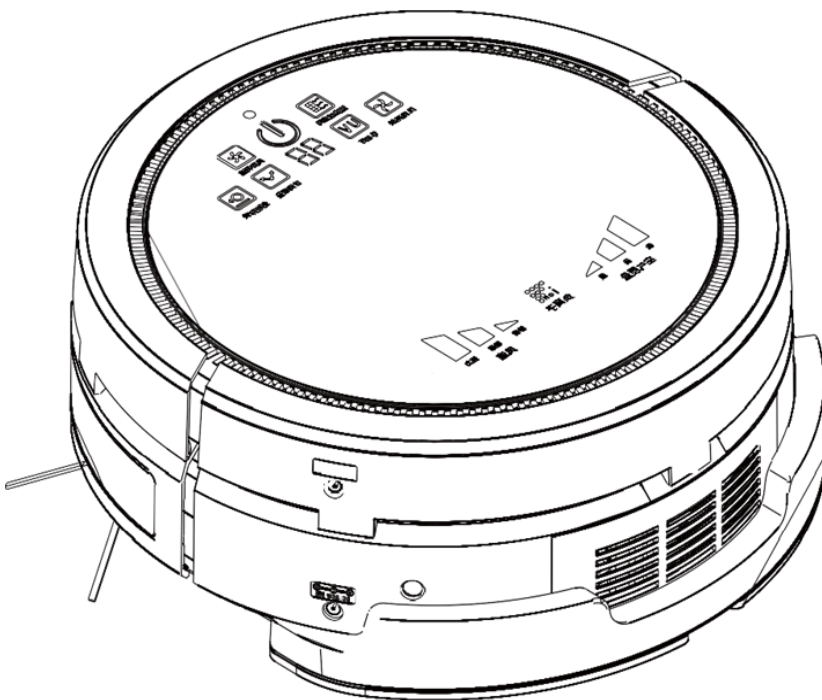


# COVER

## CR-V01K

All-in-one cleaning  
& air purifying robot



# USER MANUAL

**SERVICE HOTLINE : 1-888-566 6736**

**Or visit : [www.COVERproducts.com/support/](http://www.COVERproducts.com/support/)**

*Please read this user manual thoroughly before operating the product & retain this document for future reference*

*This product is for indoor use only. Store and operate in room temperature only*

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# IMPORTANT SAFETY INSTRUCTIONS

## General Safety Instructions

THE USERS OF THIS APPLIANCE SHOULD HAVE FULL KNOWLEDGE OF THE SAFETY INSTRUCTIONS AND UNDERSTAND THE POSSIBLE RELATED HAZARDS. THIS IS NOT A TOY. CHILDREN SHOULD NOT USE THIS WITHOUT SUPERVISION OF PARENTS OR ADULTS.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS ROBOT AND ALL OTHER PARTS TO RAIN OR MOISTURE.

### 1. Safety Precautions

- Please read the following safety and operation instructions thoroughly before you use this robot
- Please retain this manual for future reference
- Heed all warnings on the product to prevent any possible hazards or damages such as fire, short-circuiting or injury
- Please follow all safety operations and processes stated in this manual
- Please make sure you have full understanding about the safe use of this robot and related parts
- Don not use corrosive cleansers or chemical solvents to clean the product

### 2. Safety Instructions

- This robot is for indoors use only
- This robot is NOT a toy. Sitting or standing on this robot is strictly prohibited
- Since this robot is an electronic product, never immerse it in water or use it in a moist or wet environment
- Before the robot starts the cleaning process, please tidy up small items, such as clothing, power cords, cables, and lose fringes of rugs, to prevent any possible jam of the robot's rolling brush or suction nozzle.
- When the robot is working, please pay additional attention to children or pets nearby. it is highly suggested to keep them away from the robot
- This robot is not designed to pick up debris that is still burning, smoking, or wet. Tis is also strictly prohibited to use this robot to clean up chemical particles or volatile liquids such like gasoline.
- In case the robot is not used for a long period of time, please recharge the battery at least once every other month and store it in a cool and dry place after it is fully charged.

