

Neato Botvac™

Let it run. Your work is done.

将您的家庭清洁工作
放心交给机器人。



neato™

Neato Botvac™ User Manual
Neato Botvac™ 用户手册

Welcome!

Thank you for purchasing a Neato Botvac™ and welcome to the world of robots helping humans.

If you can't wait to get your robot working for you, just skip ahead to the "Getting Started Guide" that is included with your Neato Botvac. It has the essentials to get you up and running right away.

If you want to become well-acquainted with your new robot friend, you can spend some time with this User Manual and learn all about your new robot. In fact, you may even want to start thinking about what you will name your new helper! There are a few key steps that will ensure a successful partnership – things like preparing a room for a robot cleaning, getting the most from your battery, and how to regularly maintain your robot to get the longest life. For more information on these and other issues, and to stay up-to-date with the most current information, you can always visit us at **www.neatorobotics.com** and click on **Support**. There you will find answers to frequently asked questions, the latest tips and tricks for optimal robot performance, and current information about software updates.

Let's stay in touch. One of the best ways to do this is by registering your robot – just go to **www.neatorobotics.com**, click on **MyNeato**, and follow the registration process.

Congratulations on your new household helper, and get ready to cross a few chores off of your "to do" list.

Make Life Neater™,
Your friends at Neato Robotics

P.S. Don't forget to register your Neato Robot. Just visit **www.neatorobotics.com** and click on **MyNeato**.

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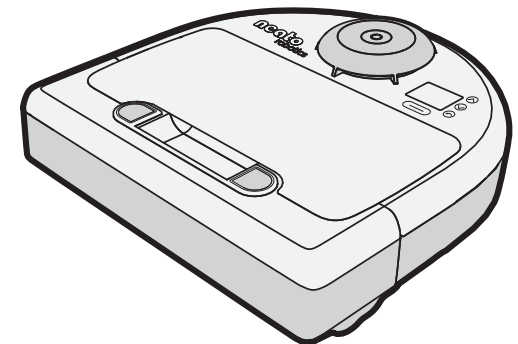
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BEFORE GETTING STARTED

- Read all documentation before using your Neato robot for the first time.
- Keep the documentation for your Neato robot for future use.

INTENDED USE



Note!

The appliance is not to be used by children younger than 8. Children 8 and older or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge may only use this appliance if they are supervised or have been given instruction about how to use it safely and understand what risks are involved. Children should be supervised to ensure they do not play with the robot or charge base. Children without adult supervision should not perform cleaning and maintenance of the robot or charge base.

HAZARD WARNINGS



Risk of electric shock!

- Always switch the device off before carrying out any cleaning or maintenance work. Disconnect the power plug from the charge base.
- Never pull the power plug out of the socket by the power cord; instead, pull it out by the power plug itself.
- Disconnect the power plug from the socket before opening the charge base.
- Never perform repairs on your device yourself. Repairs to electric devices may only be carried out by Neato customer service.
- Do not insert any pointed objects into the electric contacts.
- Do not change the contacts.
- Never carry the charge base by the power cord.
- Do not continue to operate the robot if the device itself or the power cord is damaged.

- Contact your Neato customer service in the event of damage.
- Do not clean the robot, the charge base or the power cable in water or other liquids.
- Do not use the robot on damp ground or in places in which it can get into contact with liquids or be immersed in water.
- Do not use the robot in humid environments, such as wet bathrooms.
- Do not use the robot in hazardous areas such open fireplaces, running showers or swimming pools.
- Make sure that you do not damage, bend or twist the power cord. Do not place any heavy objects on top of the cord. This could damage the power cord and cause a fire or electrical shock.
- Drooping or bare cables, curtains, tablecloths or cords in the working area of the robot are to be secured in order to avoid damage to the it or cause an electrical shock.
- Make sure no fragile, light, loose or movable objects are within range of the robot.



Fire hazard!

- Do not vacuum up any hot ashes or lit cigarettes with the robot.
- The batteries must never be placed in an open fire and/or heated by an external heat source.
- Never use the robot in rooms with burning candles or desk lamps on the floor.



Explosion hazard!

- Do not vacuum up any explosive or easily flammable substances.

 **Risk of injury!**

- Never run the robot over any part of the body. Do not vacuum close to children or pets; keep body parts away from the spinning brush.

 **Risk of pinching!**

- Keep away from moving parts.

 **Note! Risk of damage from improper use!**

- Use Neato Genuine Accessory parts only.
- Use the charge base exclusively with the alternating current voltage stated on the type plate and on a connection that has been properly installed by an expert.
- Do not use the robot if the charge base, the power cord or the robot are faulty or damaged, or if the robot has not been completely assembled.
- If the power cord or charge base is faulty, it must be replaced with a Neato Genuine Accessory to avoid hazards.
- Never try to repair the robot by yourself.
- This robot is intended for indoor use only.
- This robot is intended for the cleaning of floors only.
- Make sure that children do not play with the robot.
- Keep children and pets away from the robot; do not let them stand or sit on it.
- Do not vacuum up any cleaning powders with the robot.
- Very fine sand, limestone, cement dust or similar particulates will block the pores of the filter and reduce performance.
- Never use the robot without the filter. This will damage the motor and shorten the life of the robot.
- To charge the robot, only use the power cord and charge base included in the box.

- Do not cover the infrared window of the charge base with stickers or other objects that can block the window.
- Do not block the sensors on the robot. Otherwise it will no longer be able to orientate itself or communicate with the charge base.
- The robot can be used on most carpets with a fiber length of up to 0.7in (20mm). It may move slower on carpet than hard wood.
- Do not use 3rd party batteries with the robot. Only use Genuine Neato Accessory batteries.
- Do not use the robot on top of worktops or glass-ceramic stove tops.
- Make sure that no fragile, light or loose objects are within range of the robot.
- If the drop sensors are dirty, the robot may fall down stairs or off ledges. This can cause serious damage to the device. Please clean the drop sensors regularly
- If there are steps in the working area of the robot, the enclosed boundary markers can be applied to the top stair. The minimum distance to the edge of the step should be approximately 0.75in (2cm) on hardwood or thin carpet. On thick carpet the minimum distance to the edge of the step should be approximately 6in (15cm). This is an extra safety measure to prevent the robot from falling off a ledge or stairs.

! Laser Distance Sensor (LDS)

The laser distance sensor contains a rotating class 1 laser according to DIN EN 60825-1. In general, the following codes of practice apply for lasers:

- Switch the robot off before refit or repair.
- Do not direct the laser beam at people.
- Do not look into the direct or reflected beam of the laser.
- It is not permitted to carry out manipulations (alterations) or attempt repairs on the device and especially on the LDS.

! Electromagnetic fields

- The robot meets all standards regarding electromagnetic fields (EMF).
- According to current scientific findings, the robot is safe to use provided that it is handled correctly and in accordance with the instructions in the user manual.
- The device complies with the safety requirements of the country in which it was sold by a Neato Authorized Distributor.
- By using the device in another country, compliance with local safety standards cannot be guaranteed. Neato therefore rejects any resulting safety risks for the user.

HOW BOTVAC WORKS

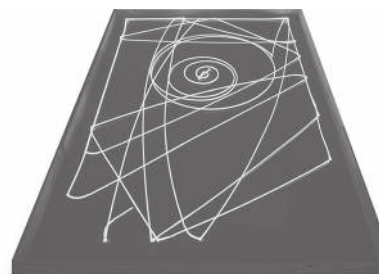
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Your Neato Botvac uses sophisticated mapping software to create a map of your home and plan its cleaning.

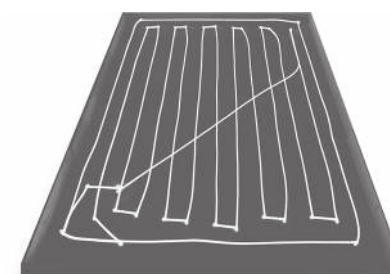
The foundation of Neato's robotic technology is its patented Neato Botvision™ – a breakthrough in robotic mapping and navigation. Botvision uses a proprietary laser scanner and proprietary navigation software based on SLAM (Simultaneous Localization and Mapping) – the same technology used by the Google self-driving car. This is a milestone achievement – Neato has brought a laser scanning technology that typically costs thousands of dollars to a consumer product at an affordable price.

Smart mapping – Neato's patented laser distance system continually scans the room, making instant decisions based on input from its external sensors. This enables Botvac to create detailed and accurate maps of its environment and methodically clean in an organized back and forth pattern, leaving the straight carpet vacuum lines.

OTHER ROBOTS



NEATO ROBOTS



Instead of bumping around like other robot vacuums, Neato Botvac uses patented Neato Botvision to scan and map the room, plan, and methodically clean.

Tip! Give It Power

Charge it when you aren't using it to ensure it is ready to clean and to maintain the batteries.

Tip! Set Cleaning Boundaries

Your Botvac will clean everywhere it can reach. If you want to keep it from a certain area, just put down boundary markers. It will clean up to the boundary markers but will not cross over them. See section on Boundary Markers for more information.

Tip! Keep It Well-Maintained

Because it's down in the dirt all day long, your Botvac can get a little grungy. See section on Maintenance for more information.

IMPORTANT! Risk of damage from improper use

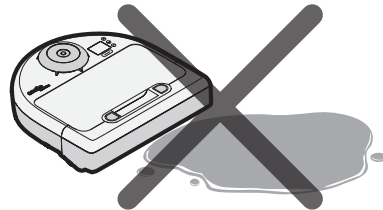
Remove light, fragile or movable objects from the floor. Remove shag carpets from the area that you would like to clean.

IMPORTANT! Keep It Away From Water, Chemicals, or Other Mold Producing Fluids

Do not clean wet messes with your Botvac.

Do not bathe or otherwise submerge your Botvac in water.

Do not use harsh chemicals on your Botvac, or anything that can permanently stain it.



IMPORTANT! Keep Botvac Away From Hanging Cables and Low To The Ground Tablecloths and Curtains

To keep your Botvac and your home safe, make sure that it cannot get caught on tablecloths, curtains, hanging electric cords, or other cord-like items.

IMPORTANT! Don't Let It Get Cold

Exposing your Botvac to freezing temperatures may cause permanent damage.

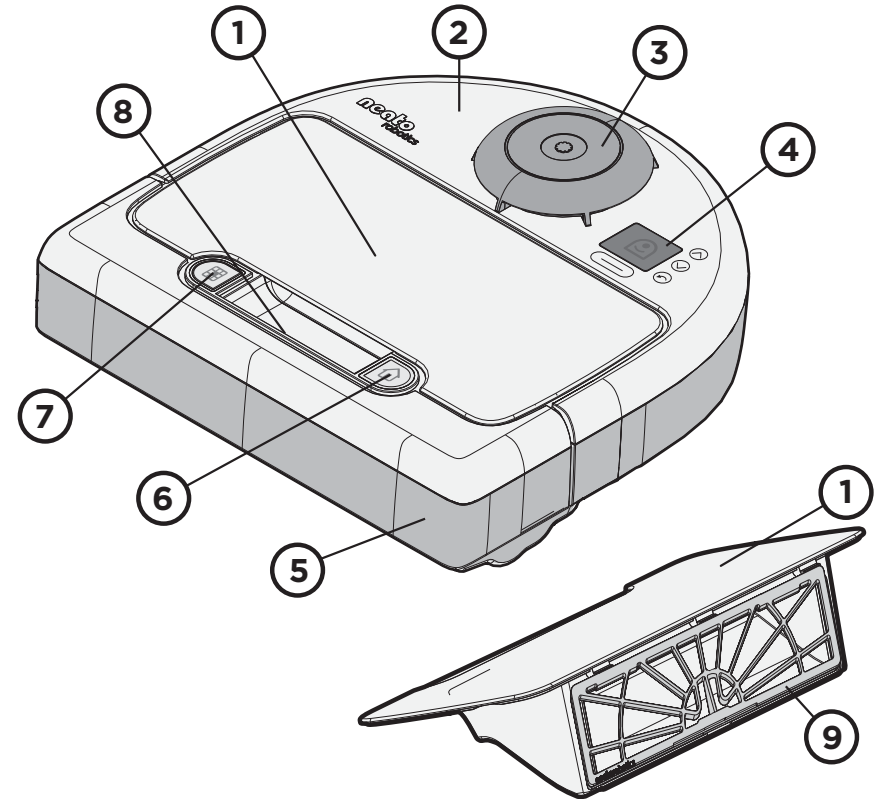
IMPORTANT! Don't Use or Store It Outside



Your Botvac is an indoor device and is not intended for outdoor use. Use and store it in the house.

