

iHome

AUTOVAC

NOVA S1 PRO

Scan the QR code below for a guided setup.

Watch the setup video, get the iHome Clean app, activate your warranty, purchase accessories, get support and more!



Place QR Code
Here.



NOTE: QR code is also included on the bottom
of the robot for your convenience.

Owner's Guide
Model iHRVS1 Pro



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Questions? Contact Customer Service

Web/Email: iHomeclean.com

Phone: 877-370-4580

SAFETY

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Before using this product, please read the following safety instructions and follow all safety precautions. Any operation inconsistent with this instruction manual may cause damage to this product.

WARNING – To reduce the risk of fire, electric shock, or injury:

- Do not use products in environments with open flames or fragile objects.
- Do not allow human hair, clothes, fingers and other parts to approach the opening and operate parts of the product.
- Do not allow the Nova S1 Pro to pick up objects such as stones and waste paper that may clog product.
- Do not allow the Nova S1 Pro to pick up flammable substances such as oil, printer toner and photocopier toner.
- Do not allow the Nova S1 Pro to pick up any burning articles, such as cigarettes, matches, ashes and other articles that may cause fire.
- Do not place objects near the suction port. Do not use the product when the suction port is blocked. Clean up the garbage dust, wool, hair, etc to ensure smooth air circulation at the suction port.
- Use the power cord carefully to avoid damage. Do not use the power cord to drag or pull the product and the charging base. Do not use the power cord as a handle.
- Only authorized technicians can disassemble this product. Users are not recommended to disassemble this product by themselves. Doing so will void warranty.
- Only use the included power adapter. Third part adapters may damage the Nova S1 Pro.
- Do not touch wires, sockets or power adapters when your hands are wet.
- Do not place this product near cigarette butts, lighters and other materials with smoldering fire.
- Please clean Dustbin and brushes regularly.
- Do not place any object, pets or people on top of the Nova S1 Pro.
- This product is an indoor household product. Do not use outdoors.
- Do not use this product in wet environment i.e, bathroom.
- Before using this product, please clear the floor of all objects other than furniture as some small objects may obstruct, get caught in, or damage the Nova S1 Pro.
- Please use and store Nova S1 Pro in room temperature environments only.

FCC Information

1: 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.

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

NOTE: 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 generates 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 or more 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.