# IMPORTANT SAFETY INSTRUCTIONS

- Use only attachments, accessories and spare parts specified by the manufacturer.
- Remove the battery from the robot and make sure a ll power is off before you start cleaning the robot.
- Never touch the robot and any other parts, including the battery charger, power plug and power cord, when your hands are wet.



## Warning



Do not look directly into the UV light and do not touch the UV light bulb with bare hands or any sharp or conductive tools.

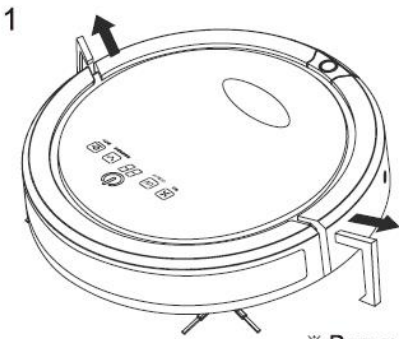
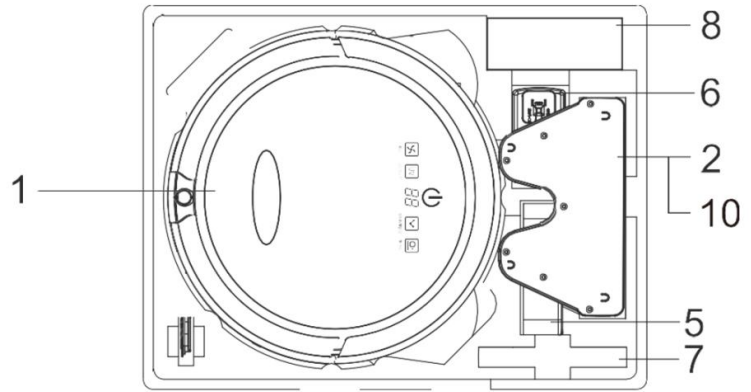


The UV light is a permanent fixture. Do not attempt to remove or replace the UV light. This replacement can only be performed by professional personnel authorized by the manufacturer.

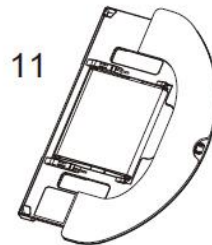
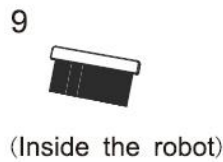
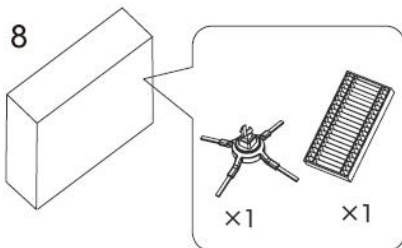
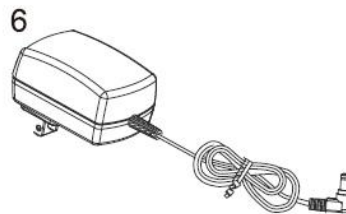
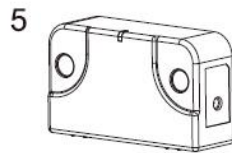
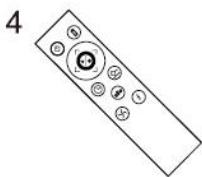
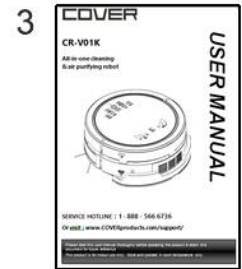
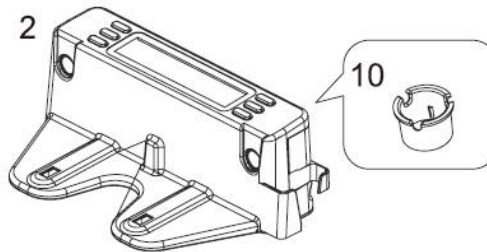
# CONTENT IN PACKAGE