NEATO BOTVAC™ ANATOMY

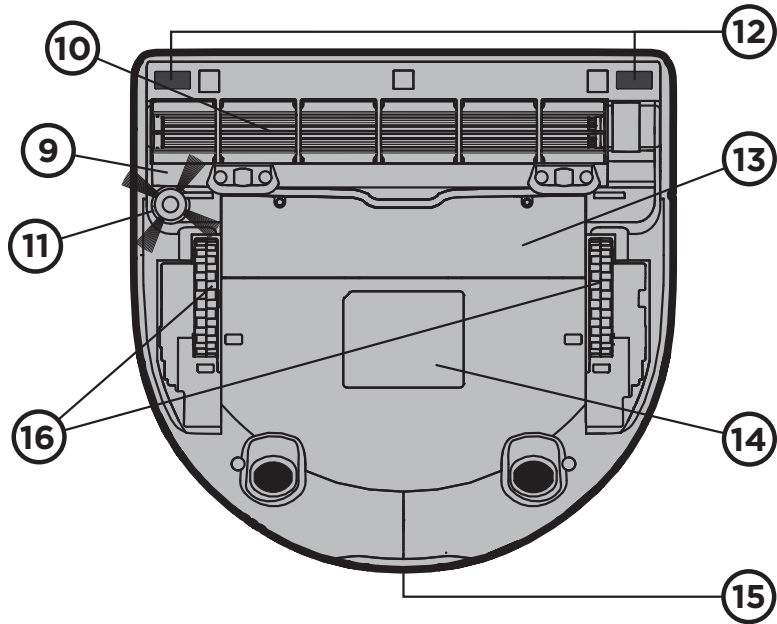
2

TOP VIEW

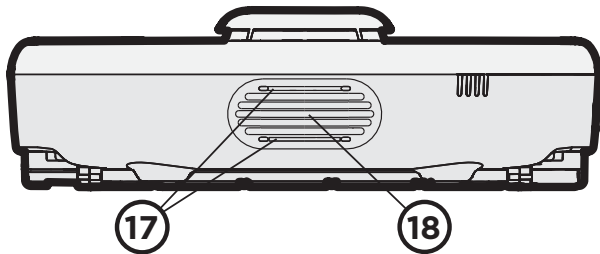


- 1 Dirt Bin
- 2 Botvac Top
- 3 Laser Top
- 4 Display Screen
- 5 Bumper
- 6 CLEAN House Button 
- 7 CLEAN Spot Button 
- 8 Handle for Carrying Botvac
- 9 Filter

BOTTOM VIEW



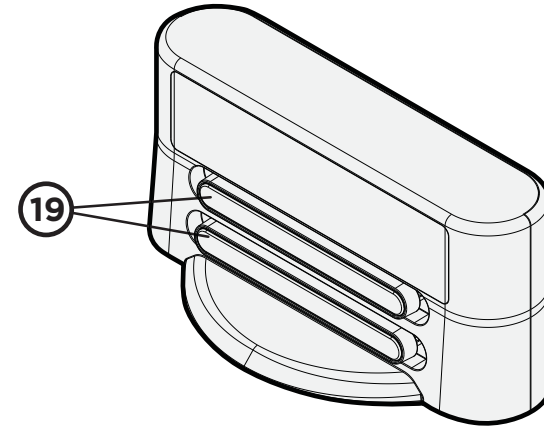
BACK VIEW



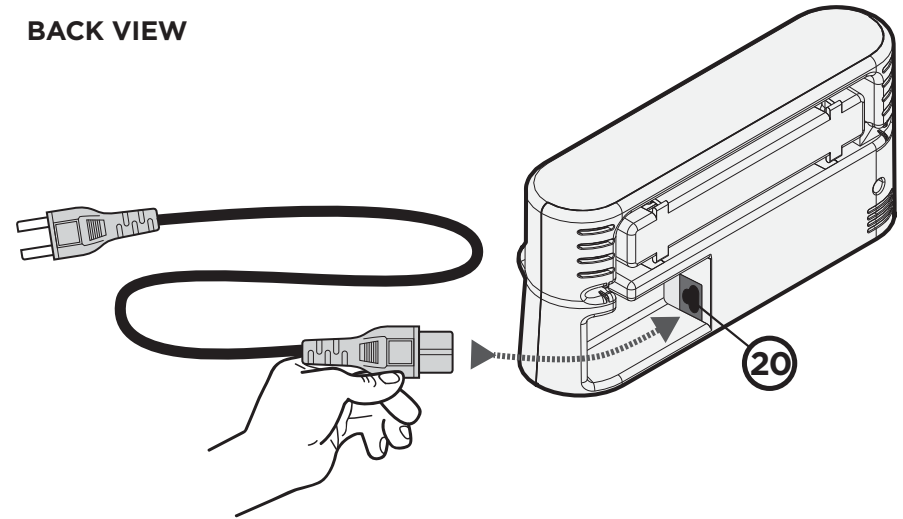
- 9** Brush Guard
- 10** Brush
- 11** Side Brush
- 12** Drop Sensor Windows
- 13** Battery Cover
- 14** Label (includes Serial Number)
- 15** Charging Contacts
- 16** Wheels
- 17** Charging Contacts
- 18** Blower Vents

CHARGE BASE

FRONT VIEW



BACK VIEW

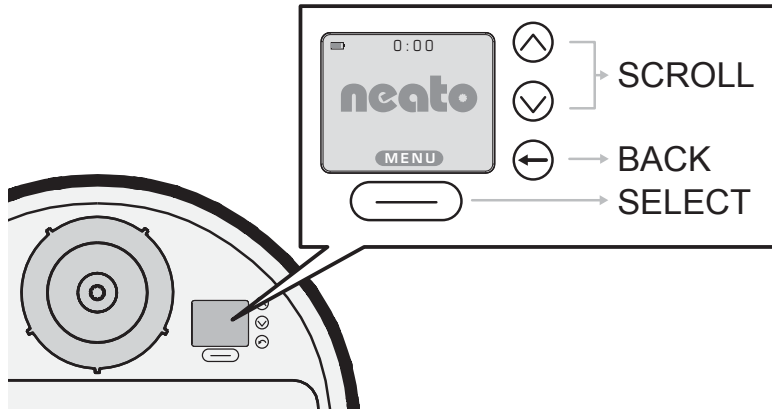


- 19** Metal Charge Plates (2)
- 20** Insert power cord securely into the charge base

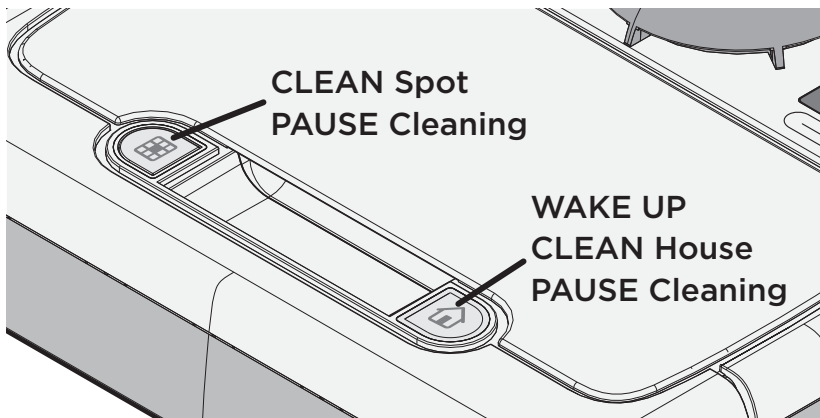
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CONTROLS

DISPLAY CONTROLS



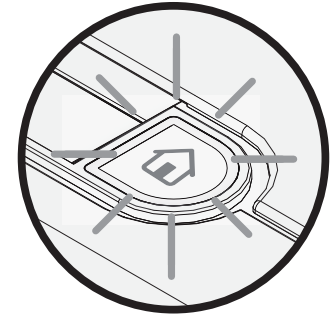
BUTTONS



STATUS LIGHTS

The LED around the right button is used to indicate:

- Battery State
- Error Conditions - see display for description of error or alert

Status Lights**SOLID GREEN**

Fully charged and ready to clean.

BLINKING GREEN

Charging, battery not fully charged, can clean.

BLINKING AMBER

Charging, can't clean yet.

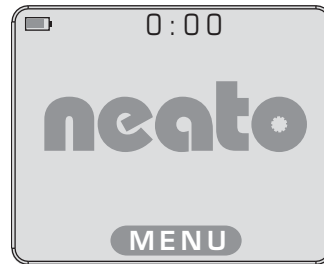
SOLID AMBER

Error, see message on screen.

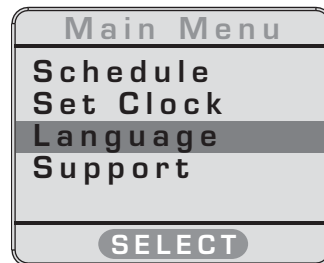
4

SET LANGUAGE

Press **SELECT** button under the screen to go to **Main Menu**.



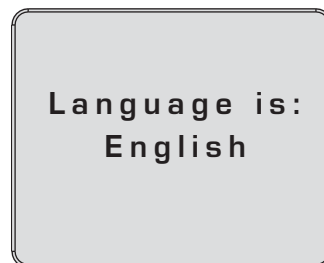
Use **SCROLL** button to scroll down to **Language** and then press **SELECT** button.



Find your language by using **SCROLL** button to scroll down.



Press **SELECT** button under the screen to choose a language.



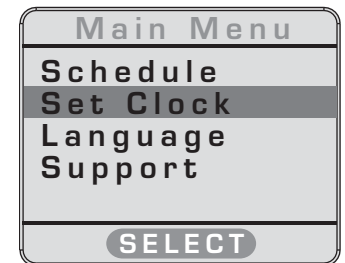
5

SET CLOCK

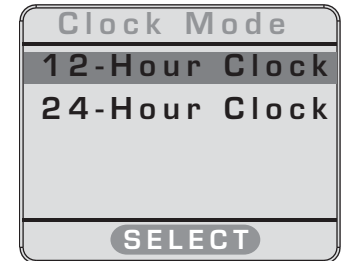
Press **SELECT** button under the screen to go to **Main Menu**.



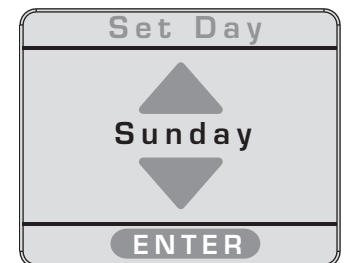
Use **SCROLL** button to scroll down to **Set Clock** and then press **SELECT** button.



Use **SCROLL** button to Choose **12-Hour** or **24-Hour** Clock Mode and then press **SELECT** button.



Use **SCROLL** button to choose **Day** and then press **SELECT** button.



CLEANING

Use **SCROLL** button to **Set Hour** and then press **SELECT** button.



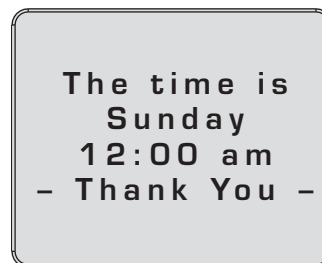
Use **SCROLL** button to **Set Minutes** and then press **SELECT** button.



If the time is correct press **SELECT** button to save the time.




Confirmation message will show on the screen.



Botvac has two cleaning modes - **CLEAN House** and **CLEAN Spot**.

- **CLEAN House** mode will clean your house.
- **Clean Spot** mode will clean a 4' (1.2 m) x 6' (1.8 m) area.

IMPORTANT! To start cleaning, the LED around the right button must be green or blinking green and Botvac must be turned on.

- If the right button is not green or blinking green, put Botvac up against the charge base to charge.
- If the screen is not lit, press the right button  to wake up Botvac.

CLEAN HOUSE  MODE

Press the right button below the dirt bin with the  icon.

The screen will indicate that Botvac is cleaning the house.

Botvac will come off its charge base and scan the area.

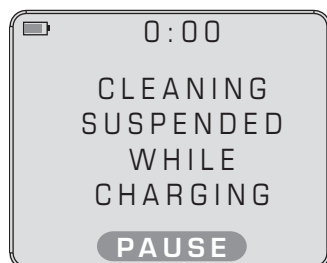


If the area is less than about 15' (4.5 m) x 15' (4.5 m) it will do a boundary cleaning of the area and then clean the interior using a back and forth straight-line pattern.

If the area is larger than 15' (4.5 m) x 15' (4.5 m), it will create a virtual room that is about 15' (4.5 m) x 15' (4.5 m) and do a boundary cleaning and then clean the interior of the virtual room using a back and forth straight-line pattern. It will move on to vacuum the next virtual room. Depending on the size and configuration of the room, it may or may not finish one room before moving to the next. It will continue to clean in “segments” until the job is finished, keeping track of where it has and has not cleaned, using its sophisticated SLAM technology.

STARTING AT THE CHARGE BASE:

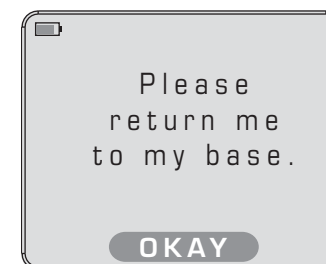
If Botvac started at the charge base and needs to recharge before finishing the job, it will navigate back to the charge base, wiggle up to it and recharge. You will see a message on the LCD that says “Cleaning Suspended While Charging”. It is in suspended cleaning mode while charging.



Once it recharges Botvac will go back out and resume cleaning where it left off. Botvac will do a maximum of three cleaning runs and two recharges between the cleaning runs. After the third cleaning run it will dock at its charge base and recharge.


STARTING OFF THE CHARGE BASE: If Botvac is not started at the charge base and cannot complete cleaning the area in one battery charge, it will go back to where it started and ask you to return it to the charge base to recharge.

It is in suspended cleaning mode while charging. When finished charging, place it within two feet of where it returned for charging, press START again, and it will return to where it left off to finish the cleaning job. It will repeat this one more time if it hasn't finished the cleaning job.



CLEAN SPOT MODE

Spot mode is used to clean a small area. Spot mode will clean a 4' (1.2 m) x 6' (1.8 m) area in front of Botvac.

To start Spot mode, put Botvac on the floor facing the area you want cleaned. Press the left button - with the  icon. The screen will show Botvac is CLEANING Spot.



Botvac will scan the area, turn right and do a boundary cleaning of a 4' (1.2 m) x 6' (1.8 m) area.