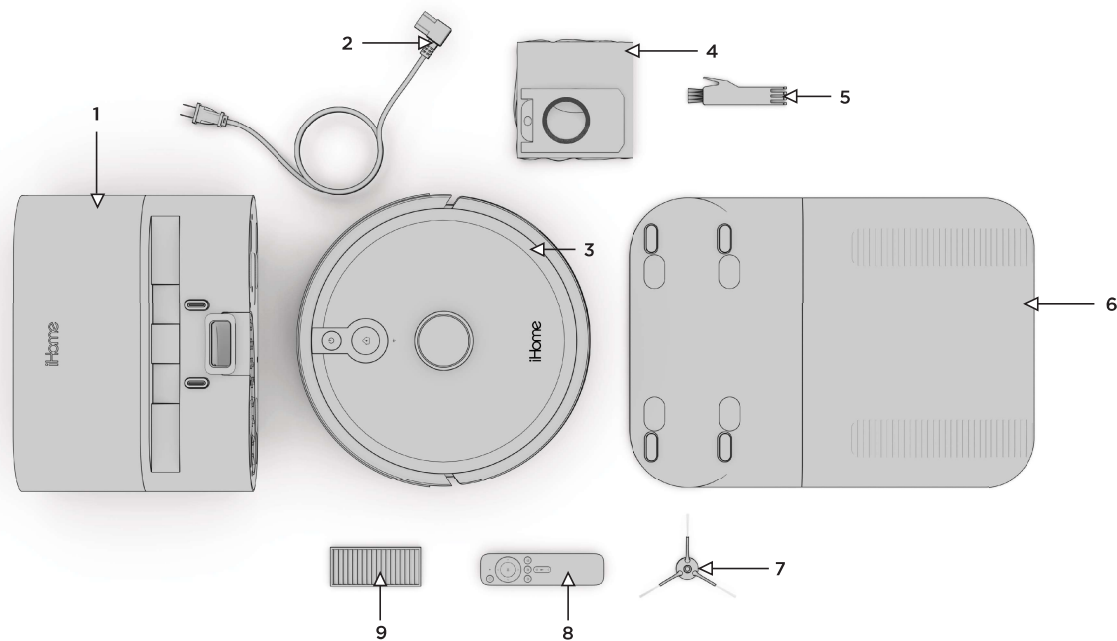
IN THE BOX

2

- 1: Auto Empty Base
- 2: Power Cable
- 3: Autovac Nova S1 Pro

- 4: Extra Dust Bag
- 5: Cleaning Tool
- 6: Parking Plate

- 7: Side Brush
- 8: Remote
- 9: HEPA Filter



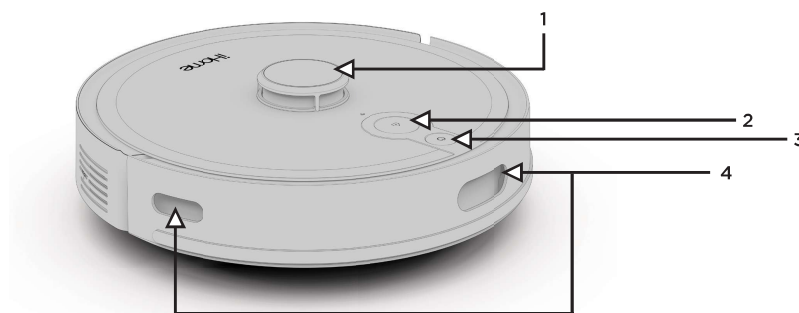
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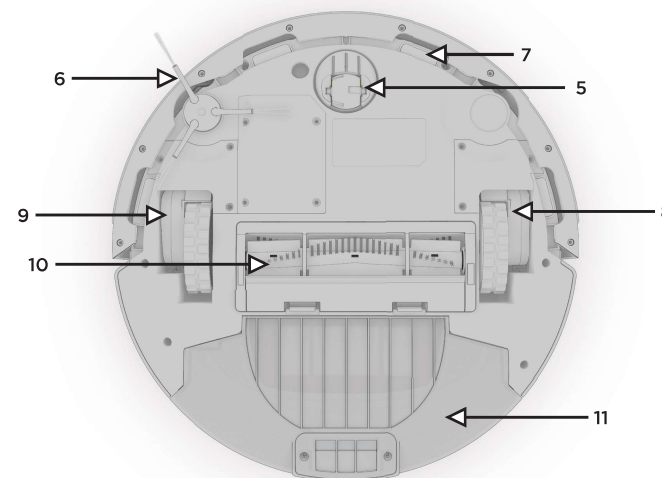
PRODUCT OVERVIEW

