuous operation time.....	up to 60 minutes
Full charge time.....	5 hours
Number of cleaning modes.....	3
Remote control.....	available
Remote control power source.....	2 x LR03 (AAA)
Indication.....	LED, audible
Obstacle sensor.....	5
Wet cleaning feature.....	available
Overall dimensions.....	Ø290 x 70 mm
Net weight.....	1.75 kg

Package Includes

Robot vacuum cleaner.....	1 pc.
Remote control.....	1 pc.
Power adapter.....	1 pc.
Brush set.....	2 pc.
Wet cleaning attachment.....	2 pc.
Exhaust EPA filter.....	1 pc.
Cleaning brush.....	1 pc.
User manual.....	1 pc.
Service book.....	1 pc.


The manufacturer has the right to make changes in the design, configuration or package, as well as in the technical characteristics of the product in the course of continuous improvement of its products without further notice of these changes. The specifications allow the error of ±10%.

Parts of Appliance (scheme A1, p. 3)

- | | |
|---|---|
| 1. IR receiver | 16. Dust compartment |
| 2.  button – enable/disable appliance, start/end of work | 17. Pre-filter |
| 3. Dust collector compartment cover | 18. Dust collector lid with handle |
| 4. Dust collector | 19. Power adapter |
| 5. I/O power switch | 20. Remote control |
| 6. Socket for connecting power adapter | 21.  button – find my vacuum cleaner |
| 7. Front wheel | 22.  buttons – choose movement direction |
| 8. Suction port | 23.  button – start/end of work |
| 9. Left side brush | 24.  button – corner cleaning mode |
| 10. Right side brush | 25.  button – cleaning of a set area |
| 11. Rear wheels | 26. AUTO button – automatic mode |
| 12. Wet cleaning attachment base | 27. Battery compartment |
| 13. Wet cleaning attachment | 28. Cleaning brush |
| 14. EPA-filter | 29. Replaceable wet cleaning attachment |
| 15. EPA filter holder | 30. Replaceable rotating brushes |

I. PRIOR TO THE FIRST USE

Carefully take out the appliance and its components from the box. Remove all the packaging materials and promotional stickers.

 *Be sure to keep in place warning labels, index stickers (if any) and a label with the serial number of the appliance on its body!*


After the transportation or storage at low temperatures, it is necessary to keep the appliance at the room temperature for at least 2 hours before switching on.

Wipe the body of the appliance and all removable parts with a damp cloth and dry. Carefully dry all parts of the device before use. Install batteries (not included) in the remote control, taking note of polarity.


 *Installing the battery ensure that your hands and the unit are dry.*


II. OPERATION OF THE APPLIANCE

Charging the battery (scheme A2, p. 4)

Before using the appliance, the battery must be fully charged. To do this, connect the robot vacuum cleaner to the mains using the adapter, turn the I/O switch to the I position, it will make a sound, the  button indicator will flicker an orange. Full charge time is approximately 5 hours.

 *It is recommended to charge the battery fully before first use to prolong battery life.*

When the device is fully charged, it will make a sound, the  button indicator will glow a constant green.

 **CAUTION!** *The appliance will not work while it is connected to the mains.*

An audible signal will sound when the appliance is disconnected from the mains.

When storing for a long period of time, charging the battery completely and turning the I/O switch to the 0 position is recommended.

Assembly (scheme A3, p. 5)














 *When beginning assembly, make sure the I/O switch is in the 0 position.*

Install the brushes in accordance with the directional markings, R should go into slot R, L into slot L.

If necessary, use the wet cleaning attachment (see scheme A3, p. 5). Moisten the wet cleaning nozzle with water and wring it out thoroughly; fix it on the base. Insert the pins on the attachment base into the holes on the bottom of the vacuum cleaner and press until they click. To remove the attachment, use both hands to gently pull on the edges of the base, applying light pressure to the middle of the base with your thumbs.


 **STOP** *DO NOT use attachment for wet cleaning on carpets, it will disrupt the vacuum cleaner's movement.*

Use the appliance

1. Turn the I/O switch to the I position, two beeps will sound. The  button indicator will be lit a green.
2. Press the  button on the device or the  on the remote. It will make a sound, the device will start working automatically. The device will then clean the whole area, building a route according to that individual room. To interrupt the cleaning process, press the  button on the appliance body or the  button on the remote control, it will make a sound.
3. If necessary, change the mode (see "Choosing mode with remote control" section).
4. To go into waiting mode, press the  button on the device or the  on the remote. Cleaning will not take place during the waiting mode.
5. To switch the appliance into sleep mode, press and hold the  button for 5 seconds, then release the button, it will make a sound, the  button indication will go off. To exit sleep mode, press the  button either the  or  button on the remote, it will make a sound, the  button indicator will be lit in green again.

 *If the device is inactive for a minute it will go into sleep mode.*



The maximum period of continuous use is 60 minutes, depending on the floor and positioning of furniture in the cleaning area.

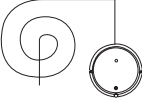

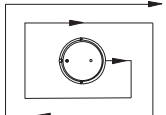
When the battery charge reaches a critical level, the appliance will beep, the  button indicator will flash orange.

- To turn off the device, turn the power switch O/I to position 0.