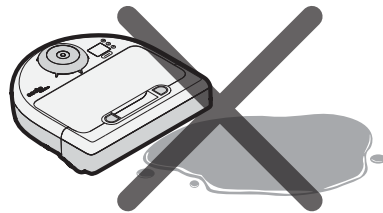
It will then clean the interior using a back and forth straight-line pattern and return to its starting location or if it saw a charge base while cleaning it will return to the charge base and wiggle up to it.

Tip! To put your Botvac to sleep, press and hold the **START** button for 2 seconds and the light on the screen will go off

Tip! Clear the area of small items like toys and clothing - furniture is OK.

IMPORTANT! Tie up wires, curtains and other low-hanging items.

IMPORTANT! Keep your Botvac away from liquids and wet areas. Move or cover pet bowls and plant trays.



Tip! To keep your Botvac out of places you don't want it to go, set down boundary markers included in the package. Sometimes it's helpful to tape them down to hold them in place. See section on Boundary Markers for more information.

IMPORTANT! Keep your Botvac inside the house. It was not designed for outdoor cleaning or freezing temperatures.

TIP! Be aware that shiny surfaces and black floors may confuse your Botvac.

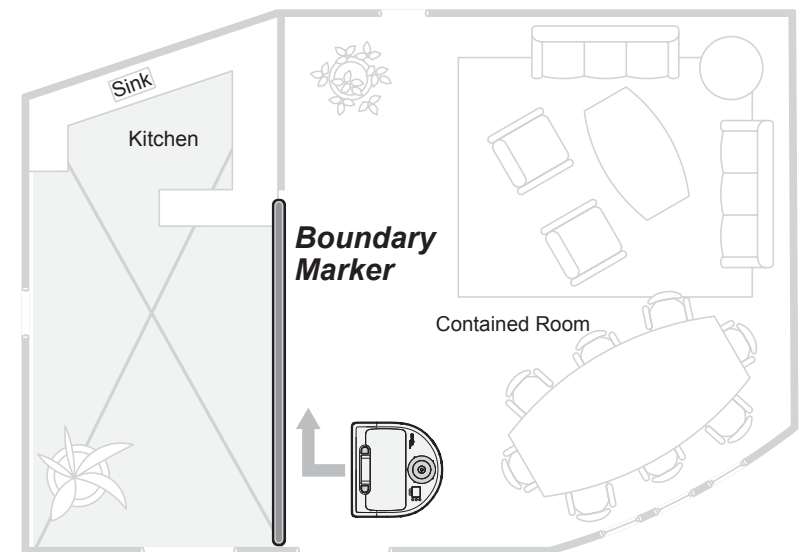
BOUNDARY MARKERS

7

Boundary markers let you create a boundary where one does not exist. They let you tell your Botvac where not to go.

Some examples of where to use boundary markers:

1. If you have a large open floor plan in your house, for example the room layout below, and you don't want the robot to clean the shaded area, you can use boundary markers.



- Lay the boundary marker flat on the floor from one wall to the opposite wall to block off the area.
- Botvac will clean the floor on the side of the boundary marker that it starts on. It will recognize the boundary marker and will not cross it.

- If you have an item you don't want the robot to get near, for example electric cords, pet bowls or toys, place boundary markers around the item or area.

IMPORTANT! Thick carpeting on stairs may affect the robot's navigation system (stairs with thin carpeting are OK). To make sure your robot sees the stairs place boundary markers 6 inches from the edge of the stairs.

TIP! You can use scissors to cut boundary markers to a shorter length.

TIP! You can use removable tape such as gaffer tape or painters' tape to keep boundary markers flat on the floor.

SCHEDULING

8

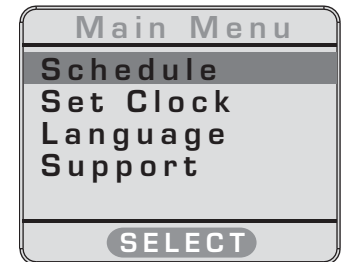
You can schedule Botvac to clean your house once every day.

To make sure Botvac cleans your whole house keep it on its charge base. If its battery runs low it will come back to the charge base, recharge and resume cleaning where it left off (up to two times).

To schedule a **HOUSE** cleaning press **SELECT** button under the screen to go to **Main Menu**.



Press **SELECT** button under the screen to go to select **Schedule**.

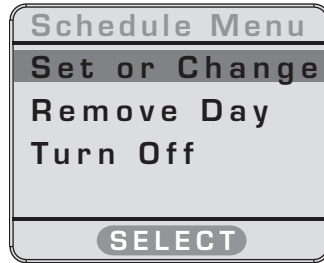


The **Schedule Menu** allows you to **Set** a new scheduled cleaning or **Change** a scheduled cleaning. You can schedule **HOUSE** cleanings once a day and you can schedule a different time for each day of the week if you want to.

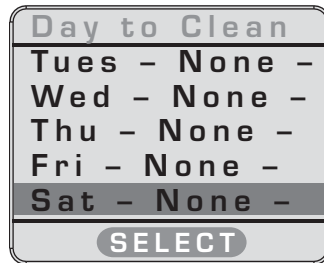
The **Schedule Menu** also allows you to remove the schedule for a day (**Remove Day**) or **Turn Off** all scheduled cleanings.

Below is the sequence of actions and screens to schedule a House cleaning on **Saturday at 12:00 am**.

Press the **SELECT** button below.



Use the **SCROLL** buttons to scroll down to **Saturday** Press the button below **SELECT**.



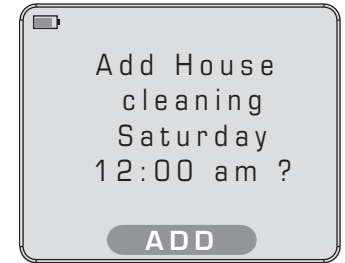
Press the **SELECT** button to select the hour. Advance the hour so you choose am/pm correctly.



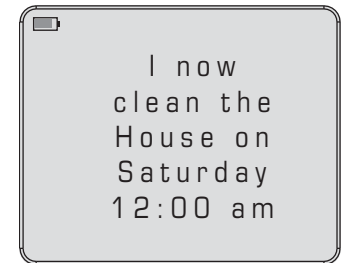
Press the **SELECT** button to select the minute.




Press the **SELECT** button to confirm the scheduled cleaning.



Screen confirming scheduled cleaning.



 **Tip!** If your battery runs very low, the Botvac will lose its clock setting. Use the menus to reset the time and day

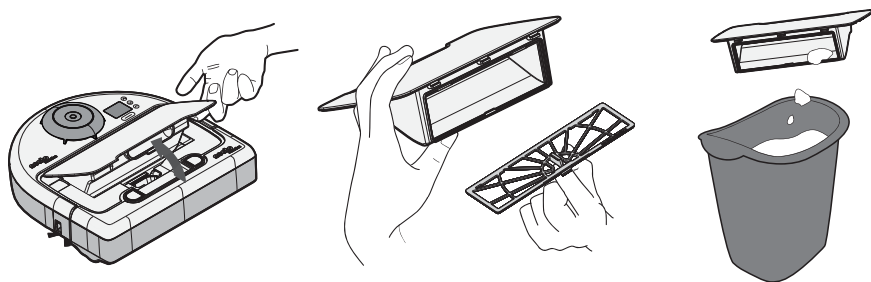
9

MAINTENANCE

IMPORTANT! Keeping Botvac clean is important for optimum performance.

CLEANING THE FILTER

For optimal performance, empty the Botvac dirt bin and clean the filter after every use.



1. Take out the dirt bin.
2. Remove the filter.
3. Empty the contents of the dirt bin into a garbage can. Tap the filter against the garbage can to get rid of any excess dirt.
4. Replace the filter and make sure it is tight. Insert the dirt bin back into the Botvac and make sure it is fully engaged.

Tip! Change the filter in your Botvac every one to two months. Factors that determine how often to change the filter include: frequency of vacuuming, size of the area it is cleaning, and the amount of dirt, debris and pet hair it picks up.

Tip! Go to www.neatorobotics.com and click on **Where To Buy** to find retailers where you can purchase Genuine Neato Accessories.

CLEANING THE BRUSH AND BEARING

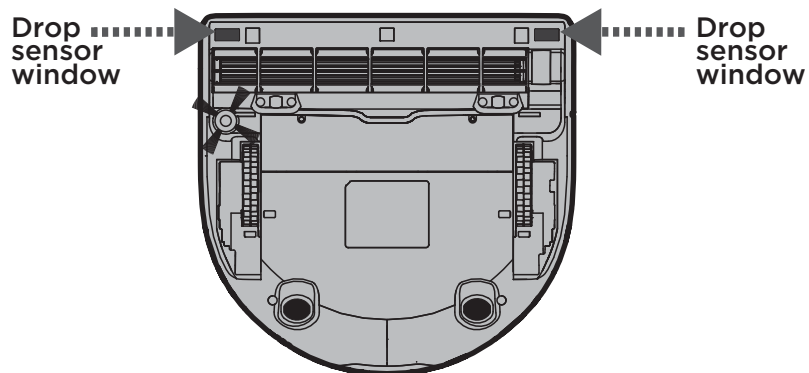
Clean the brush frequently. Most hair and other debris are captured in the dirt bin, but some may get tangled on the brush and affect cleaning performance. To clean the brush, follow these steps:

1. Turn your Botvac upside down.
2. Place your fingers under the brush guard in front of the wheels and pull up gently under the brush guard until it pops out. Remove the brush guard.
3. Gently take out the brush.
4. Remove any debris from the brush. Wipe the brush blades and brush core with a slightly damp cloth to remove dust.
5. Remove the metal bearing on the end of the brush and clean with a cloth. To remove the bearing, use your fingers, or a small flat head screwdriver for tough to remove the bearing. Re-attach the bearings to the brush.
6. Replace the brush by inserting the orange end cap with the hexagon pattern into the motor-side, and the metal bearing end closest to the wall side.
7. Replace the brush guard, and click it into place. Make sure it is seated correctly in front behind the bumper and locked tightly at the rear.

For optimal performance, replace the brush periodically, or if the blades or bristles are damaged. You can find replacement brushes through one of our partners. Go to www.neatorobotics.com and click on the **Where to Buy**.

CLEANING THE DROP SENSORS

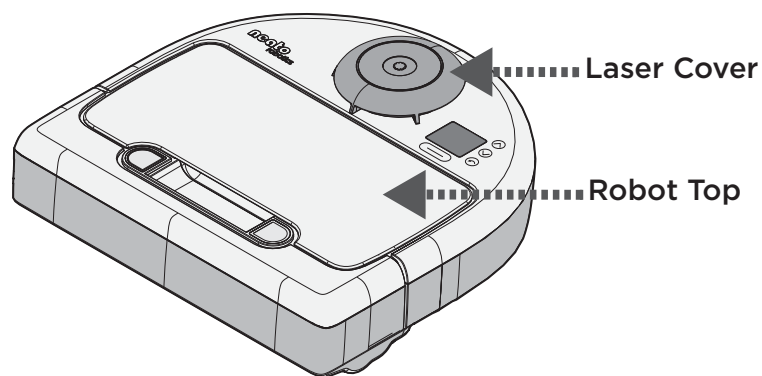
Using a cotton swab, periodically clean the drop sensor windows (2) on the bottom of your Botvac (see below).



CLEANING THE TOP OF YOUR BOTVAC

Clean the top of your Botvac periodically with a damp cloth.

Make sure there is no dirt accumulated under the Laser Cover. If there is any dirt or debris, remove it so the laser can navigate your home accurately.



WHERE TO BUY NEATO BOTVAC™ GENUINE ACCESSORIES

Go to www.neatorobotics.com and click on **Where to Buy** to find replacement accessories and parts for your Botvac.

Combo Brush	Length = 10.875 in / 276 mm Best brush for picking up pet hair. Much quieter on hard floors.	
Blade Brush	Length = 10.875 in / 276 mm Superior cleaning performance for all floor types.	
Side Brush	For precise edge cleaning.	
Standard Filter	Surface area = 13.1 in ² / 85 cm ²	
High-Performance Filter	Surface area = 84.7 in ² / 547 cm ² Captures particles down to 0.3 microns - more than three times the amount of fine dust particles as a standard filter.	
Dirt Bin	Size: 0.7 liters Bigger-is-better dirt bin holds more and is easy to empty.	
Boundary Markers	Magnetic strips keep your Botvac where you want it to go.	
Battery	Rechargeable NiMH 12V 3600 mAh battery.	
Charge Base	Extra charge base is great for homes with stairs.	

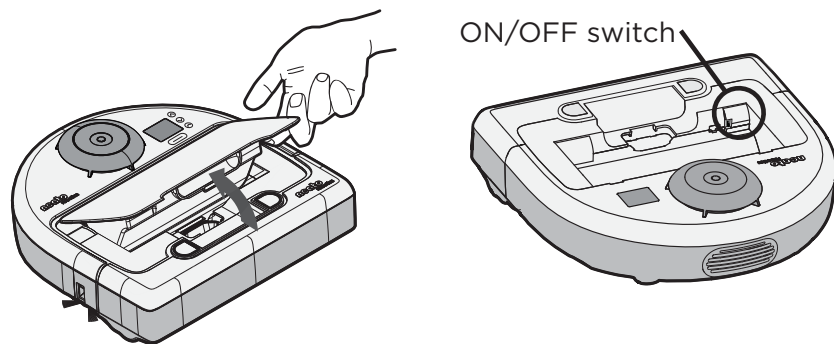
10

BATTERIES AND
CHARGE BASE

BATTERY SWITCH

Botvac is shipped from the factory with the battery switch in the OFF position to extend battery life.