3

FRONT



BOTTOM



BACK



1: 360 LIDAR Module
2: Home Button
3: Power Button

4: Infrared Sensors
5: Omnidirectional Wheel
6: Side Brush

7: Detection Sensors
8: Right Wheel
9: Left Wheel

10: Main Brush
11: Dustbin
12: Charging Contacts

13: Bin Release Button
14: Dust Collection Port

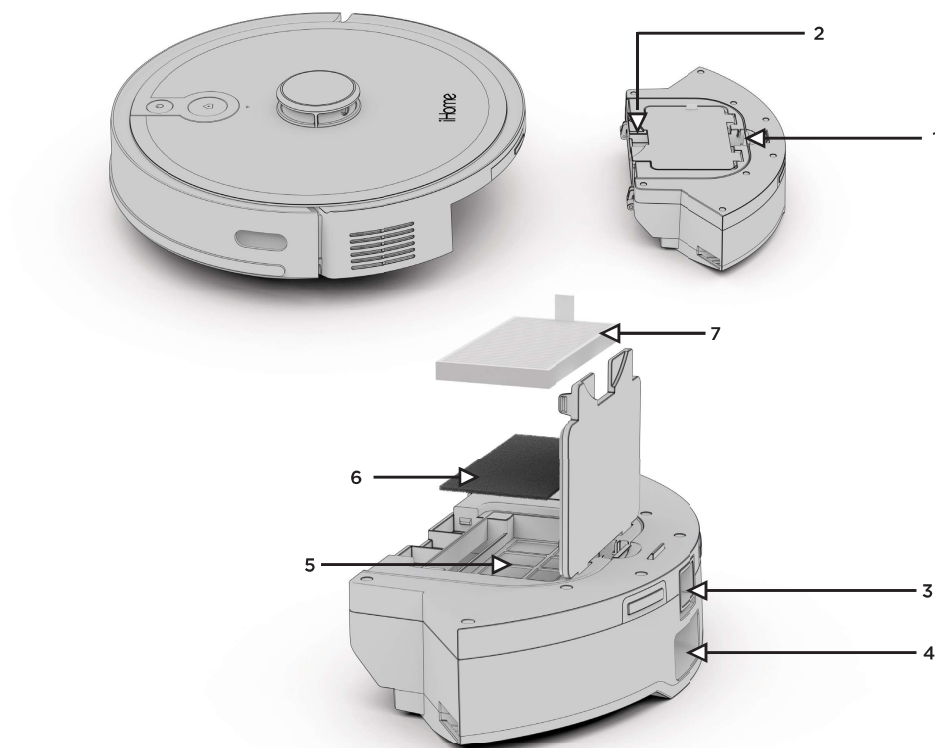
DUSTBIN OVERVIEW

4

- 1: Filter Door Latch
- 2: Debris Door Latch
- 3: Bin Release Button

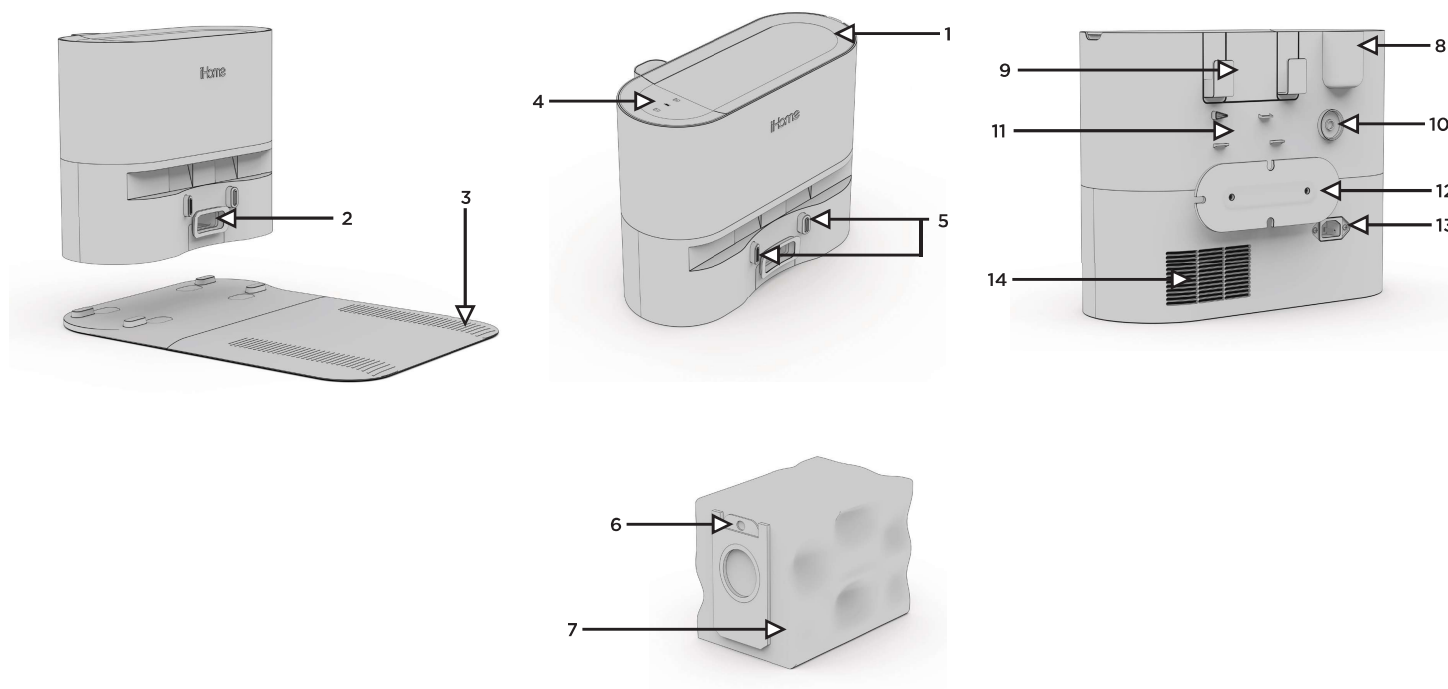
- 4: Dust Collection Port
- 5: Screen Filter
- 6: Sponge Filter

- 7: HEPA Filter



AUTO EMPTY BASE OVERVIEW

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NOTE: One dustbag is already pre-installed in the Auto Empty Base. Dustbag may appear to be “deflated”. This is normal. The Dustbag handle must be fully lowered as shown in order for debris to enter properly.

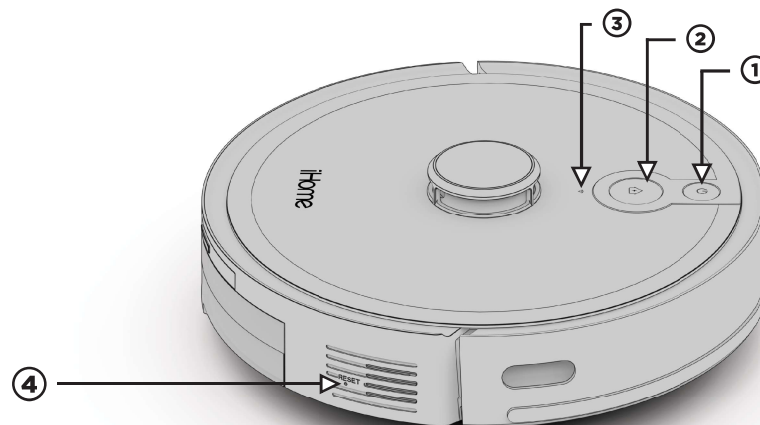
1: Cover
2: Dust Collector Port
3: Parking Plate

4: LED Display Panel
5: Charging Contact Points
6: Dust Bag Handle

7: Dust Bag
8: Remote Storage
9: Extra HEPA Storage

10: Extra Side Brush Storage
11: Cleaning Tool Storage
12: Power Cord Organizer

13: Power Interface
14: Air Outlet



① POWER BUTTON

- Hold to turn on/off.
- Press to start/pause cleaning.

② HOME BUTTON

- "Press and Hold to initiate Wifi setup

③ WIFI INDICATOR

POWER/HOME LED STATES

- Flashing blue light: Powering on/configuring network/upgrading firmware.
- Solid blue light: Powered on/normal working state.
- Flashing yellow light: Low battery/recharging.
- Flashing green light: Charging.
- Solid green light: Fully charged.
- Flashing red light: Error state.
- Light off: Off/sleeping.

WIFI INDICATOR STATES

- Flashing white light: Network configuration mode.
- Solid white light: Wifi connected.
- Light off: Wifi disconnected / Network configuration failure.

① DUST BAG STATUS



- Light off: Functioning Normally.
- Solid white light: Dust bag is full/dust duct is blocked.
- Flashing red light: Dust bag is not installed/dust bag is not installed correctly.

