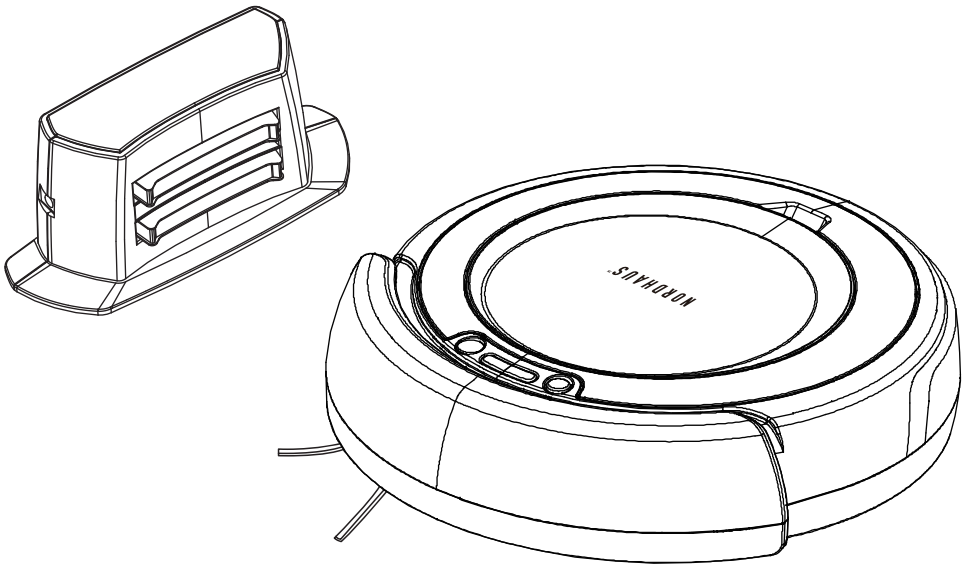


NORDHAUS™

17W

ROBOT VACUUM CLEANER 3 IN 1 SWEEP

USER MANUAL



Product in kind prevail

Thank you for buying this product . Please read this manual carefully before use.

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SAFETY INSTRUCTIONS



SAFETY WARNING

■ IMPORTANT SAFETY NOTES

- Please read the following safety instructions carefully and follow all normal safety precautions before using this product .
- Please read this instruction manual carefully.
- Please keep the instruction manual for future reference .
- Any operation not in conformity with this instruction may cause damage to the product .

■ SAFE USE RULES

- This product is indoor household product, do not use outdoors.
- The ambient temperature of this product is 0°C-40°C.
- This product can only use the original power adapter, if using other adapters may cause damage to the product.
- Before starting the unit, make sure that the filter is properly installed in the dust bin of the main machine.
- Before starting the unit, remove all fragile objects on the floor and objects (such as wires, curtains) that may entangle the machine.
- Do not use this product in wet/moisture environment (such as bathroom), do not absorb liquid.
- Do not stand or squat on this product. Please pay special attention to safety when there are children or cats or dogs at home.
- Do not use this product to clean up sparking cigarette butts, matches or embers from fireplace.
- Do not use this product to remove flammable or highly volatile liquids such as gasoline.
- Please clean the product after use.
- If you do not use this product for a long time, pull out the power plug from the socket and shut down the machine.
- If the product is malfunctioned or damaged by force, please contact customer service.
- When using this product, it is recommended to remove water on the ground and easily entangled objects (such as electric wires).
- It is strictly prohibited to use this product in open areas without limited boundaries.
- It is strictly forbidden to use this product in the hanging area higher than the height of the entry, to prevent the machine from falling and causing injuries to people.