To connect the battery, open the dirt bin and push the **ON/OFF** switch **DOWN** to **ON**.



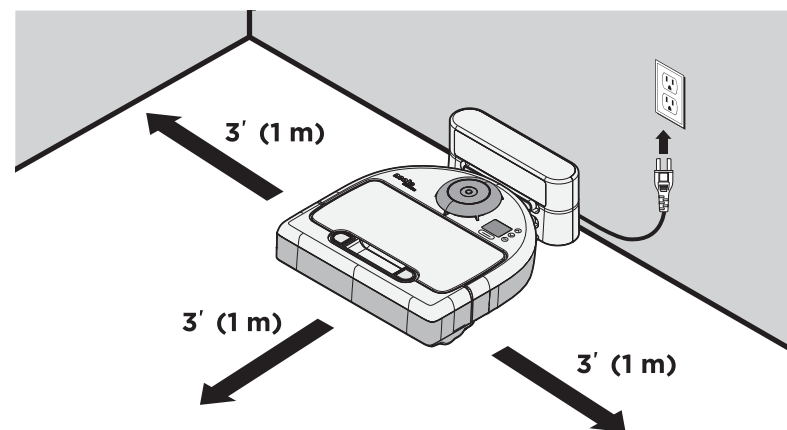
ON/OFF Switch:

- You push the **ON/OFF** switch **UP** to turn **OFF** the robot.
- You push the **ON/OFF** switch **DOWN** to turn **ON** the robot.

Tip! If you will not be using Botvac for an extended period of time, you can extend the life of the battery by pushing the battery switch in the dirt bin **UP** to **OFF**.

CHARGE BASE LOCATION

Choose a wall outlet that has a 3' (1 m) clearance on both sides and in front of the charge base. This helps your Botvac find its charge base.



BATTERY CHARGE TIME

Botvac takes two to three hours to charge fully. The status light turns solid green when the batteries are completely charged. Several factors influence charging time.

- **The charge level of the battery:** If the battery is almost drained, charging will take closer to three hours. If partially charged, it will take less time to reach full capacity.
- **The environment of the room:** It will charge faster on a hard surface located in a cool dry area. On hot days, on carpet, expect longer charging times.

We recommend you charge the batteries overnight before you use Botvac for the first time. Run through three complete charging cycles to optimize the performance of the batteries.

BATTERY CALIBRATION

You can re-calibrate Botvac's batteries to improve capacity and lengthen run time between charges. You should recalibrate the batteries in these situations:

- Botvac is new
- The batteries are new
- You updated the software
- Your cleaning area expanded
- Botvac's run time is low

Follow the steps below to recalibrate Botvac's battery.

1. Turn off any scheduled cleaning.
2. Reset the batteries by going to MENU->Support->New Batteries.
3. Place it on its charge base overnight to ensure a full charge.
4. Run it until it finishes cleaning the maximum area you ever want it to clean, or until it displays "Battery Low" on its display and needs to recharge.
5. Dock it on its charge base for a full charge, until the status light turns solid green.
6. Run it as usual until it needs to recharge again.
7. Repeat step 6 two more times.

IMPROVING BATTERY LIFE

By following a few simple rules, you can help extend the life of your battery. How you take care of the battery – and how much you use them – affect their longevity. Here are some tips to optimize your battery.

- **Keep Botvac on its charge base when not in use – out of sunlight and heat, and on a flat surface.** Make sure the charge base is located in a cool, dry place, away from direct sunlight or other sources of heat like a heating vent. Keep the charge base on a smooth, hard surface. Thick carpets can cause the charge base to tilt, which prohibits it from making proper contact with the base.
- **Store Botvac with the batteries disconnected, or turned OFF.** If you are going away and won't use it for an extended time, charge the batteries fully and then disconnect them for storage by pushing the battery switch in the dirt bin **UP** to **OFF**. When you want to use your Botvac again, reconnect the batteries by pushing the battery switch **DOWN** to **ON** and fully charge it.
- **Charge as soon as possible after discharging the batteries.** If the battery is low and the LED is amber or blinking amber, charge the batteries as soon as possible.
- **Keep Botvac's filters and brushes clean.** If the filter or brush gets clogged with hair or other debris, the vacuum will strain, using more battery power than normal. Be sure to clean your filters and brushes regularly.
- If you are running into any issues with charging, run times or other battery related concerns please see section on Battery Calibration.

BATTERY REPLACEMENT

Because rechargeable batteries have a limited life span, you will need to replace the batteries periodically. How long the batteries last depends how you use your Botvac. You may have to replace your battery after 6 months if the runtime degrades. Every time the battery goes through a charge and discharge cycle it loses some capacity.

Higher temperatures also affect battery life. It is recommended you try to place your Botvac in a cool, shaded part of your home to reduce heat.

Replacement batteries for your Botvac can be found at one of our partner's websites. Go to www.neatorobotics.com and click on **Where to Buy**.

TROUBLESHOOTING

11

ALERTS:

Alert messages inform you of Botvac's condition but should not affect its ability to clean. These screens are temporary and can be turned off by pressing "OKAY".

What the screen says	What it means	What to do
<p>A Software update is available. Please visit web support.</p> <p>OKAY</p>	The software on your robot needs to be updated	If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.
<p>Please open my dirt bin & push switch DOWN to ON.</p> <p>OKAY</p>	The battery switch is set to OFF, the battery is not charging and the robot cannot run.	Open the dirt bin and push the battery switch DOWN to ON . Place the dirt bin back into robot and press OKAY to continue using. Make sure robot is fully charged before cleaning. Be sure to charge overnight the first time you charge the robot.
<p>0:00</p> <p>CLEANING SUSPENDED WHILE CHARGING</p> <p>PAUSE</p>	The robot needs to return to the charge base to recharge. When the robot is done charging it will return to where it left off to finish cleaning.	Let the robot return to the charge base to recharge. If it is already on the charge base, leave the robot on the charge base while it recharges.

ERRORS:

Error messages require your attention before Botvac can proceed. The LEDs will change to red to notify you that there is an error. The error message will display until you correct the error condition, and/or press the OKAY button to clear.

What the screen says	What it means	What to do
<p>Please press OKAY to continue. Battery issue (8000)</p> <p>OKAY</p>	The battery is experiencing an error.	<p>If issue persists, contact Neato Customer Care.</p> <p>Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please press OKAY to continue. Battery issue (0003)</p> <p>OKAY</p>	The battery is low or needs to be charged.	<p>Press OKAY</p> <p>Put the robot on the charge base until the status light turns green.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please press OKAY to continue. Battery issue (0004)</p> <p>OKAY</p>		

<p>Please press OKAY to continue. Battery issue (0005)</p> <p>OKAY</p>	There is an issue with the battery.	If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.
<p>Please press OKAY to continue. Battery issue (0006)</p> <p>OKAY</p>		
<p>Please press OKAY to continue. Battery issue (0007)</p> <p>OKAY</p>	The robot is too cold or in an environment that is too cold for it to operate properly.	Charge the robot in a warmer environment.
<p>Please wait while I cool down my battery.</p> <p>OKAY</p>	<p>The battery is overheated.</p> <p>This may be caused by being in direct sunlight or in an unusually warm environment.</p>	<p>Allow your robot to cool down before attempting to run again. Try placing the robot in a cool, shaded area.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>

<p>Please press OKAY to continue. Battery issue (0002)</p>	<p>The battery is not properly connected.</p>	<p>Press OKAY Open the dirt bin and make sure the ON/OFF switch on the left in the dirt bin is DOWN. Replace the dirt bin.</p>
<p>Please press OKAY to continue. Battery issue (0008)</p>		<p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please press OKAY to continue. Battery issue (0009)</p>		
<p>I had to reset Please press OKAY to restart.</p>	<p>An error occurred.</p>	<p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>

<p>My fan is stuck. Please press OKAY to restart.</p>	<p>The blower is not working properly.</p>	<p>Make sure you have a filter installed, that the blower fan intake isn't blocked, and that the exhaust vent in the back of the robot isn't clogged.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please contact Customer Support. Tests not complete.</p>	<p>Botvac needs to be inspected for errors.</p>	<p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>My Brush needs to be cleaned.</p>	<p>The brush is still moving but with difficulties due to accumulated debris.</p>	<p>Make sure the brush or bearing does not have debris wrapped around it. Follow the brush and bearing cleaning instructions.</p>
<p>Please clean my Brush.</p>	<p>The brush is stuck with debris.</p>	<p>Make sure the brush and bearing do not have debris wrapped around it. Follow the brush and bearing cleaning guide.</p>

<p>Please wait while I check my surrounding.</p>	<p>Botvac is trying to locate itself in the environment.</p>	<p>Give the robot a moment to orient itself in the room. Note: If you pick up the robot and move it in the room it may become disoriented. Avoid picking up the robot during a cleaning cycle. If this is a recurring issue try moving objects around to give the robot better reference points to use for navigating.</p>
<p>Please Dust me off so that I can see.</p> <p>OKAY</p>	<p>The robot cannot sense the environment because the laser is blocked.</p>	<p>Make sure the protective screen film has been fully removed and is not peeling up and blocking the robot's vision. Use a clean cloth to pick up any dirt or dust on or around the turret.</p>
<p>Please empty my Dirt Bin and Filter if needed.</p>	<p>The dirt bin and the filter may be full of dust or debris.</p>	<p>Empty the dirt bin and make sure filter is clear of debris. Put dirt bin and filter back into the robot.</p>

<p>I can't shut down while I am connected to power.</p> <p>OKAY</p>	<p>The robot cannot shutdown while it is connected to the charge base.</p>	<p>Remove your robot from the charge base before attempting to shutdown.</p>
<p>Please check my filter and Dirt Bin.</p> <p>OKAY</p>	<p>There is a problem with the filter or dirt bin.</p>	<p>Make sure the dirt bin is empty, that the filter is in place and not obstructed, and that the dirt bin is properly inserted.</p>
<p>Please put my Dirt Bin back in.</p> <p>OKAY</p>	<p>The dirt bin cannot be detected.</p>	<p>Make sure the dirt bin is in the robot and properly seated in position. The top of the dirt bin should be level with the top of the robot if inserted correctly.</p>
<p>My Right Wheel is stuck. Please free it from debris.</p> <p>OKAY</p>	<p>The right wheel is stuck and the robot is experiencing mobility problems.</p>	<p>Make sure the wheel does not have debris wrapped around it. If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>

<p>My Left Wheel is stuck. Please free it from debris.</p> <p>OKAY</p>	<p>The left wheel is stuck and the robot is experiencing mobility problems.</p>	<p>Make sure the wheel does not have debris wrapped around it.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please put me down on the floor.</p> <p>OKAY</p>	<p>Botvac was picked up. It must be returned to the floor to resume operation.</p>	<p>Place the robot back on the floor.</p>
<p>Please clean my right drop sensor window.</p> <p>OKAY</p>	<p>The right drop sensor window on the under side of Botvac needs to be cleaned.</p>	<p>Gently clean the drop sensors with a soft cloth</p>
<p>Please clean my left drop sensor window.</p> <p>OKAY</p>	<p>The left drop sensor window on the under side of Botvac needs to be cleaned.</p>	<p>Gently clean the drop sensors with a soft cloth</p>

<p>My Bumper is stuck. Please free it.</p> <p>OKAY</p>	<p>The bumper or bumper sensor are being triggered and may be stuck.</p>	<p>Gently tap the bumper to free it — you should hear TWO clicks when the bumper is pressed. One when it is pressed in and one when it pops back out.</p>
<p>Please return me to my base.</p> <p>OKAY</p>	<p>Botvac needs to recharge and cannot find a charge base.</p>	<p>If the cleaning session was started from a charge base:</p> <ol style="list-style-type: none"> 1. End current cleaning cycle. 2. Relocate the charge base to a more open area with at least 3 feet of open space on either side of it so the robot can better locate the charge base when it needs to return for recharging. 3. Take the robot to the charge base and restart the cleaning cycle. <p>If a cleaning was started away from a charge base (example - for spot cleaning or to clean another room without a charge base) then the robot will return to where it started. Pick up the robot and place it on the charge base.</p>

<p>My battery is low. I need to charge my battery before I can clean.</p>	<p>The battery is low and cannot clean until the battery is charged.</p>	<p>Allow the robot to finish charging on the charge base.</p>
<p>Please check that the base is connected to power.</p>	<p>Botvac docked to the charge base but can't charge.</p>	<p>Ensure the charge base is connected to a functioning electrical socket on the wall and located on a flat surface.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>Please set schedule to ON first.</p>	<p>You must turn on the scheduling feature before you can set or change the schedule.</p>	<p>Make sure scheduling is turned on by going to MENU > Schedule > Turn On.</p>
<p>I can't charge. Try moving the base station to a new location.</p>	<p>Botvac is having difficulty getting to or locating the charge base and cannot recharge.</p>	<p>Move the charge base to another location in an open area with 3 feet on either side. Push robot up to charge base to recharge.</p> <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>

<p>Please clear my path. (2000)</p>	<p>Botvac is having difficulty navigating the environment. Some reasons this occurs:</p> <ul style="list-style-type: none"> • The laser is blocked. • It is having difficulty navigating the floor. • The sensors are dirty or not working properly. • The wheels or brush are dirty. 	<p>Follow these steps to troubleshoot:</p> <ol style="list-style-type: none"> 1. Make sure there is nothing preventing the robot from moving forward (e.g., obstacles, tangled in cords, robot is not flat on floor) 2. Make sure nothing in the environment has changed since the robot started cleaning (e.g., furniture moved, robot moved to different room) 3. Make sure the screen sticker that came with the robot has been completely removed. 4. The robot needs to be reset. Push the battery switch UP to OFF, wait 5 minutes and push DOWN to turn back ON. 5. Make sure wheel wells aren't blocked with debris. 6. Make sure the battery is charged <p>If issue persists, please contact Neato Customer Care. Go to neatorobotics.com and click on Support for additional information.</p>
<p>OKAY</p>		

12 NEATO CUSTOMER CARE & PRODUCT REGISTRATION

Visit www.neatorobotics.com and click on the **Support**.