② ROBOT CHARGING STATUS

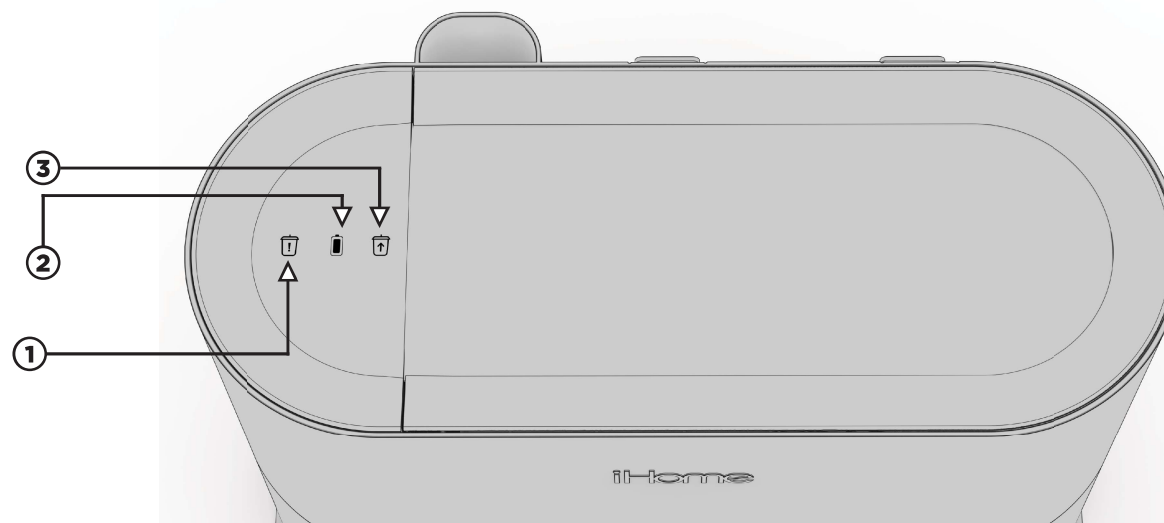


- Flashing green light: Charging.
- Solid green light: Fully charged/standby.

③ DUST COLLECTION STATUS

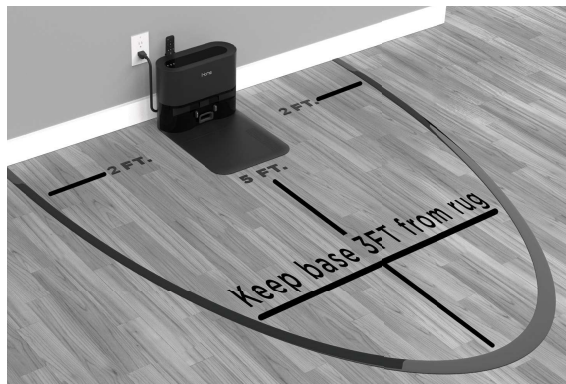


- Light off: Standby.
- Solid white light: Collecting dust.
- Flashing red light: Fan overheating/fan error/cover not closed properly.



SETTING UP THE AUTO EMPTY BASE

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ABOUT YOUR AUTO EMPTY BASE

The Auto Empty Base is designed to automatically empty and charge the iHome AUTOVAC. Ensure that there is a clear space in front and both sides so that your AUTOVAC can return to Base to re-charge and empty. **We strongly recommend placement on a hard surface to ensure smooth parking.** Avoid placement on edges of carpet as that may become an obstacle for parking. Placement on low pile carpet can be attempted if necessary.

PARKING PLATE ASSEMBLY

① Assemble the parking plate as shown in the picture.



② Please place the assembled parking plate on the horizontal ground.



SETTING UP THE AUTO EMPTY BASE

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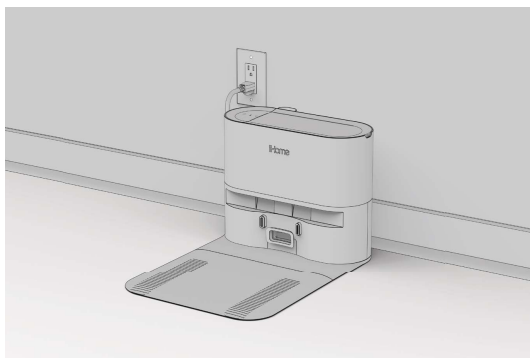
- ③ Plug the power cable into the back panel of the Auto Empty base. Wind extra cable slack around the cord management system.



- ④ Position the Auto Empty Base on the Parking Plate as shown. The four guide tabs on the parking plate will help align placement.



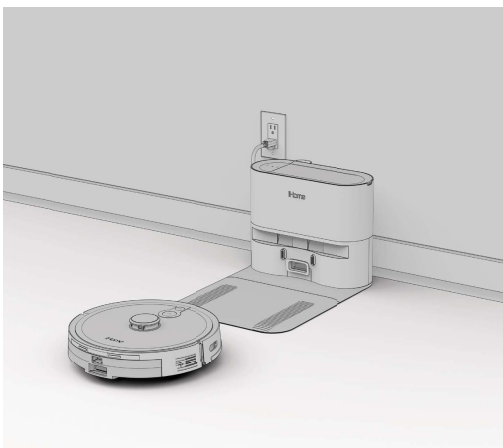
- ⑤ Plug the power cable into a functioning wall outlet.



NOTE: The Auto Empty Base must always remain connected to power. Avoid using a power source that may inadvertently be switched off (e.g. power strip, outlet controlled by a light switch, GFCI).

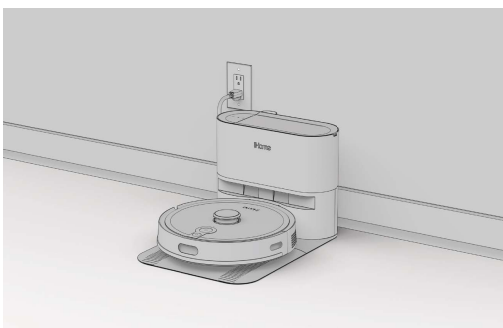
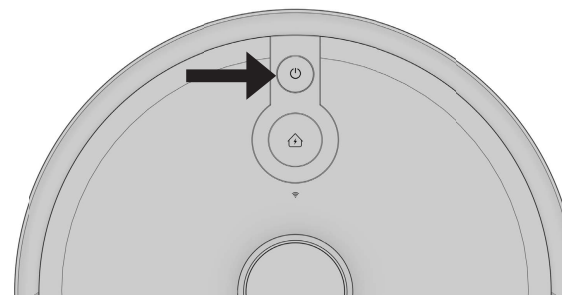
SETTING UP THE AUTOVAC