## Content

1. V01 Vacuum Robot
2. Charging Home Base
3. User Manual
4. Remote Control
5. Virtual Wall
6. Adaptor
7. Battery
8. Spare Parts Box
9. Cleaning Brush
10. Hair Removal Tool
11. Wet Mopping Module
12. Air Purifier (SKU# CR-V01K)



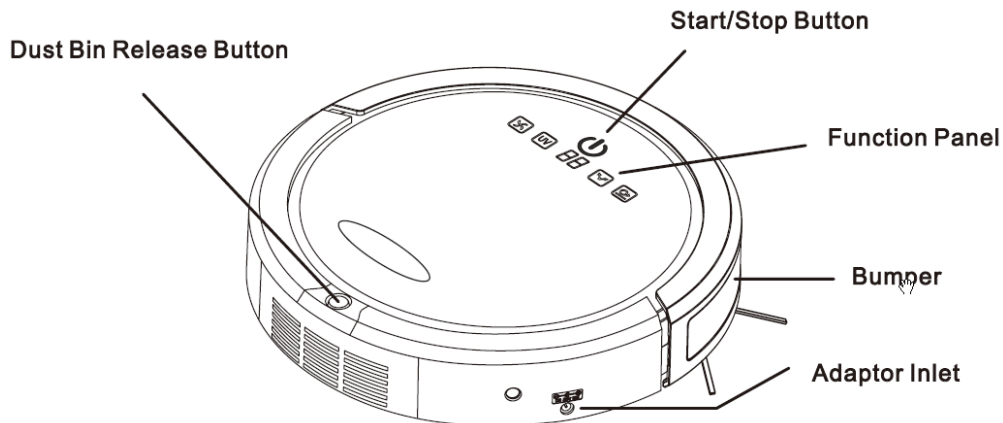
※ Remove the protective strip



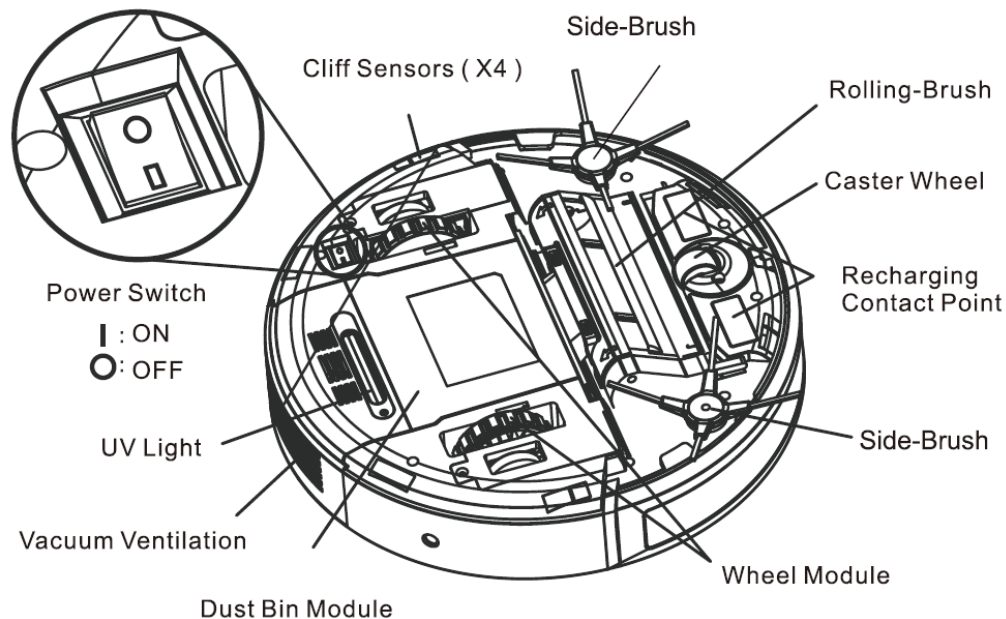
# UNDERSTAND THE PRODUCT

## Features

### ❖ Robot Top (without Air Purifier)



### ❖ Bottom



#### Robotic & Sensing Systems:

- Scheduler/Auto Recharging Home Base
- Ultrasonic Obstacle Detection / Collision Obstacle Detection / Anti-falling Sensors
- Ultrasonic Dust Sensors - perform detail cleaning with spiral mode on dirty area