Register your Neato Botvac to stay up to date on software releases and new product information.

Find more helpful information, including frequently asked questions, and tips and tricks for optimal operation.

欢迎！

感谢您购买 Neato Botvac™，欢迎来到人类好帮手 - 机器人的世界。

如果您迫不及待想让机器人为自己工作，只管跳到 Neato Botvac 随附的“入门指南”。本指南是您立即使用机器人必不可少的读本。

如果想熟悉新的机器人朋友，可以先花一些时间阅读本用户手册，了解新机器人的方方面面。事实上，您甚至可以开始考虑给您的新帮手取一个名字！要确保合作成功，需要执行几步重要操作，如准备一个用于清扫机器人的房间，发挥电池的最大功效，以及确定如何定期维护机器人以获得最长的使用寿命。如欲了解上述问题及其他问题的详细信息，并且始终获取最新的信息，可以随时访问 www.neatorobotics.com，然后点击**支持**。在这里可以找到常见问题的答案，获取保持机器人最佳性能的最新提示和诀窍，了解有关软件更新的最新信息。

请随时保持联系。保持联系的最佳方式之一是注册您的机器人 - 只需进入 www.neatorobotics.com，点击 **MyNeato** 并完成注册过程。

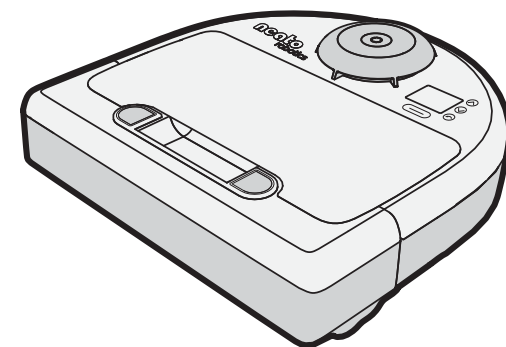
恭喜！您已获得新的家庭帮手，准备在“家务活清单”中划掉几项吧。

Make Life Neater™，
您在 Neato Robotics 的朋友

附注：不要忘记注册您的 Neato Robot。只需访问
www.neatorobotics.com，然后点击 **MyNeato**。

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开始使用之前

- 第一次使用 Neato 机器人之前，请先阅读所有文档。
- 请妥善保管 Neato 机器人文档以供未来使用。

预定用途

⚠ 注意！

本装置不可由 8 岁以下的儿童使用。8 岁及以上的儿童或者身体不便、感官或心理能力弱、缺乏相关经验和知识的人，仅在有人监护或者获得有关如何安全使用装置的指导并且了解相关风险时，才可使用本装置。儿童应有人监护，确保他们不将机器人或充电座当作玩具。没有成人监护的儿童不能对机器人或充电座执行清扫和维护。

危险警告

⚠ 电击风险！

- 在执行任何清扫或维护工作之前，请务必关闭设备。从充电座拔下电源插头。
- 切勿直接拉扯电源线将电源插头拔出而要握住电源插头拔出。
- 从插座拔下电源插头，然后再打开充电座！
- 切勿自行维修设备。电气设备只能由 Neato 客户服务部执行维修。
- 不要将任何尖头物件插入电触点。
- 不要更换触点。
- 切勿通过电源线拖动充电座。
- 如果设备本身或电源线已损坏，不要继续操作机器人。

- 如有损坏，请联系 Neato 客户服务。
- 不要在水中或其它液体中清洁机器人、充电座或电源线。
- 不要在潮湿的地面或者可能接触液体或浸入水中的地方使用机器人。
- 不要在潮湿的环境中（例如，潮湿的浴室）使用机器人。
- 不要在危险的区域（例如，敞开的壁炉、正在使用的沐浴设备或游泳池）使用机器人。
- 确保不要损坏、弯折或扭曲电源线。不在电源线上放置任何重物。否则可能损坏电源线，引起火灾或电击。
- 机器人工作区域悬垂或裸露的缆线、窗帘、桌布或电线要予以整理，防止损坏机器人或造成电击。
- 确保机器人工作范围内没有易碎品、灯具、松散或可移动的物件。

⚠ 火灾危险！

- 不要使用机器人真空吸入热灰或燃烧的烟头。
- 切勿将电池放在明火和/或外部热源加热的地方。
- 切勿在地板上有燃烧的蜡烛或台灯的房间里使用机器人。

⚠ 爆炸危险！

- 不要真空吸入任何易爆或易燃物质。

受伤风险！

- 切勿在身体的任何部位使用机器人。不要靠近儿童或宠物吸尘；身体部位要始终远离运转的滚刷。

夹伤风险！

- 远离运转的部件。

注意！使用不当会导致损坏风险！

- 只能使用 Neato 原装配件。
- 只能对充电座使用型号铭牌上标明的交流电压以及经过专家正确安装的连接。
- 如果充电座、电源线或机器人有故障或已损坏，或者机器人未正确组装，请勿使用机器人。
- 如果电源线或充电座有故障，则必须使用 Neato 原装配件更换，以免发生危险。
- 切勿尝试自行维修机器人。
- 本机器人只能在室内使用。
- 本机器人只能用于清扫地面。
- 确保不要让儿童将机器人当作玩具。
- 使儿童和宠物远离机器人；不要让他们站在或坐在上面。
- 不要使用机器人真空吸入任何洗涤粉。
- 很细小的沙粒、石灰、水泥粉或类似颗粒将会堵塞过滤器的小孔，削弱机器人的性能。
- 未安装过滤器时，切勿使用机器人。否则会损坏电机，缩短机器人的使用寿命。
- 要对机器人充电，只能使用包装箱内的电源线和充电座。

- 不要用贴纸或其它可能挡住红外窗口的物品盖住红外窗口。
- 不要挡住机器人上的传感器。否则机器人无法再辨识方向或与充电座通信。
- 机器人适用于大多数纤维长度最大为 0.7 英寸（20 毫米）的地毯。在地毯上的移动速度可能比在硬木上慢。
- 不要对机器人使用第三方电池。只能使用原装 Neato 标配电池。
- 不要在台面上或者微晶玻璃炉灶上使用机器人。
- 确保机器人工作范围内没有易碎品、灯具或松散的物件。
- 如果跌落传感器脏了，机器人可能会从楼梯或壁架上坠落。这样可能会严重损坏设备。请定期清洁跌落传感器
- 如果机器人工作区域内有阶梯，可在顶部阶梯上使用边界标记围一个清扫区域。在硬木或薄地毯上，距阶梯边缘的最短距离应为大约 0.75 英寸（2 厘米）。在厚地毯上，距阶梯边缘的最短距离应为大约 6 英寸（15 厘米）。这是一项附加安全措施，目的是防止机器人从壁架或阶梯上坠落。

! 激光测距传感器 (LDS)

激光测距传感器包含一个符合 DIN EN 60825-1 标准的 1 类旋转激光器。一般而言，激光器需遵守以下实践规范：

- 在改装或维修之前关闭机器人。
- 不要用激光光束直接照人。
- 不要目视激光的直射或反射光束。
- 不允许操控（改变）或尝试维修设备，特别是 LDS。

! 电磁场

- 机器人符合关于电磁场 (EMF) 的所有标准。
- 根据目前的科学发现，如果正确处理机器人并且遵循用户手册中的说明，使用机器人会很安全。
- 本设备符合 Neato 授权经销商销售所在国家/地区的安全要求。
- 在其它国家/地区使用本设备时，不保证符合当地安全标准。因此，Neato 对于对用户造成的安全风险不承担任何责任。

BOTVAC 工作原理

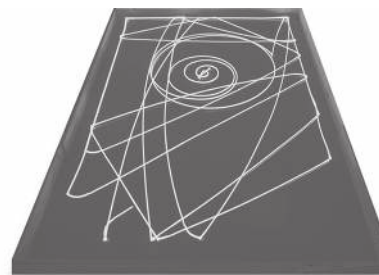
1

Neato Botvac 使用复杂的绘图软件来创建您的住所地图并制定清扫计划。

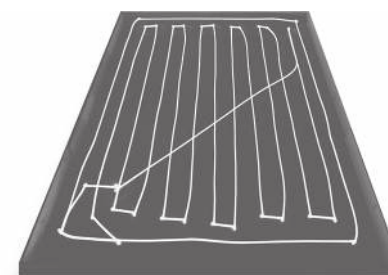
Neato 机器人技术的基础是其获得专利的 Neato Botvision™ - 机器人绘图和导航领域中的一项突破性技术。Botvision 采用了专有激光扫描仪和基于 SLAM（同时定位和绘图）- 与 Google 无人驾驶车使用的技术相同 - 的专有导航软件。这是一项里程碑式的成就 - Neato 以实惠的价格将动辄耗费数千美元的激光扫描技术带入了消费品中。

智能绘图 - Neato 获得专利的激光测距系统会持续扫描房间，根据其外部传感器输入的数据即时做出决定。这可让 Botvac 为其所在的环境创建详细而精确的地图，从而可以有条不紊地来回清扫，在地毯上留下笔直的吸尘线路。

其他机器人



NEATO 机器人



Neato Botvac 不像其他机器人真空吸尘器一样到处碰撞，而是使用获得专利的 Neato Botvision 扫描房间并创建地图，进行规划，然后有条理地清扫。

提示！提供动力

不使用时进行充电，确保其随时可以清扫，并且维护电池。

提示！设置清扫边界

Botvac 会清扫其可到达的任何地方。如果您不想让机器人清扫某一区域，只需放置边界标记即可。机器人将会清扫到边界标记，但不会越过边界标记。有关详细信息，请参阅“边界标记”一节。