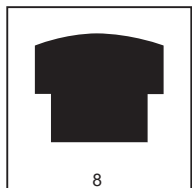
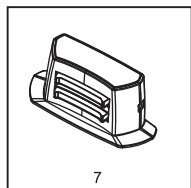
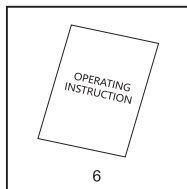
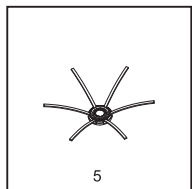
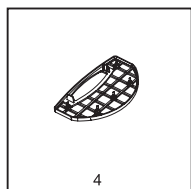
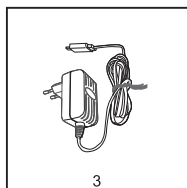
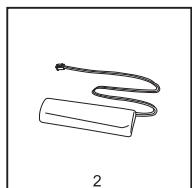
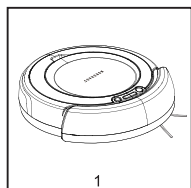
■ BATTERY PRECAUTIONS

- When using rechargeable batteries, please observe the voltage and current specifications marked on the product package.
- This product can only use the original power adapter: using other adapters may cause damage to the product.
- Do not plug in the battery or adapter if the cable or plug is damaged.
- When hands are damp/ wet, do not touch the power adapter, its plug, or power cable.
- Please take out the battery before the product is scrapped, and disconnect the power supply when removing the battery.
- Please safely recycle the discarded batteries.
- Remove the battery before the product is discarded.
- Do not discard the used battery. Dispose of it properly according to local environmental regulations.
- If the appearance of the battery is damaged, remove the battery immediately. Do not continue to use the battery to avoid danger.