- Ultrasonic Virtual Wall - When needed, use Virtual Wall to limit cleaning area

#### Cleaning System:

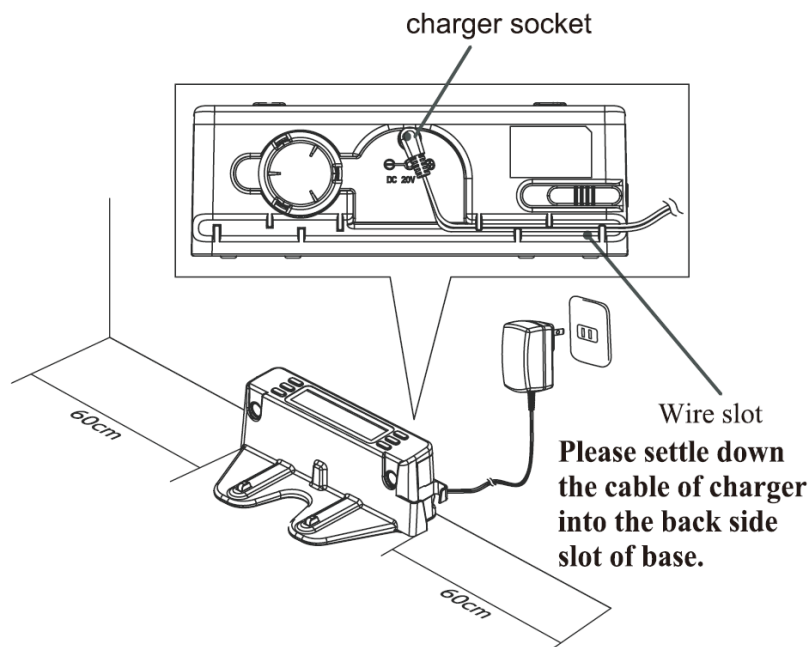
- Side Brushes and Focused Suction Inlet
- Floating Roller Brush
- Debris Filter & HEPA Filter
- UV Light - Exterminate bacteria and mites
- Mop / Damp Mopping Module - for wood or tile flooring
- Air Purifying Module (V01K)

# PRODUCT SETUP

## Setup

### ❖ *Setup Home Base*

- Position Home-base on an even floor surface against wall
- Position it at location with at least a 0.6m (2 ft.) clearance around
- Connect the AC adaptor to the power socket on the rear side. Only use the AC adaptor provided
- Always keep the Recharging Home Based power plugged in.