提示！合理维护

由于 Botvac 机器人吸尘器整天与脏东西打交道，因此会变得有点脏。有关详细信息，请参阅“维护”一节。

重要信息！使用不当会导致损坏风险

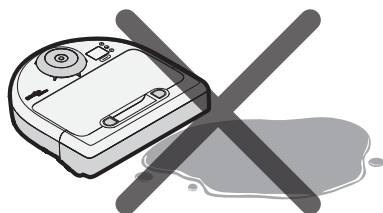
移走地板上的灯、易碎物品或可移动物体。
从要清扫的区域移走粗毛的地毯。

重要信息！不要让它接触水、化学品或其他易产生霉菌的液体

请勿用 Botvac 清理湿垃圾。

请勿对 Botvac 进行冲洗，或将其浸入水中。

请勿让 Botvac 接触刺激性化学品
或任何染色剂。

**重要信息！确保 Botvac 不会碰到吊索并且低于地面台布和窗帘**

为确保 Botvac 和房间的安全，确保其不会碰到桌布、窗帘、悬挂的电线或其他类似于绳线的物品。

重要信息！不要使其冷冻

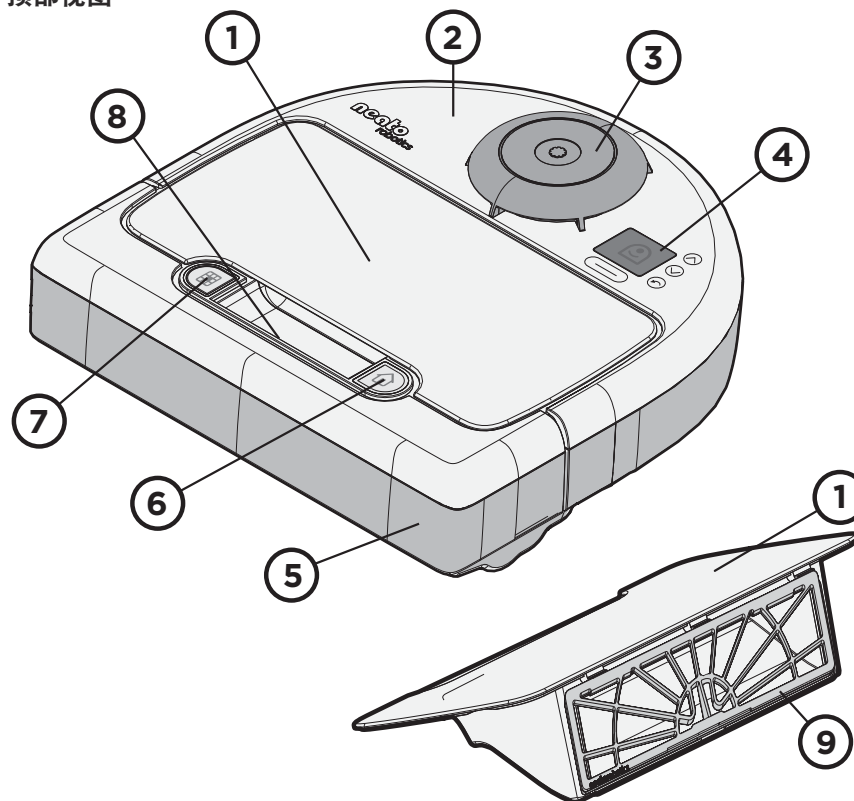
将 Botvac 暴露于冻结温度下可能会导致永久损坏。

重要信息！不要在室外使用或存放

Botvac 是室内设备，不可在室外使用。请在房内使用和存放。

NEATO BOTVAC™ 分解图

顶部视图




1 尘盒

2 Botvac 顶盖

3 激光器顶盖

4 显示屏

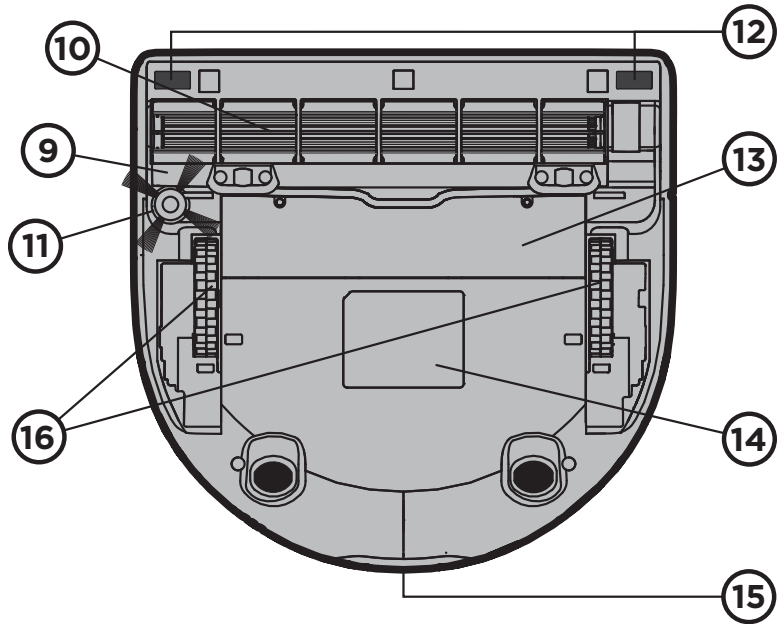
5 缓冲器

6 “清扫房间”按钮 7 “定点清扫”按钮 

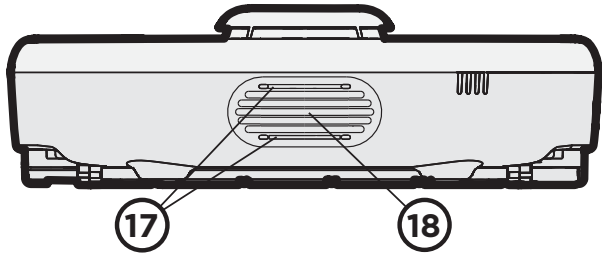
8 Botvac 握持手柄

9 过滤器

底部视图

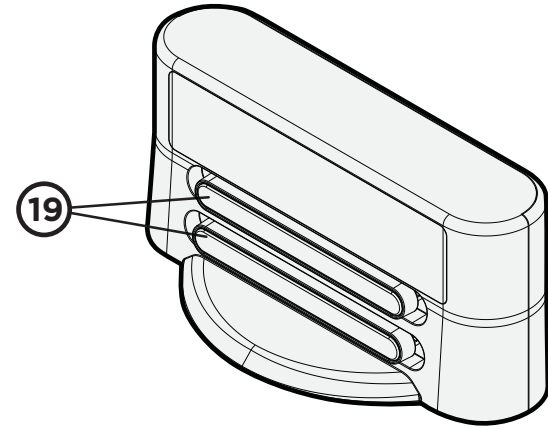


背面视图

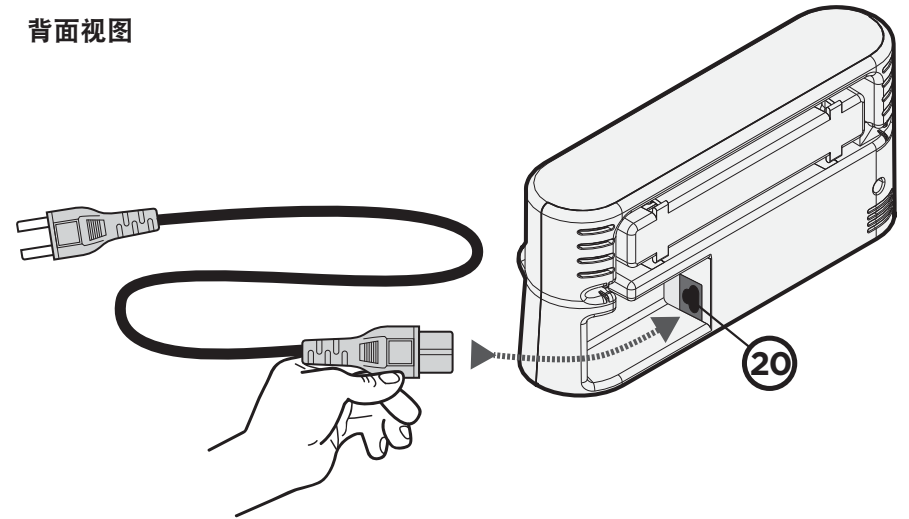


- 9 清扫刷保护板
- 10 清扫刷
- 11 侧刷
- 12 跌落传感器窗口
- 13 电池盖
- 14 标签 (包含序列号)
- 15 充电触点
- 16 滚轮
- 17 充电触点
- 18 吹风机通风口

充电座
正面视图



背面视图

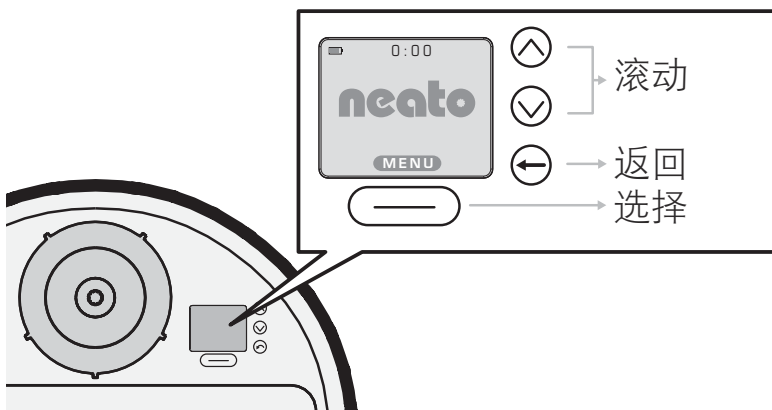


- 19 金属充电板 (2)
- 20 将电源线稳固地插入充电底座

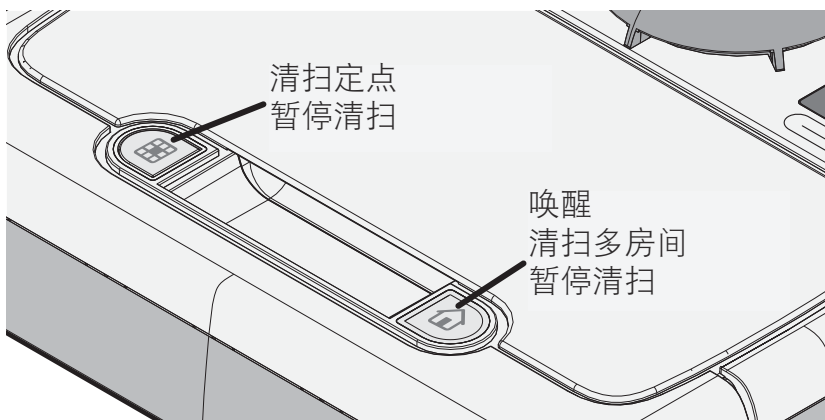
3

控件

显示控件



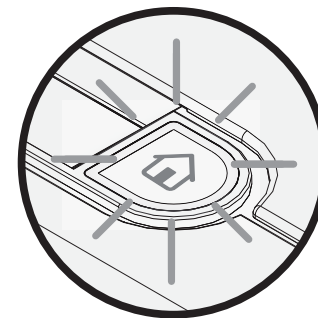
按钮



状态指示灯

右侧按钮周围的 LED 用于指示：

- 电池状态
- 错误状况 - 关于错误或警报的说明，请查看显示屏



状态指示灯

常亮绿色

充满电，准备清扫。

闪烁绿色

正在充电，但未充满，可以进行清扫。

闪烁琥珀色

正在充电，不能进行清扫。

常亮琥珀色

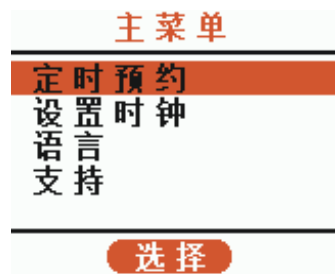
错误，查看屏幕上的消息

设置语言

按屏幕下方的**选择**按钮进入主菜单。



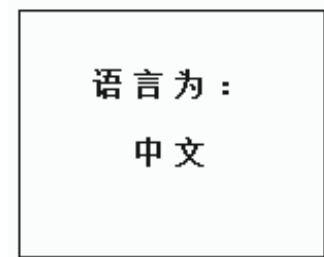
使用**滚动**按钮向下滚动到**语言**，然后按**选择**按钮。



使用**滚动**按钮向下滚动，找到您要使用的语言。



按屏幕下方的**选择**按钮选择语言。

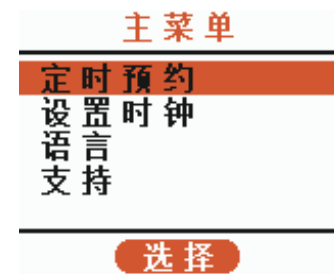


设置时钟

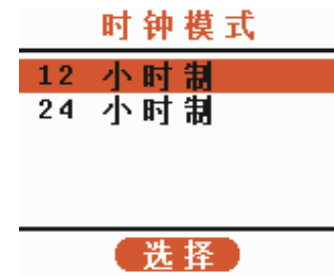
按屏幕下方的**选择**按钮进入主菜单。



使用**滚动**按钮向下滚动到**设置时钟**，然后按**选择**按钮。



使用**滚动**按钮选择**12小时**或**24小时**时钟模式，然后按**选择**按钮。



使用**滚动**按钮选择**日期**，然后按**选择**按钮。



清扫

使用滚动按钮设置小时，然后按选择按钮。



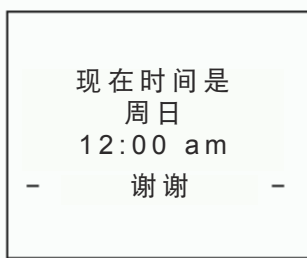
使用滚动按钮设置分钟，然后按选择按钮。



如果时间正确，按选择按钮保存时间。




屏幕上将会显示确认消息。



Botvac 有两种清扫模式 - 多房间清扫和定点清扫。

- 多房间清扫模式将会清扫您的房间。
- 定点清扫模式将会清扫 4 英尺 (1.2 米) x 6 英尺 (1.8 米) 的区域。

重要信息！ 要开始清扫，右侧按钮周围的 LED 必须为常绿或闪烁绿色，并且必须开启 Botvac。

- 如果右侧按钮不是常绿或闪烁绿色，请将 Botvac 放在充电座上充电。
- 如果屏幕未亮起，请按右侧按钮  唤醒 Botvac。

多房间清扫  模式

按下尘盒下方带  图标的右侧按钮。

屏幕将指示 Botvac 是否在清扫房间。

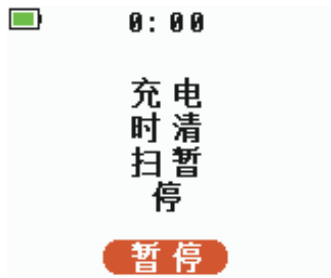
Botvac 将离开充电座，开始扫描区域。



如果区域面积小于 15 英尺（4.5 米）× 15 英尺（4.5 米），将会清扫区域的边界，然后来回直线清扫边界内部。

如果区域面积大于 15 英尺（4.5 米）× 15 英尺（4.5 米），将会创建大约 15 英尺（4.5 米）× 15 英尺（4.5 米）的虚拟房间，先清扫边界，然后来回直线清扫虚拟房间的内部。然后移到下一个虚拟房间进行真空吸尘。根据房间的大小和结构，可能在清扫完一个房间后再进入另一个房间，也可能未清扫完一个房间即进入另一个房间。在清扫工作完成之前，会继续“分段”清扫，并且使用先进的 SLAM 技术记录已清扫和尚未清扫的区域。

从充电座开始：如果 Botvac 从充电座开始，而且在工作完成之前需要重新充电，它将导航回充电座，摆动到充电座重新充电。LCD 上将会显示“正在充电，清扫暂停”消息。充电时，它处于暂停清扫模式。



在重新充电之后，Botvac 将回到原来离开的地方继续清扫。Botvac 最多可以执行三轮清扫，在各轮清扫之间可以进行两次重新充电。在第三轮清扫之后，它将停在充电座上重新充电。


不从充电座开始：如果 Botvac 不是从充电座开始，但其电量不足以完成清扫工作，它将自动返回开始处，然后请求您将其放回充电座重新充电。

充电时，它处于暂停清扫模式。充电完成后，请将机器人放在距离其之前返回充电处两英尺的范围内，再次按“开始”，它将返回暂停处完成清扫工作。如果未完成清扫工作，它将重复此操作。



定点清扫 模式

定点模式用于清扫小区域。定点模式将会清扫 Botvac 前面 4 英尺（1.2 米）× 6 英尺（1.8 米）的区域。

要启动定点模式，请将 Botvac 放在地板上，朝向要清扫的区域。按下左侧按钮 - 带  图标。屏幕将显示 Botvac 在进行定点清扫。



Botvac 将会扫描区域，向右转，清扫 4 英尺（1.2 米）× 6 英尺（1.8 米）区域的边界。

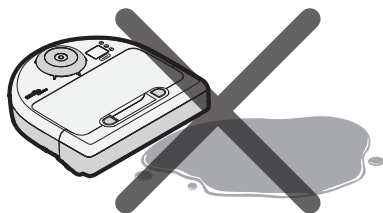
然后来回直线清扫区域内部，最后返回开始位置，如果它在清扫时看到了充电座，此时就会返回充电座并爬上去。