PRODUCT INTRODUCTION

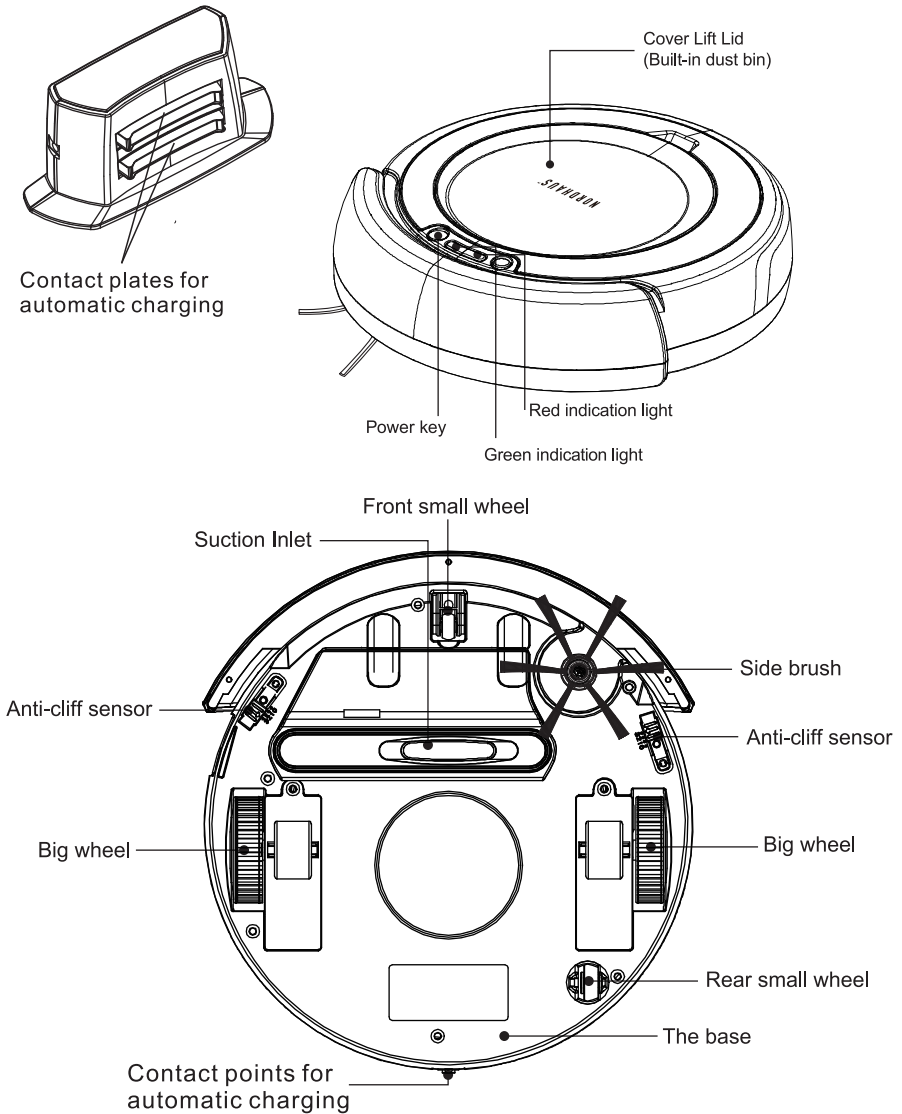
■ LIST OF COMPONENTS AND ACCESSORIES

MAIN COMPONENTS AND ACCESSORIES		
ITEM	DESCRIPTION	COUNT
1	THE HOST	1
2	RECHARGEABLE BATTERY (BUILT-IN, NON-REMOVABLE)	1
3	POWER ADAPTER	1
4	FILTER (INSTALLED IN THE MACHINE)	1
5	SIDE BRUSH	1
6	OPERATING INSTRUCTION	1
7	DOCKING STATION	1
8	MOP PAD	1



Note: All products and accessories are in kind prevail!

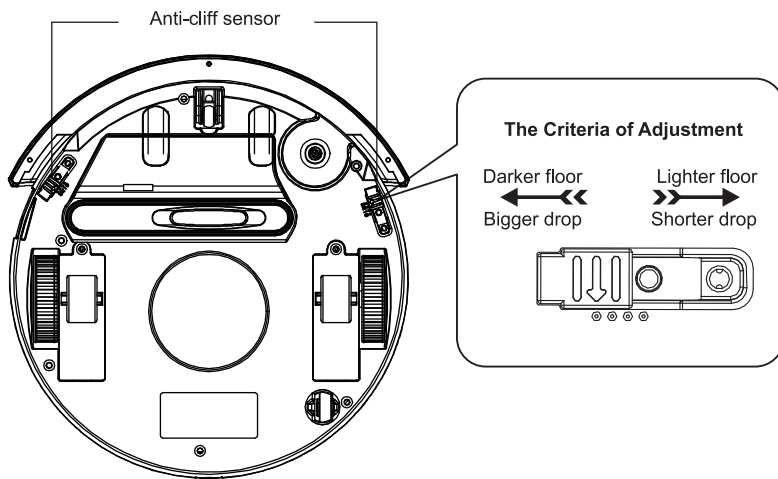
■ THE HOST DIAGRAM



DIRECTIONS FOR USE

■ ADJUSTMENT OF ANTI-CLIFF SENSORS

There are two “Anti-Cliff” sensors at the bottom of robot to prevent the unit from falling down stairs. If the distance between the stair and the ground is shorter than usual, please adjust all windows of “Anti-Cliff” sensors to suitable position to prevent the cleaner from falling down stairs. Please test it before it starts to clean.



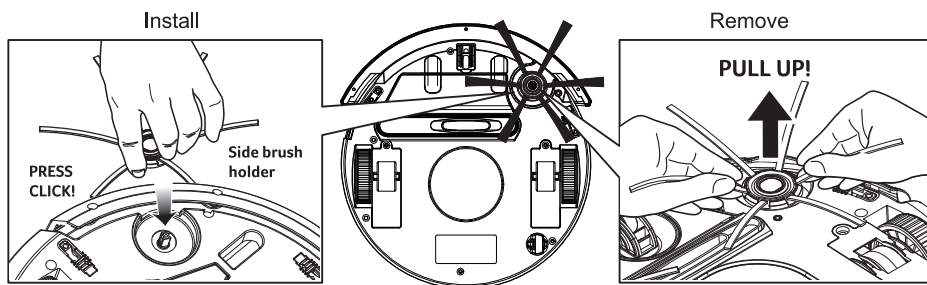
NOTICE

To prevent falling down, the bottom of the host machine is equipped with two anti-fall adjustment windows designed with four sections for different reflectivity. Manual adjustment can be made according to various distance and ground color. And make sure all windows are adjusted to the same level section.