Choosing mode with remote control

You can choose the mode using the corresponding buttons on the remote control in waiting mode or while the device is operating:



- **AUTO** button – automatic mode;
-  button – fast cleaning of a set area;
-  button – corner cleaning mode.

	Automatic mode	The device will then clean the whole area, building a route according to that individual room
	Corner cleaning mode	The device will move along the wall and past obstacles, cleaning the edges of the room
	Fast cleaning of a set area	The appliance moves in a rectangular spiral, gradually expanding the trajectory. Upon a collision with an obstacle, the appliance switches to automatic mode. For cleaning a particularly dusty area

To control the device manually, press and hold the movement direction buttons while the device is in waiting mode or operating:

- ▲ – forward. The device will move forward while the button is held down;
- ◀ – turn left. The device will turn left on its axis while the button is held down;
- ▶ – turn right. The device will turn right on its axis while the button is held down;
- ▼ – backwards. The device will move backwards while the button is held down.

Find my vacuum cleaner

With the  button, you can always find the robot vacuum cleaner when you have lost sight of it. Press the  button; if the appliance is within the range of the remote control, an audible signal will sound.

III. CLEANING AND MAINTENANCE



For maximum effectiveness, perform a full clean of the device once every two weeks. Clean the dust compartment after each use.

Before you start cleaning the appliance, make sure that it is unplugged. Wipe the housing of the appliance with a damp, soft cloth. Do not allow the device to get wet.



DO NOT place the appliance body, plug or power supply adapter under a stream of water or submerge it in water.

DO NOT use any chemically aggressive substances or abrasive pastes, a sponge or tissue with hard or abrasive surface.

The cleaning brushes, dust compartment and attachment for wet cleaning can be cleaned in running water. If necessary, use a soft cleaning cloth. Dry completely before reuse!

To clean the brushes and attachment for wet cleaning, refer to the diagram **A4** (p. 5). If the bristles of the side brushes have lost their shape, place them in boiling water for a short time – the bristles will straighten out. Dry completely before reuse!

To clean the dust compartment and EPA-filter, refer to the diagram **A5** (p. 6).




Storage and transportation






Clean and dry all the components of the appliance completely before storage and re-use. Store the appliance in a dry, ventilated place away from heating appliances and direct sunlight.

During the transportation and storage it is not allowed to expose the appliance to mechanical influences which can cause the damage of the appliance and/or violation of integrity of packing.

It is necessary to protect the packaging of the device from water and other liquids.

IV. BEFORE CONTACTING A SERVICE CENTER

Problem	Possible cause	Solution
The appliance does not turn on		
The appliance switches off untimely; an audible signal sounds; the  button indicator lights up in orange	The appliance battery is discharged	Fully charge the battery (see "Charging the battery")
The battery does not charge	Power supply failure or wall socket is not working properly	Check the power supply or connect to a properly working wall socket
	The power adapter is not connected to the mains	Verify that the power adapter is connected properly
The battery is running out too quickly	The brushes or filters are dirty	Remove the dirt, clean the device according to the recommendations in the "Cleaning and Maintenance" section
The  button indicator lights up in red	System failure	Wipe the bottom with a damp cloth. Place the device on an even surface and restart
The  button indicator is blinking a red, an audible signal sounds three times	Anti-fall sensor detected a vertical drop, the device have been separated from the surface	

Problem	Possible cause	Solution
The  button indicator flashes red and orange alternately, an audible signal sounds three times	Error with front bumper meaning the device cannot move forwards	Place the device on an even surface. Wipe the front bumper with a damp cloth; make sure that there are no foreign objects between the front bumper and the appliance body. Do not block the device's path, do not use the device in a small space
The  button indicator flashes red and green alternately, an audible signal sounds three times	The device is stuck and the wheels have difficulty turning	Place the device on an even surface and restart. Check the device's wheels, do not put pressure on the device, do not place anything on the device
The  button indicator flashes orange and green alternately, an audible signal sounds three times	The brushes are dirty, the side brush lock protection has activated	Check the brushes and remove the dirt (according to the recommendations in the "Cleaning and Maintenance" section)
The  button indicator is blinking an orange, an audible signal sounds three times	Fan overload	Clean the dust collector and filters
The  button indicator is blinking a red, the appliance halted	Dust collector full	Clean the dust collector
Device giving off a loud noise		
The device does not start cleaning or is moving incorrectly	The device is cleaning a surface that is too dark	Stop the device and move it to a lighter part of the floor
	The device is cleaning a strongly reflective surface	Close the curtains to prevent bright sunlight entering the room. Clean the room in a less bright environment



If the problem persists, contact an authorized service center.

Environmentally Friendly Disposal (WEEE)



The packaging, user manual and the device itself shall be taken to the applicable collection point for the recycling of electrical and electronic equipment. Do not throw away the electronic waste to help protect the environment.

Old appliances must not be disposed with other household waste but must be collected separately. Municipal disposal of recyclable wastes is free of charge. The owners of old appliances are required to bring it to a waste facility centre. With this little extra effort, you can help to ensure that valuable raw materials are recycled and pollutants are treated as appropriate.

This appliance is labelled in accordance with European Directive 2012/19/EU – concerning used electrical and electronic appliances (waste electrical and electronic equipment WEEE).

The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

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