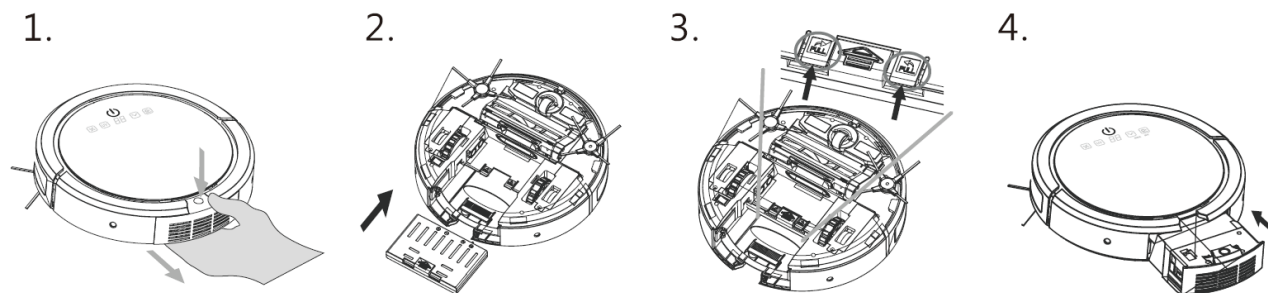


### ❖ *Docking Test*

- Leave the robot on the floor somewhere near the Recharging Home Base.
- Press the "Home" button on the remote control.
- The robot will return to the Recharging Home Base automatically.
- If the robot fails to dock, check the installation process to make the necessary adjustments to the Recharging Home Base until the robot can dock properly.

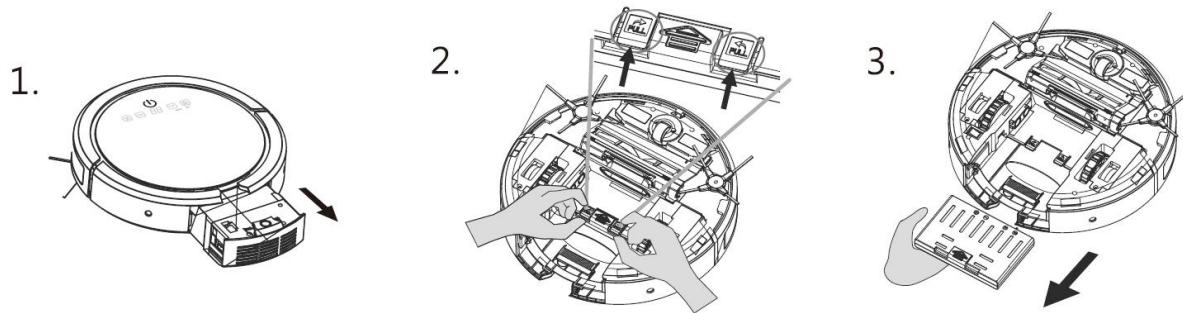
### ❖ *Battery installation*

*Battery is may be installed in robot when purchased*



# PRODUCT SETUP

## ❖ *Battery removal*



1. Pull out dust bin by pressing dust bin release button

2. Push battery hook buttons simultaneously

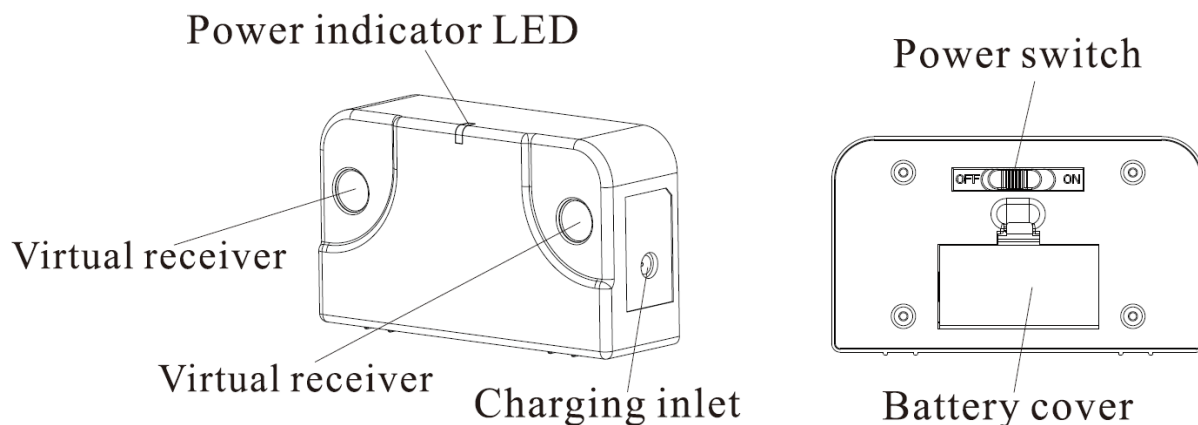
3. Remove battery

## Battery Care

- Recharge battery as soon as the robot is used
- Keep the robot charged when not in use
- If the robot will not be used for a longer period of time, remove the battery from the robot and store in a cool and dry place