■ BRUSH INSTALLATION AND DISATTACHMENT

Installation: press the side brush directly into the central convex shaft of the brush holder to complete installation.

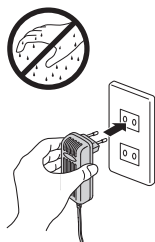
Disattachment: hold the brush and pull up directly from the convex shaft of the brush holder.



RECHARGING BATTERY

■ RECHARGING THE BATTERY

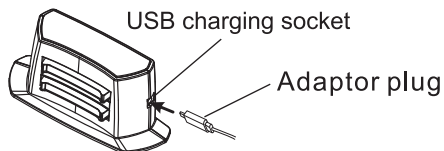
Plug the adaptor into the AC power supply .



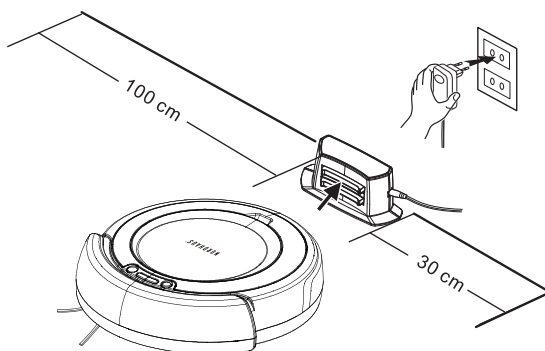
Adaptor Plug

■ Charging via the docking station.

Insert the output end of the adaptor into the USB charging socket of the docking station.



Turn on the power switch of equipment connect the contact points in the rear of the unit with the contact plates of the docking station.



RECHARGING BATTERY

Charging indication on the panel:

- >Charging: LED indication lamp with green light flashing.
- >Charging Done: LED indication lamp with green light on.
- >Battery Low: LED indication lamp with red light flashing.

Preparation for Operation

To ensure the best efficiency of robot, you have to remove any loose articles on the floor such as clothes, paper, loose cables and extension cords as well as to make sure rolling up curtains and drapes off the floor to avoid any possible accidents. In case of a loose cable is tangled with robot, the cable might move around with robot as it works and topple down the table, chairs, or cabinet and cause property damage.

Start Operation

1. Be sure to clean up the dustbin.
2. Place the cleaner on place with more free space in the room.
3. When robot is working, two LED indicators will flash one after the other.
4. When the cleaner runs out of power, the LED indication lamp with red light flashing and the cleaner will look for a docking station. And robot will emit a buzz of warning indicating that the battery needs immediate recharging. The buzzer will sound every minute until power is exhausted.
5. When the cleaner is not used, make sure the power switch of robot is OFF.

✘ Caution: Remove the dusting paper holder and side brushes before using on the carpet.

✘ This product is not suitable for long-pile carpets.

✘ When battery low, the unit is programmed to find the docking station automatically for recharge. If the unit fails to return to the docking station, user can put it back to the docking station manually.

■ INSTALLING MOP

1. Find the sticker on the bottom. (Fig.1)
2. Wet the mop. (Fig.2)
3. Press the mop on the sticker. (Fig.3)
4. Peel the mop and remove it from the sticker.

✘ **Attention:**

The mop can't be used on carpet.

✘ **Reminding:**

For a better cleaning, please wash the mop timely after using it.