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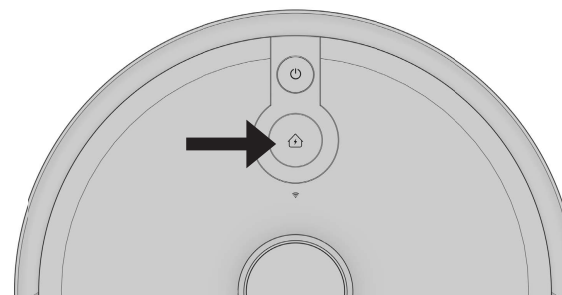
STEP 1

Position the Nova S1 Pro on the floor near your Auto Empty Base. To turn on Press and Hold the Power button until the indicator turns blue.



STEP 2

Press the Home button to pair Nova S1 Pro to your Auto Empty Base. Nova S1 Pro will navigate and dock to the base for charging. **Allow Nova S1 Pro to fully charge (up to 5 hours) before first use. The indicators on your robot will turn solid green when fully charged.**



NOTE: Dust collection may activate during initial docking. Do not be alarmed. Dust collection frequency can be adjusted later in the iHome Clean App.

UNDERSTANDING YOUR NOVA PRO

Your iHome Autovac is designed to automatically and intelligently clean your home. Nova S1 Pro uses advanced laser scanning technology and multiple sensors to form a navigational map. Nova S1 Pro will continue to clean until it has determined that the addressable floor area has been covered. The navigational map is available to view in the iHome Clean app and is updated during each clean cycle to ensure that Nova S1 Pro takes any changes (moved furniture or other obstructions) into account. Once cleaning is finished the Nova S1 Pro will automatically return to the Auto Empty Base to charge and automatically empty the contents of the dustbin.

DOWNLOAD THE IHOME CLEAN APP

- Search "iHome Clean" in the App Store or use the QR code below:



NOTE: Connecting Nova to Wi-Fi is not required but highly recommended. Using the iHome Clean app, you can follow the steps to connect your Nova S1 Pro to Wi-Fi. The app will let you manage Nova S1 Pro from anywhere, set cleaning schedules, view cleaning history, access support and more!

The iHome Clean app provides an easy step by step guide to get your Nova S1 Pro connected to Wi-Fi. Here is a checklist of what you'll need before getting started:

- An iPhone (iOS 10 or later) OR Android (4.4 or later).
- Make sure that your phone is connected to your desired Wi-Fi Network. This will be the network that your Autovac Nova S1 Pro connects to.
- Your Wi-Fi network must be a 2.4Ghz network (5Ghz networks are not supported).
- Download and launch the iHome Clean app from the app store. Create a user account.
- Follow the steps in the app to add the Nova S1 Pro.

Before starting your first cleaning cycle please clear the floor of all objects other than furniture as some small objects may obstruct, get caught in, or damage the iHome Autovac Nova S1 Pro.

FIRST CLEANING

Simply press the Power button on your Nova S1 Pro to begin an Auto-Clean cycle of your home. Nova S1 Pro will start cleaning and will continue until it has covered the entire cleaning area. Once cleaning is finished, the Nova S1 Pro will automatically return back to the Auto Empty Base to empty the dustbin.

CLEANING MODES

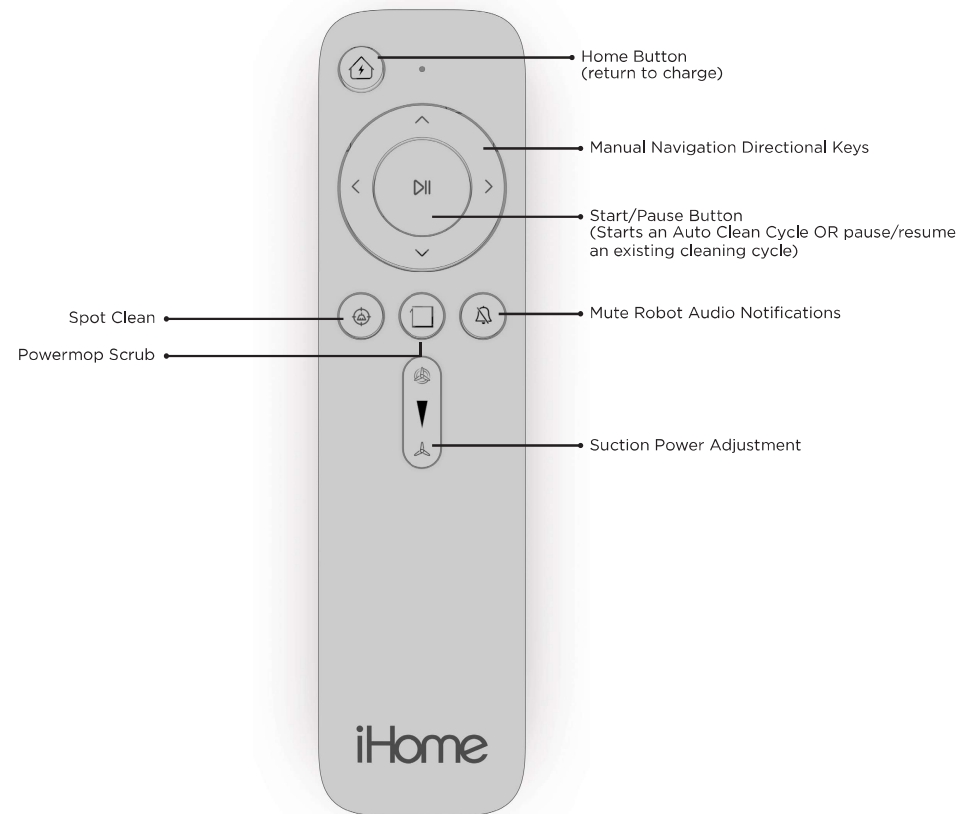
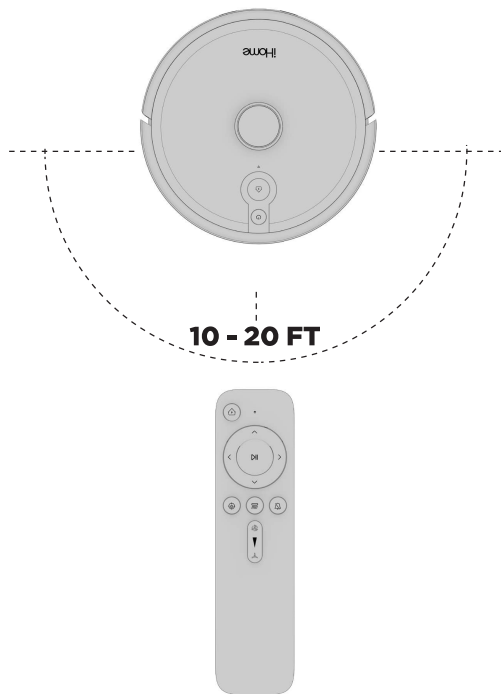
Auto Clean - The Nova S1 Pro will automatically clean your floor until it has covered the entire surface. Once cleaning is finished the Nova S1 Pro will automatically return back to the Auto Empty Base to empty the dustbin and re-charge.