提示！要使 Botvac 进入睡眠状态，按住**开始按钮** 2 秒钟，屏幕上的指示灯将会熄灭

提示！清理摆放玩具和衣物等小物件的区域 - 家具也可以。

重要信息！捆扎丝线、窗帘和其它低垂物件。

重要信息！使 Botvac 远离液体和潮湿区域。移走或盖上宠物碗和植物托盘。



提示！为防止 Botvac 进入您不想它去的地方，可以放置包装中的边界标记。有时用胶带将它们固定到位很有用。有关详细信息，请参阅“边界标记”一节。

重要信息！Botvac 只适用于房间内清扫，不可将其用于户外清扫或在冻结温度下使用。

提示！请注意，光滑的表面和黑色地板可能干扰 Botvac 运作。

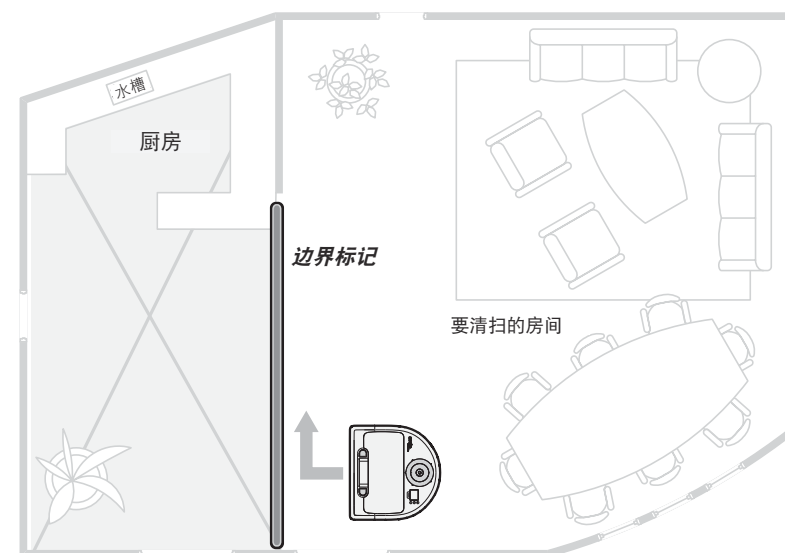
边界标记

7

边界标记可让您在不存在边界的地方创建一个边界。可用以指示 Botvac 哪些地方不能去。

适合使用边界标记的情况诸如：

1. 如果房间内计划清扫的面积很大，如以下房间布局，而您不希望机器人清扫阴影区域，便可使用边界标记。



- 将边界标记紧贴地板从一面墙拉到对面墙，即可封锁一个区域。
- Botvac 机器人吸尘器将会在启动所在的边界标记的一侧清扫地板。机器人能够识别边界标记，且不会越过边界标记。

2. 如果您不希望机器人靠近某个物件，例如，电线、宠物餐具或玩具，可在该物件或区域周围放置边界标记。

重要信息！ 楼梯上的厚地毯可能会影响机器人的导航系统（覆盖薄地毯的楼梯则没问题）。为了确保机器人看到楼梯，在距离楼梯边缘 6 英寸处放置边界标记。

提示！ 可以使用剪刀将边界标记的长度剪短。

提示！ 可以使用可移胶带，例如电器胶带或涂漆用胶带将边界标记固定在地板上。

定时预约

8

可以安排 Botvac 每天清扫一次房间。

为确保 Botvac 清扫整个房间，请将其放在充电座上。如果其电池电量不足，就会回到充电座重新充电，然后从离开的地方继续清扫（最多可以重新充电两次）。

要安排**多房间**清扫，请按屏幕下方的**选择**按钮，进入**主菜单**。



按屏幕下方的**选择**按钮选择**定时预约**。

“**定时预约**”菜单可让您**设置**新的预约清扫或**更改**预约清扫。您可以安排每天清扫一次**多房间**，也可以根据需要安排在一周中每天的不同时间进行清扫。

“**定时预约**”菜单还允许您删除一天的预约（**移除日期**）或者关闭所有预约清扫。

以下是预约在**周六 12:00 am** 清扫房间的操作序列和屏幕。

按屏幕下方的**选择**按钮。



使用**滚动**按钮向下滚动到**周六**，按下面的**选择**按钮。



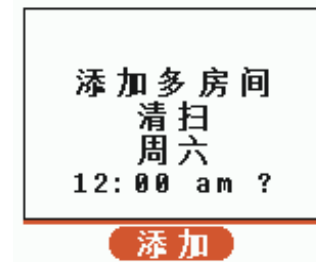
按**选择**按钮选择小时。前移小时以便正确选择上午/下午。



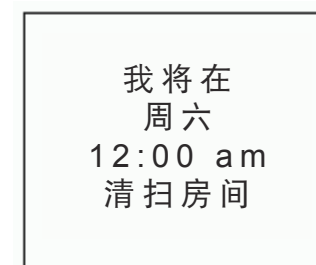
按**选择**按钮选择分钟。



按**选择**按钮确认预约清扫。



确认预约清扫屏幕。



 **提示！**如果电池电量非常低，Botvac 将失去它的时钟设置。使用菜单重新设置时间和日期

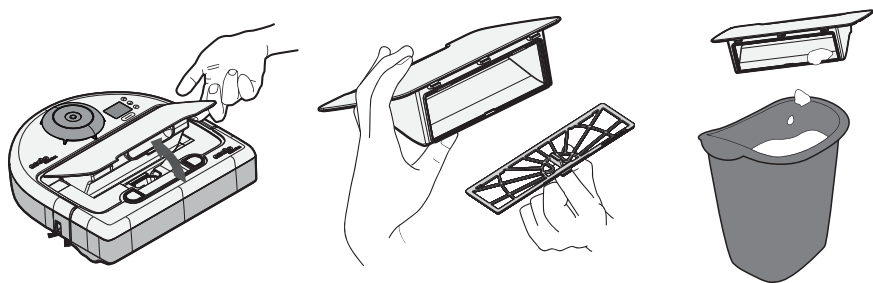
9

维护

重要信息！ 保持 Botvac 清洁对于其发挥最佳性能很重要。

清洁过滤器

为确保实现最佳性能，请在每次使用后清空 Botvac 尘盒并清洁过滤器。



1. 取出尘盒。
2. 取下过滤器。
3. 将尘盒内垃圾清空倒入垃圾箱。对着垃圾箱轻敲过滤器，清除剩余的灰尘。
4. 更换过滤器并确保其紧固到位。将尘盒插回 Botvac 并确保其完全咬合。

提示！ 每隔一两个月更换一次 Botvac 过滤器。决定过滤器更换频率的因素包括：真空吸尘频率、清扫区域的大小及其吸入的灰尘、碎屑和宠物毛发量。

提示！ 访问 www.neatorobotics.com，并点击**何处购买**，查找可以购买 Neato 原装配件的零售店。

清洁滚刷和轴承

滚刷要经常清洁。大部分毛发及其它碎屑会吸入到尘盒中，但有一部分会粘在滚刷上，从而影响清扫性能。要清洁滚刷，请遵循以下步骤：

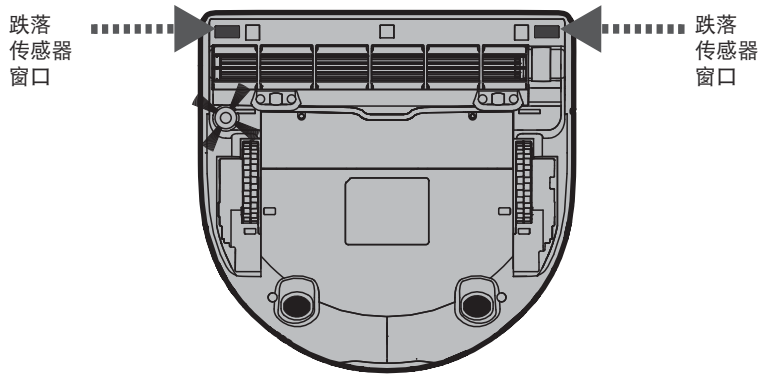
1. 倒置 Botvac。
2. 将手指放在滚轮前面的滚刷护板下面，轻轻地向上拉滚刷护板，直到其弹出。取下滚刷护板。
3. 轻轻地取出滚刷。
4. 清除滚刷上的任何碎屑。使用一块微湿的布擦拭滚刷边缘和中心，清除上面的灰尘。
5. 取出滚刷端部的金属轴承，用布清洁。要取出轴承，请通过手指或小型平头螺丝刀用力取出轴承。将轴承重新安装到滚刷上。
6. 将六边形的橙色端盖插入电机一侧，使金属轴承端最靠近壁侧，重新装上滚刷。
7. 重新装上滚刷护板，使其卡入到位。确保其正确定位于缓冲器后面，并且紧锁于后部。

为确保实现最佳性能，请定期更换滚刷，或者在刃边或毛鬃损坏时更换。您可以通过我们的合作伙伴购买滚刷更换件。

访问 www.neatorobotics.com，点击**何处购买**。

清洁跌落传感器

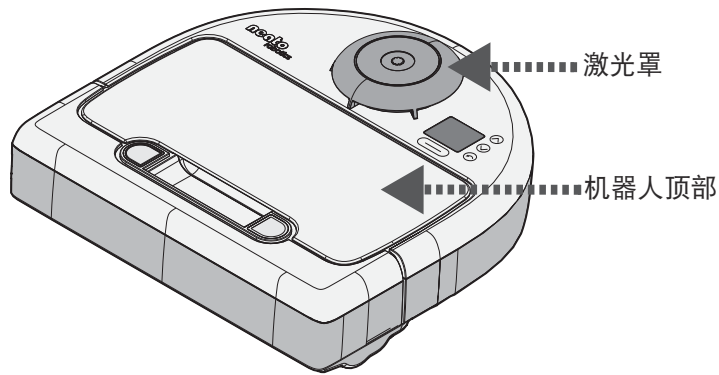
使用棉签定期清洁 Botvac 底部的跌落传感器窗口 (2) (见下图)。



清扫 BOTVAC 顶部







用湿布定期清洁 Botvac 顶部。

确保激光罩下没有聚积灰尘。如果有任何脏物或碎屑，应予清除，以便激光准确导航您的房间。



何处购买 NEATO BOTVAC™ 原装配件

访问 www.neatorobotics.com，点击何处购买，查找您的 Botvac 的更换配件和部件。

组合滚刷	长度 = 10.875 英寸/276 毫米 最适合吸收宠物毛发的滚刷。 在硬木地板上使用非常安静。	
叶片滚刷	长度 = 10.875 英寸/276 毫米 在所有类型的地板上都可获得卓越的清扫性能。	
侧滚刷	适用于精确清扫边缘。	
标准过滤器	表面积 = 13.1 平方英寸/85 平方厘米	
高性能过滤器	表面积 = 84.7 平方英寸/547 平方厘米 可以吸入小至 0.3 微米的颗粒 - 细微灰尘颗粒量超过标准过滤器的三倍。	
尘盒	大小: 0.7 升 尘盒越大越好，因为容量更大，清空也很简便。	
边界标记	通过磁条可让 Botvac 清扫指定的区域。	
电池	充电式 NiMH 12V 3600 mAh 电池。	
充电座	如果家中有楼梯，最好使用额外的充电座。	

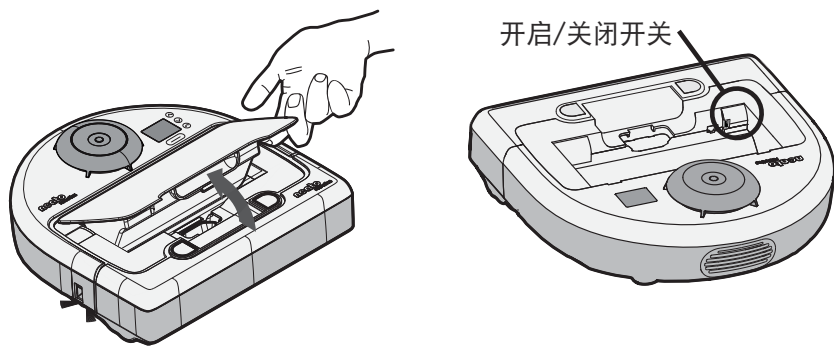
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电池和充电座