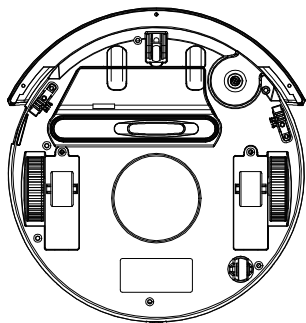


Fig.1



Fig.2

Wet the mop

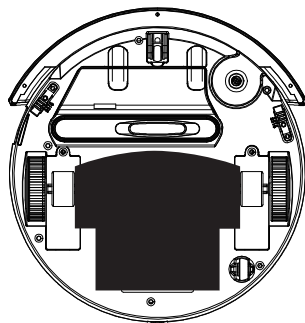
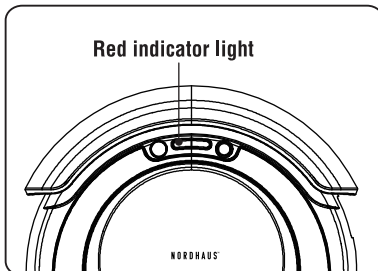
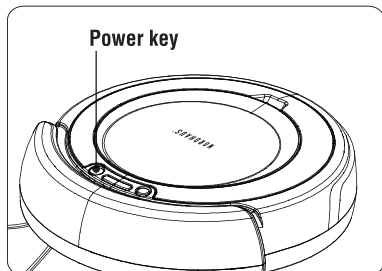


Fig.3

■ PREPARATION BEFORE USE

Please check before use:

- A. Whether the dust bin is full and whether there is any dust/ foreign matter stuck around the suction inlet.
- B. Is there too much dust attached inside and outside the suction edge of the dust bin? If so, please shut down the main machine and clean the dust bin edges. After cleaning, please be sure to put the filter into the dust bin correctly!



■ BEGIN TO USE

1. Directly operate the host:

When the host is off, press the power button to start it.

Please place the main machine in an empty place in the room and press the power button to start cleaning.

2. When the machine enters low battery mode, the indicator on the host panel will be red-flashing together with a "beep" sound and the machine will look for a docking station, if the robot could not find the dock station in 5mins, it will automatically shut down.

Press the power button to shut down the machine when it is not in use.

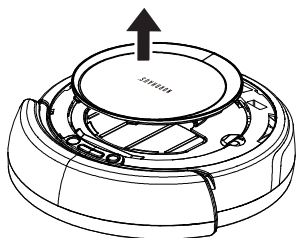
MAINTENANCE

■ CLEAN THE DUST BIN

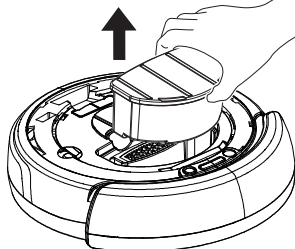
1. Remove the dust bin:

Open the top cover as shown. Put your hand into the groove of the dust bin, grip the dust bin and take it out upward.

Open the top cover



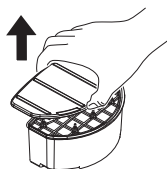
Remove dust bin



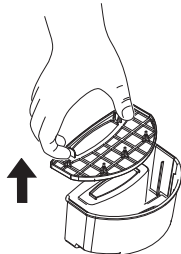
2. DUMPING:

Open the dust bin cover. Remove the filter. Empty the dust bin of dirt.

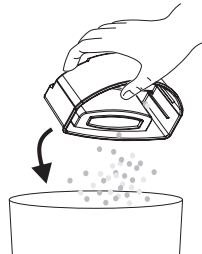
Open the cover



Remove the filter

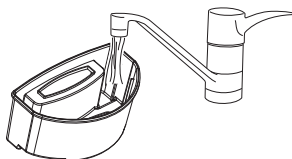


Clean out the dust and dirt from dustbin



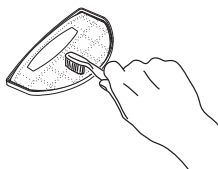
3. CLEAN THE DUST BIN:

Wash the dust bin with tap water. Do not put it into the washing machine, dishwasher, or other cleaning machines.



4. CLEAN UP THE FILTER:

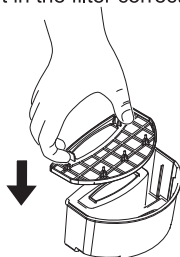
Periodically clean the filter surface gently with a soft brush.