Area Clean - Draw customizable areas in your floor-plan within the iHome Clean App. The Nova S1 Pro can then be sent to your desired Area.

Spot Clean - The Nova S1 Pro will deep clean a specific spot. First, use the manual navigation control to guide your Nova S1 Pro to the desired location. Then, choose Spot Clean mode for a deep clean.

Powermop Scrub - Fill the water tank and connect the Powermop Scrub attachment. Nova S1 Pro will automatically mop and vacuum your floor area. Use the iHome Clean app to specify your desired mop areas and preferences.

Manual Control - Using the navigational D-Pad on the remote control (or in the iHome Clean App) you can manually control where the Nova S1 Pro goes to clean.



NOTE:

- 1: It is recommended to point the remote to the front of the Nova S1 Pro for best results.
- 2: The remote control range is 10 - 20 feet.

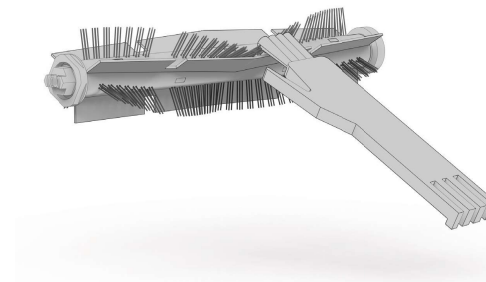
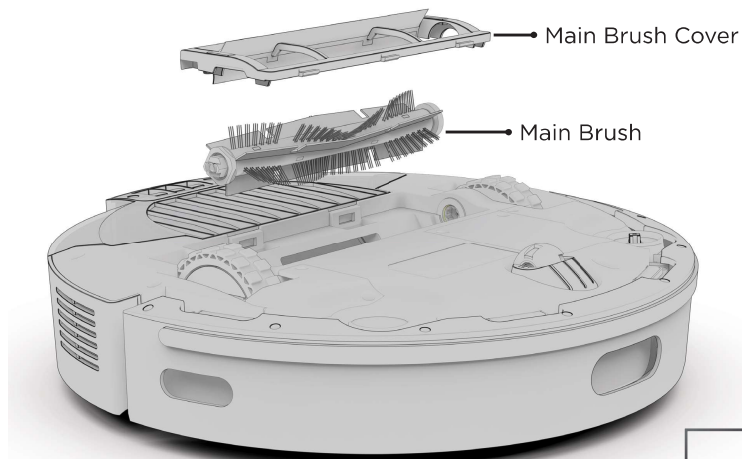
MAIN BRUSH MAINTENANCE

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Your Nova S1 Pro is designed to be used regularly. As with most floor care devices, regular use may cause build-up around brushes, in debris compartments and near filters. We recommend performing regular maintenance, as outlined in the following pages, to keep your Autovac Nova S1 Pro running at optimal performance.

- 1: Pinch the left and right tabs on the main brush cover. Lift and remove the cover.
- 2: Remove the main brush and clean with the included cleaning tool as seen in the figure below.
- 3: Replace the main brush and snap the cover back into place.

NOTE: It is recommended to replace the main brush every 6-12 months depending on use.



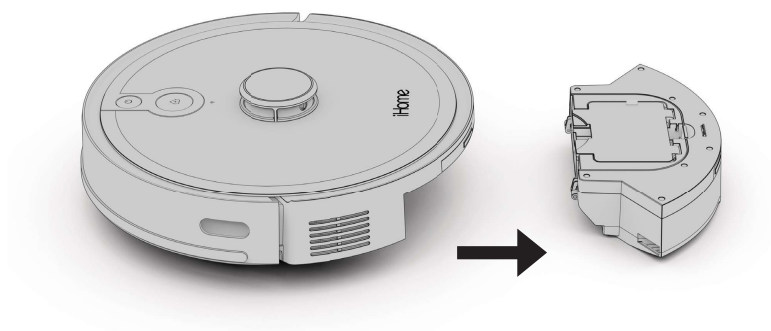
MAINTENANCE SCHEDULE

PART	CARE FREQUENCY	REPLACEMENT FREQUENCY
Main Brush	Once a month	Replace every 6-12 months
Side Brushes	Once a month	Replace every 6-12 months
HEPA Filter	Every 2 Weeks	Replace every 3 months
Main Filter	Every 2 Weeks	Replace twice a year.