电池开关

为延长电池的使用寿命，Botvac 在出厂时，电池开关处于“关闭”位置。

要连接电池，请打开尘盒，按下**开启/关闭**开关。



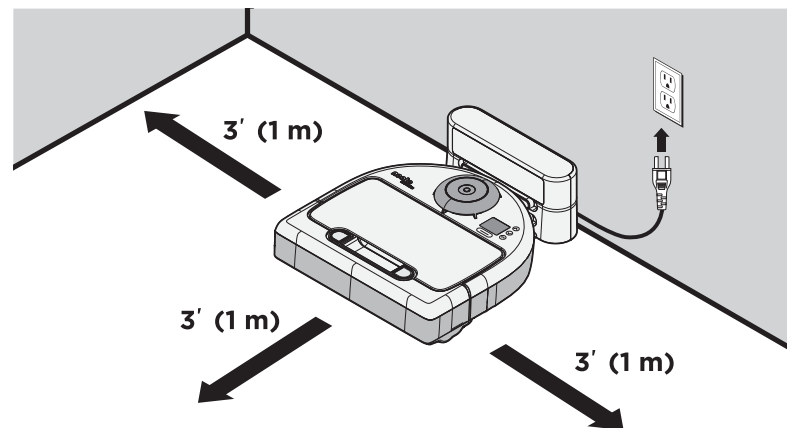
开启/关闭开关：

- 将**开启/关闭**开关向上推，**关闭**机器人。
- 按下**开启/关闭**开关，**开启**机器人。

提示！如果长时间不使用 Botvac，请将尘盒中的电池开关**向上**推至**关闭**位置，这样可以延长电池的使用寿命。

充电座的位置

选择一个充电座两边及前方空隙达 3 英尺（1 米）的壁装电源插座。这可帮助您的 Botvac 找到充电座。



电池充电时间

Botvac 充满电需要两到三个小时。当电池充满后，状态指示灯将变为常绿。影响充电时间的因素有许多。

- **电池电量：**如果电池电量将要耗尽，充电时间约需三小时。如果电池还有部分电量，充满所需时间就会短一些。
- **房间环境：**在阴凉干爽区域的硬表面上充电更快。在热天、地毯上充电时间更长。

第一次使用 Botvac 之前，建议通宵充电。经过三次完整的充电循环可以优化电池的性能。

电池校准

您可以重新校准 Botvac 的电池，以改善电容量，延长充电间隔时间。在以下情况下应重新校准电池：

- Botvac 是新的
- 电池是新的
- 更新了软件
- 扩大了清扫区域
- Botvac 运行时间低于额定值

请按照以下步骤重新校准 Botvac 的电池。

1. 关闭所有预约清扫。
2. 进入“菜单”->“支持”->“新电池”重置电池。
3. 将其通宵放在充电座上，确保充满电。
4. 运行机器人，直到其清扫完您要清扫的最大面积，或者其显示屏上显示“电池电量不足”，需要重新充电。
5. 将其放在充电座上充满电，直到状态指示灯常绿。
6. 像平常一样运行机器人，直到其需要再次充电。
7. 再重复步骤 6 两次。

改善电池使用寿命

遵循几条简单的规则，有助于延长电池的使用寿命。保养电池的方式以及电池的使用量会影响电池的使用寿命。以下是优化电池的一些提示。

- **不使用 Botvac 时将其放在充电座上 - 避免阳光和热源，放在平坦的表面上。** 确保充电座位于阴凉、干爽的地方，远离阳光或其它热源，如暖气出口。将充电座放在平滑的硬表面上。厚地毯可能会导致充电座倾斜，使其无法与充电座适当接触。
- **在存储 Botvac 时要断开电池或者关闭机器。** 如果您要外出，长期不使用机器人，请将电池充满电，然后断开电池以进行存储，断开方法是将尘盒中的电池开关向上推至关闭位置。若要再次使用 Botvac，请按下电池开关以重新连接电池，然后充满电。
- **电池放电后要尽快充电。** 如果电池电量不足，并且 LED 亮起琥珀色或闪烁琥珀色，请尽快对电池充电。
- **保持 Botvac 过滤器和滚刷的清洁。** 如果过滤器或滚刷被毛发或其它碎屑堵塞，真空吸尘器的负担将会加重，从而会比平时耗用更多的电量。确保定期清洁过滤器和滚刷。
- 如果遇到有关充电、运行时间或其它电池相关的任何问题，请参阅“电池校准”一节。

电池更换

由于充电式电池的使用寿命有限，因此需定期更换电池。电池的使用寿命取决于使用 Botvac 的方式。如果电池在使用 6 个月后运行时间减少，可能必须更换电池。每当电池经过一个充电和放电的循环，就会损失一些容量。

温度较高也会影响电池的使用寿命。建议尽量将 Botvac 放在家中阴凉的地方以减少热量。

在我们合作伙伴的网站中可以找到 Botvac 的更换电池。
访问 www.neatorobotics.com，点击[何处购买](#)。

故障排除

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警报：

警报消息用于告知 Botvac 的状况，但应该不会影响其清扫功能。这些屏幕只是暂时出现，按下“确定”便可关闭。

屏幕信息	含义	相应措施
<p>需要更新软件， 请访问网络 服务中心。</p> <p>确定</p>	机器人上的软件需要更新	如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com ，然后点击 支持 ，了解更多信息。
<p>请打开我的 垃圾盒并按下 按钮开关。</p> <p>确定</p>	电池开关设置为“关闭”，电池未充电，机器人无法运行。	打开尘盒，按下电池开关。将尘盒装回机器人中，然后按 确定 继续使用。确保机器人充满电后再清扫。第一次对机器人充电时，确保通宵充电。
<p>0:00 清扫 清扫 暂停</p> <p>暂停</p>	机器人需要返回充电座重新充电。当机器人完成充电后，会回到原来离开的地方完成清扫。	让机器人返回充电座重新充电。如果它已经在充电座中，请将机器人留在充电座中重新充电。

错误:

错误消息需要引起关注，然后才可继续使用 Botvac。LED 将亮起红色，通知您有错误。错误消息会一直显示，直到您更正错误状况和/或按下“确定”键予以清除。

屏幕信息	含义	相应措施
<p>请按下“确定”以重新启动。 电池问题 (8000)</p> <p>确定</p>	<p>电池遇到错误。</p>	<p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击 支持，了解更多信息。</p>
<p>请按下“确定”以重新启动。 电池问题 (0003)</p> <p>确定</p>	<p>电池电量不足或需要充电。</p>	<p>按确定</p> <p>将机器人放在充电座中，直到状态指示灯变绿。</p> <p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击 支持，了解更多信息。</p>
<p>请按下“确定”以重新启动。 电池问题 (0004)</p> <p>确定</p>		

<p>请按下“确定”以重新启动。 电池问题 (0005)</p> <p>确定</p>	<p>电池有问题。</p>	<p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击 支持，了解更多信息。</p>
<p>请按下“确定”以重新启动。 电池问题 (0006)</p> <p>确定</p>		
<p>请按下“确定”以重新启动。 电池问题 (0007)</p> <p>确定</p>	<p>机器人温度太低或所处环境过冷，因此无法正常运行。</p>	<p>在比较温暖的环境中对机器人充电。</p>
<p>请等待我冷却电池。</p> <p>确定</p>	<p>电池过热。 可能是阳光直射或处于很热的环境中所致。</p>	<p>让机器人冷却下来，然后重试运行。尝试将机器人放在阴凉的区域。</p> <p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击 支持，了解更多信息。</p>

<p>请按下“确定”以重新启动。 电池问题 (0002)</p>	<p>电池连接不正确。</p>	<p>按确定 打开尘盒，确保尘盒左侧的开启/关闭开关处于向下的位置。装回尘盒。 如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>
<p>请按下“确定”以重新启动。 电池问题 (0008)</p>		
<p>请按下“确定”以重新启动。 电池问题 (0009)</p>		
<p>我必须重设。 请按下“确定”以重新启动。</p>		<p>发生了错误。</p>

<p>我的风扇卡住了。 请按下“确定”以重新启动。</p>	<p>吹风机无法正常工作。</p>	<p>确保安装了过滤器，吹风机风扇未堵塞，并且机器人背部的排气孔未堵塞。 如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>
<p>请联系客户支持。 测试未完成。</p>		<p>需要检查 Botvac 是否有错误。</p>
<p>滚刷需要清洁。</p>	<p>滚刷仍可运转，但因积聚的碎屑而运转困难。</p>	<p>确保滚刷或轴承没有被碎屑包住。按照滚刷和轴承清洁说明操作。</p>
<p>请清洁滚刷。</p>	<p>滚刷被碎屑卡住了。</p>	<p>确保滚刷和轴承没有被碎屑包住。遵循滚刷和轴承清洁指南。</p>

<p>请等待定位，请稍候。</p>	<p>Botvac 正在尝试在环境中进行自我定位。</p>	<p>给机器人一定时间，使之确定自己在房间中的位置。注意：如果您拿起机器人在房间移动，机器人可能会辨不清方向。在清扫期间不要拿起机器人。如果此问题反复出现，请尝试移动周围的物体，为机器人提供更好的导航参考点。</p>
<p>请除净灰尘，以免遮挡我的视线。</p> <p>确定</p>	<p>机器人无法感应环境，因为激光被挡住了。</p>	<p>确保屏幕保护膜已完全撕下，机器人的视角没有被挡住。 使用一块干净的布吸掉转台上或周围的任何脏物或灰尘。</p>
<p>按需清空垃圾盒及过滤器。</p>	<p>尘盒和过滤器可能充满灰尘或碎屑。</p>	<p>倒空尘盒，确保过滤器中没有碎屑。将尘盒和过滤器装回机器人中。</p>

<p>充电状态，无法关机。</p> <p>确定</p>	<p>机器人在连接到充电座时不能关闭。</p>	<p>在尝试关机之前，请将机器人从充电座上取下。</p>
<p>请检查我的过滤器和垃圾盒。</p> <p>确定</p>	<p>过滤器或尘盒有问题。</p>	<p>确保尘盒为空，过滤器已就位且未堵塞，尘盒已正确插入。</p>
<p>请将清空放回。</p> <p>确定</p>	<p>检测不到尘盒。</p>	<p>确保尘盒在机器人中，并且已正确安装到位。尘盒若已正确插入，其顶部应与机器人顶部平齐。</p>
<p>右轮卡住了。请清除其中的碎屑。</p> <p>确定</p>	<p>右轮被卡住，机器人遇到移动性问题。</p>	<p>确保轮子没有被碎屑包住。 如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>

<p>左轮卡住了。 请清除其中的碎屑。</p>	<p>左轮被卡住，机器人遇到移动性问题。</p>	<p>确保轮子没有被碎屑包住。 如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>
<p>请将我放在地面上。</p>	<p>Botvac 被拿起。必须让其回到地板继续作业。</p>	<p>将机器人放回地板上。</p>
<p>请清洁我右侧的跌落传感器窗口。</p>	<p>Botvac 下方的右侧跌落传感器窗口需要清洁。</p>	<p>用一块软布轻轻地清洁跌落传感器</p>
<p>请清洁我左侧的跌落传感器窗口。</p>	<p>Botvac 下方的左侧跌落传感器窗口需要清洁。</p>	<p>用一块软布轻轻地清洁跌落传感器</p>

<p>缓冲器卡住了。 请释放它。</p>	<p>缓冲器或缓冲器传感器被触发，可能被卡住了。</p>	<p>轻按缓冲器将其释放 - 按压缓冲器时应会听到两声卡嗒声。一声是按压时所发，一声是它弹回时所发。</p>
<p>请我放回基座。</p>	<p>Botvac 需要重新充电，但找不到充电座。</p>	<p>如果清扫作业是从充电座开始：</p> <ol style="list-style-type: none"> 1. 结束当前的清扫周期。 2. 将充电座重新放置到一个更为开放的区域，充电座的任一侧至少要有 3 英尺的敞开空间，这样机器人在需要返回充电时更容易找到充电座。 3. 将机器人放到充电座上，重新启动清扫循环。 <p>如果清扫是在充电座以外开始（例如，定点清扫或者清扫其它没有充电座的房间），则机器人将会返回其开始的位置。拿起机器人，将其放到充电座上。</p>

<p>电量不足。 需要 充电后 才可清扫。</p>	<p>电池电量不足，除非进行充电，否则无法清扫。</p>	<p>让机器人在充电座上完成充电。</p>
<p>请检查 基座是否 已连接机。</p>	<p>Botvac 已放入充电座，但无法充电。</p>	<p>确保充电座已连接到运作正常的墙上电源插座，并且放在平坦的表面上。</p> <p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>
<p>请“开启” 定时预约。</p> <p>确定</p>	<p>必须打开定时预约功能，然后才可设置或更改定时预约。</p>	<p>确保已进入“菜单” > “定时预约” > “开启”开启了定时预约功能。</p>
<p>充电 充电。 尝试将基座 移至新位置。</p> <p>确定</p>	<p>Botvac 找不到充电座，或者找到充电座但无法重新充电。</p>	<p>将充电座移至另一个位置，确保其任一側都有 3 英尺的敞开区域。将机器人推到充电座上以重新充电。</p> <p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>

<p>请清理 我的路径。 (2000)</p> <p>确定</p>	<p>Botvac 难以在环境中导航。</p> <p>导致这种情况的部分原因：</p> <ul style="list-style-type: none"> • 激光被挡住。 • Botvac 难以在地板上导航。 • 传感器很脏或者无法正常工作。 • 滚轮或滚刷脏了。 	<p>按照以下步骤进行故障排除：</p> <ol style="list-style-type: none"> 1. 确保机器人的前进路上没有任何阻碍（例如，障碍物、缠绕在一起的绳线、机器人未平放于地板上） 2. 确保自机器人开始清扫后，环境中没有任何改变（例如，家具搬动、机器人被移至另一个房间） 3. 确保机器人随附的屏幕贴膜已完全撕下。 4. 机器人需要重置。将电池开关向上推至关闭位置，等待 5 分钟，然后向下推回开启位置。 5. 确保轮舱未被碎屑堵塞。 6. 确保电池已充电 <p>如果问题持续存在，请联系 Neato 客户关怀部门。访问 neatorobotics.com，然后点击支持，了解更多信息。</p>
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12 NEATO 客户关怀和产品注册

访问 www.neatorobotics.com，点击支持。

注册您的 Neato Botvac，获取最新的软件版本和新产品信息。

了解更多相关信息，包括常见问题以及实现最佳运行的小窍门。



neato™

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