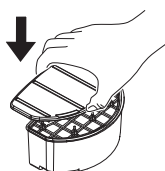
5. ASSEMBLY AFTER CLEANING:

After the natural drying of the filter, please be sure to install it back in the following sequence. Put the dust bin back to the main machine and cover the top cover.

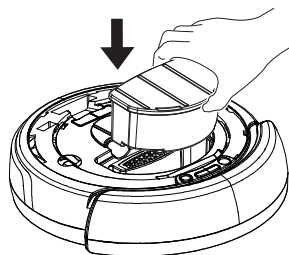
Put in the filter correctly



Cover on the bin cover



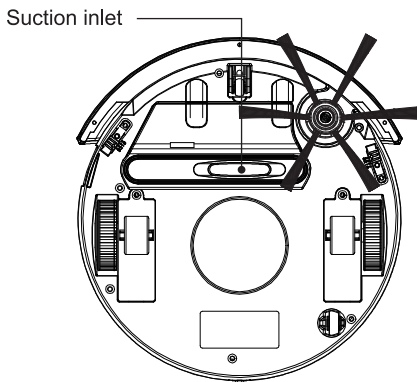
Place back the dust bin



■ CLEANING INLET

After used for a period of time, dirt and dust will accumulate in the suction inlet at the bottom of the machine. To let the air flow smoothly so as not to affect the vacuuming effect, regularly cleaning the inlet is recommended.

1. Turn off the machine first.
2. Clean up the dust and dirt accumulated around the suction inlet.



■ CLEANING BRUSH

1. First turn off the machine and place the machine upside down on a flat floor/ surface.
2. Hold & pull the brush upward evenly to remove the side brush for cleaning.
3. After cleaning, press the side brush directly into the central convex shaft of the brush holder to complete installation.
4. The side brushes can be rinsed and if they become crooked, it can be soaked in hot water to make them recover to the original shape.

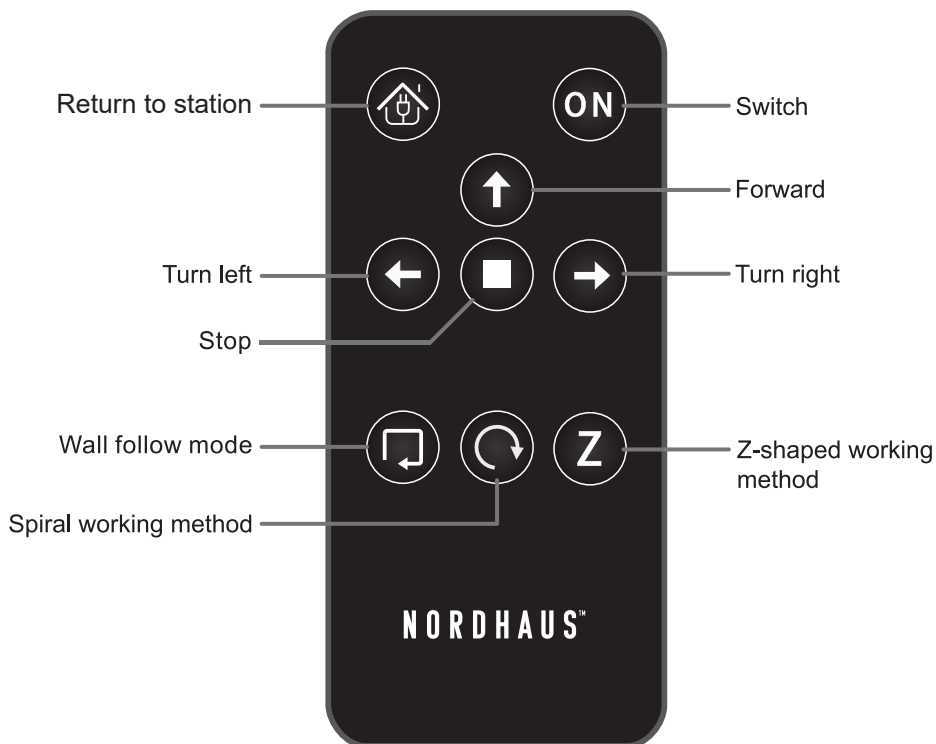


NOTICE

1. The installed rechargeable battery (lithium battery 3.6V2600mAh) cannot be replaced by consumers. If you want a new battery, contact your dealer to have it replaced .
2. Fully charge the battery every two months.
3. Please shut down the machine when it is not going to be used for long time .