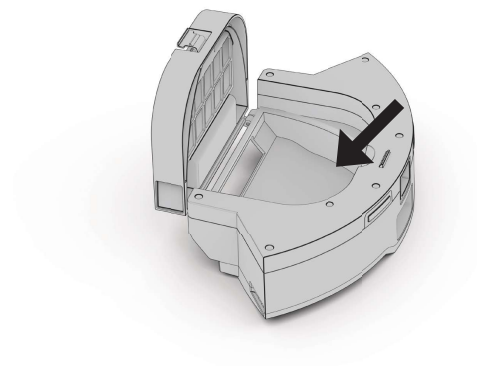
MAINTAINING THE DUSTBIN AND FILTERS

15

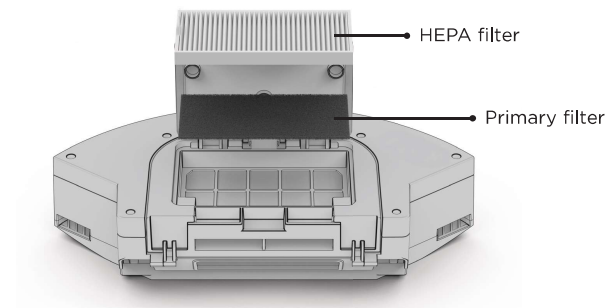
- ① Press the dustbin release button and remove the dustbin.



- ② Clean the inside of the dustbin thoroughly with a dry cloth.



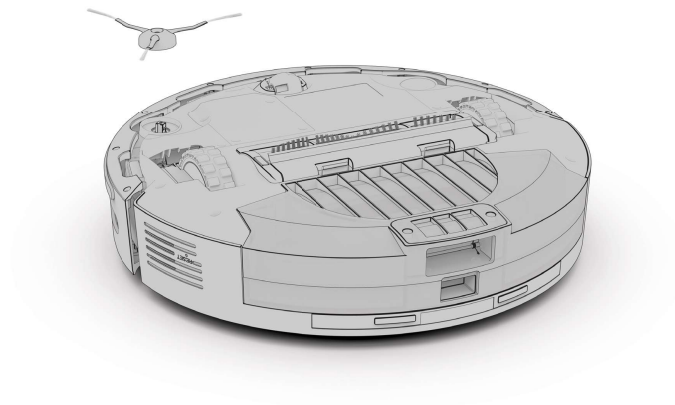
- ③ Remove the sponge filter and HEPA filter. Tap the HEPA filter to dislodge dust. Rinse the sponge filter and wipe down the filter housing with a dry cloth. Allow sponge filter to dry completely before reassembly.



SIDE BRUSH AND SENSOR MAINTENANCE

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- 1: Pop off the side brush by pulling it upward.
- 2: Remove dirt and debris and reinstall by pushing down in place.
- 3: It is recommended to wipe dust from the charging pins on your robot and charge dock regularly.



NOTE: It is recommended to replace the side brush every 6-12 months depending on use.

Questions? Contact Customer Service

Web/Email: iHomeclean.com

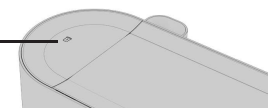
Phone: 877-370-4580

AUTO EMPTY BASE DUST BAG

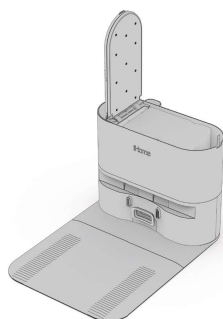
The Auto Empty Base will indicate when the dust bag is full on the smart LED display panel (dust bag indicator will be white). Discard dust bag once full and replace dust bag with a new one.

NOTE: Extend the dust bag handle to seal the debris hole.

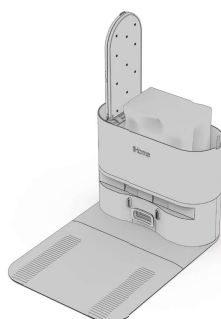
Full dust bag



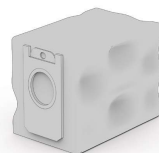
REPLACING THE DUST BAG



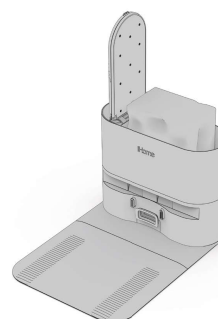
Open Cover



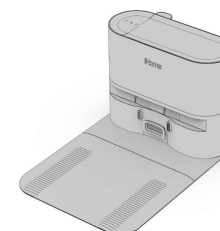
Pull up the dust bag from handle



Discard the old dust bag



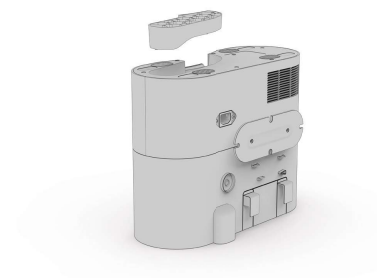
Replace with new dust bag & fully lower cardboard handle



Close Cover

CLEANING THE DUCT

If the Nova S1 Pro dustbin is not emptying sufficiently or the  is solid white it may indicate that the duct is blocked. Refer to the image: Unplug and turn over the Auto Empty Base. Remove the duct cover with a philips screwdriver and clean out any dirt or debris.