GENERAL OPERATION

■ Remote Control



ABNORMALITIES HANDLING

■ SIMPLE TROUBLESHOOTING TABLE

Please refer to the following table if any abnormality is found during operating the product.

The fault content	Possible Causes	Solutions
The power light is red after the machine is turned on.	The battery is undercharge.	Fully charge the battery.
Brush is out of shape and cannot sweep effectively.	Caused by excessive useage.	Soaking in hot water may restore the shape.
Unable to boot the machine.	The battery is low.	Please re-charge the battery fully.
The cleaner keeps going in circles.	The left or right big wheel connector is off.	Open the wheel cover and re-connect the socket firmly or send it to dealer for inspection.
Start up the cleaner but moving backwards.	Dark/black floor color (floor reflections issue).	Adjust the anti-cliff sensor windows at the bottom of the machine to the longer distance direction (" 1 ", " 2" or "3"), set all at same levels.
Cannot vacuum after boot.	The filter is not installed or installed incorrectly in the dust bin.	Install the filter correctly into the dust bin.
Red or green LED indicator light-on steady alone.	The cleaner is off the ground or the machine is lifted up.	Put the machine back on the ground.
Red LED indicator light on steady.	The big wheel is stuck or side brush is entangled.	Clean up or resolve the cause of stuck for big wheel. Clean the entanglements of the side brush.

FREQUENTLY ASKED QUESTIONS

1. How long can the machine work when it is normally fully charged?

Answer : Depending on different ground conditions, the ordinary wooden floor, tile and other flat hard ground about 90+/-10 minutes.

.....

2. Can the machine work unattended?

Answer : Yes, but before using, please inform the indoor personnel to prevent someone from tripping over.

.....

3. What are the steps of using the machine?

Answer : Fully charge the machine(battery) → install the brush → press the power button to start cleaning.

.....

4. Will the machine fall down the stairs?

Answer : No. If the windows of anti-cliff sensor at the bottom of the machine are adjusted properly.

.....

5. What if the machine encounters an obstacle?

Answer : There is anti-collision device implemented in the front bumper, and it will automatically turn away from the obstacles.

.....

6. Can the machine clean the bottom of the furniture?

Answer : The ultra-thin design can go underneath the furniture to clean the areas that are usually difficult to reach.

.....

7. Does machine annoy pets?

Answer : No. When the machine works, the noise is relatively light, there will be no obvious sharp and harsh sound, so it will not irritate Pets. However if you have a pet at home, it is recommended to observe your pets during first use experiment.

.....

8. What if the product accidentally vacuums some liquid?

Answer : Shut down the machine immediately, then empty the dust bin and dry the filter and other parts for at least 12 hours to ensure the circuit board is dry before restarting the machine.

.....

9. Only 20 minutes working time on first use?

A: All batteries will be charged only around 30% of the capacity when the shipment is arranged mainly due to transportation regulation.

There is only partial virtual power in the machine after you purchased the cleaner: so it is recommended to re-charge and discharge the battery continuously for 3 times. The battery will be activated slowly to full capacity after the cleaner is used and fully charged 3 times.

TECHNICAL PARAMETERS

Item	Parameter	Item	Parameter
Model No.	143039		
Diameter	280mm	Charging type	Manual charging
Height	80mm	Cleaning mode	Auto, spiral, alone the wall
Battery Specification	3.6V $\equiv$ 2600mAh	Charging time	Maximum about 5 hours
Battery model	Lithium battery	Cleaning time	Around 90+/-10 minutes

USE ENVIRONMENT

Scope of use: general home and small office use.

This product is suitable for the ground environment: wooden floor, ceramic tile, short pile carpet.