PROBLEM

SOLUTION

Unable to power on.	Please charge before use. This is commonly caused due to low battery.
Unable to start cleaning.	Please charge before use. This is commonly caused due to low battery.
Unable to return to Auto Empty Base.	• There are too many obstacles near the Auto Empty Base. Please make sure there is a clear area 2 FT of space on either side and 5 FT in front of the Auto Empty Base. • The Nova S1 Pro is out of range of the Auto Empty Base. Move the Nova S1 Pro closer to the Auto Empty Base to re-establish connection.
Abnormal behavior.	Power down and restart.
Abnormal noise during cleaning.	Main brush, side brush or left/right wheel may be obstructed, Check underneath the Nova S1 Pro to make sure it is clear from any obstruction. If there is an obstruction clear it and restart the Nova S1 Pro.
Decrease in cleaning ability or dust falling out from dustbin.	• The dustbin is full, please empty the dustbin. • Check and clean the HEPA filter. • Check that the brush is clear from obstruction.
Unable to connect to Wi-Fi.	Wi-Fi signal is not good , please check that there is a strong Wi-Fi connection while paring. Make sure the network is 2.4G and not 5G or dual band.
Nova S1 Pro is not returning to the Auto Empty Base after spot cleaning or after moving it far from the Auto Empty Base.	After spot cleaning or moving the Nova S1 Pro far from the Auto Empty Base the Nova S1 Pro will re-generate the map. If the Nova S1 Pro is far from the Auto Empty Base it may not be able to locate it. Please manually dock the Nova S1 Pro to the Auto Empty Base to recharge.
Unable to charge after docking.	Make sure there is no obstruction or heavy dust on both the Nova S1 Pro and Auto Empty Base charging contacts.
Scheduled cleaning not working.	Please confirm that the Nova S1 Pro is connected to your Wi-Fi network.If the Nova S1 Pro is not connected to the network you cannot synchronize the scheduled cleaning task.

INDICATOR	DEFINITION	SOLUTION
 Flashing Red	• Fan error. • Overheating. • The cover is not closed properly.	1. Frequent dust collection leads to fan overheating protection or fan malfunction. It is recommended to try to collect dust after 30 minutes. 2. Ensure that the cover of the Auto Empty Base is completely closed and that the AutoVac Nova S1 Pro is properly docked and charging.
 Flashing Red	• The dust bag is not installed. • The dust bag not installed properly.	1. Ensure that the dust bag is properly installed and fully lower the cardboard handle (see figure page 21). 2. Check whether the dust bag is installed, if not, please install the dust bag.

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Phone: 877-370-4580

Any Changes expressly or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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and (2) this device must accept any interference received, including interference that may cause undesired operation.

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- 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

The One (1) Year Limited Warranty applies to purchases made from authorized retailers of Silver Point Innovations LLC. Warranty coverage applies to the original owner and to the original product only and is not transferable. We recommend registering your product online at www.ihomeclean.com.

SilverPoint warrants this product to be free from defects in workmanship and materials, under normal household use and conditions, one (1) year from the date of original purchase and maintained according to the requirements outlined in this User Manual. Should this product fail to function in a satisfactory manner, it is best to contact our customer service team at 877-370-4580 so that we may help resolve the matter. Should service be required by reason of any defect or malfunction during the warranty period, SilverPoint will repair or, at its discretion, replace the product.

The One (1) Year Limited Warranty is subject to the following conditions and exclusions:

The original unit and/or non-wearable parts deemed defective, in SilverPoint's sole discretion, will be repaired or replaced up to one (1) year from the original purchase date. In the event a replacement unit is issued the replacement product will be warranted for the remainder of the original warranty period or thirty (30) days from the date of shipment of the replacement product, whichever is longer. SilverPoint reserves the right to use new, refurbished or used parts in good working condition to repair or replace any product.

Exclusions:

- (1) Normal wear and tear of wearable parts (such as batteries, brushes, HEPA filters, pads, etc.), which require regular maintenance and/or replacement to ensure the proper functioning of your unit, are not covered by this warranty. Replacement parts are available for purchase at www.ihomeclean.com.
- (2) Any unit that has been tampered with or used for commercial purposes.
- (3) Damage caused by misuse, abuse, negligent handling, failure to perform regular maintenance (i.e., not cleaning the filters), or damage due to mishandling in transit.
- (4) Consequential and incidental damages.
- (5) Defects caused by repair persons not authorized by SilverPoint.
- (6) Products purchased, used, or operated outside of North America.

Warranty Support:

You must call 877-370-4580 to initiate a warranty claim and have the product on hand during the call. You will need the original receipt as proof of purchase.

The One (1) Year Limited Warranty does not cover the cost of shipping this product to our service center or its return to the owner. Please call Customer Service at 877-370-4580 to evaluate your product and receive warranty term instructions.

Disclaimer: This warranty is valid only in the United States of America and does not extend to owners of the product other than to the original purchaser. In no event will SilverPoint or any of its affiliates, contractors, resellers, their officers, directors, shareholders, members or agents be liable to you or any third party for any consequential or incidental damages, any lost profits, actual, exemplary or punitive damages. (Some states do not allow limitations on implied warranties or exclusion of consequential damages, so these restrictions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Your acknowledgement and agreement to fully and completely abide by this disclaimer of warranty is contractually binding to you upon your transfer of currency (money order, cashier's check, or credit card) for purchase of your SilverPoint product.