## ❖ *Virtual Wall*

The Virtual Wall create an invisible barrier that the robot will not cross

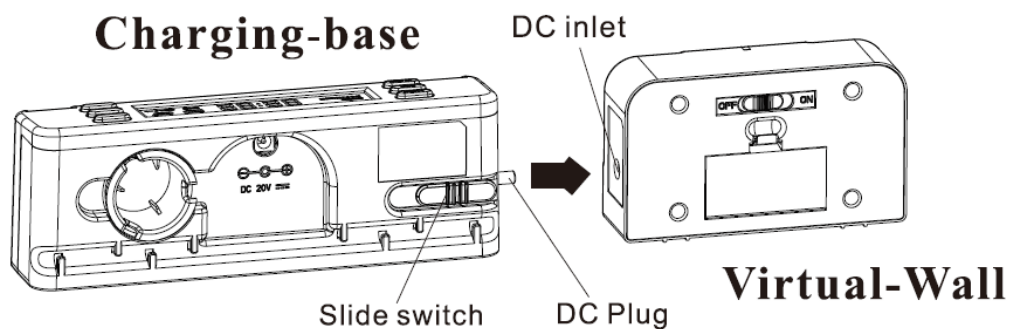


- Insert the 2 AA rechargeable batteries provided. Make sure batteries in correct polarity
- Turn on Virtual Wall by sliding the power switch

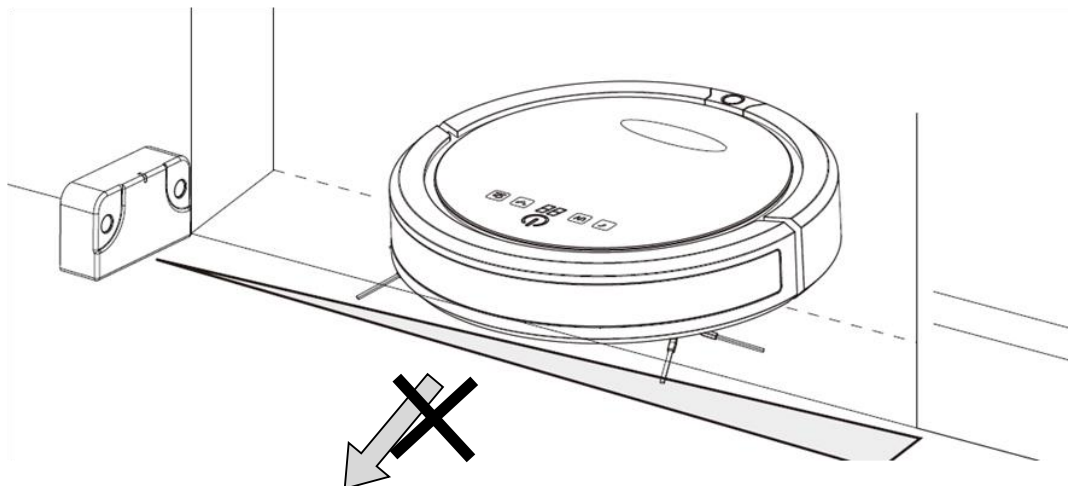


## PRODUCT SETUP

- When turned on, the blue LED will light up for 70 seconds, then the Virtual Wall turns into waiting mode. When the robot is working, the Virtual Wall will turn on and show blue LED light.
- The LED light will blink when the Virtual Wall battery is running low. The Virtual Wall can be charged by the robot charging base as below
  - Press the slide out the DC plug from charging base (make sure charging base is set to "ON")
  - Plug in Virtual Wall DC inlet to the DC plug
  - When charging is complete, LED will glow continuously

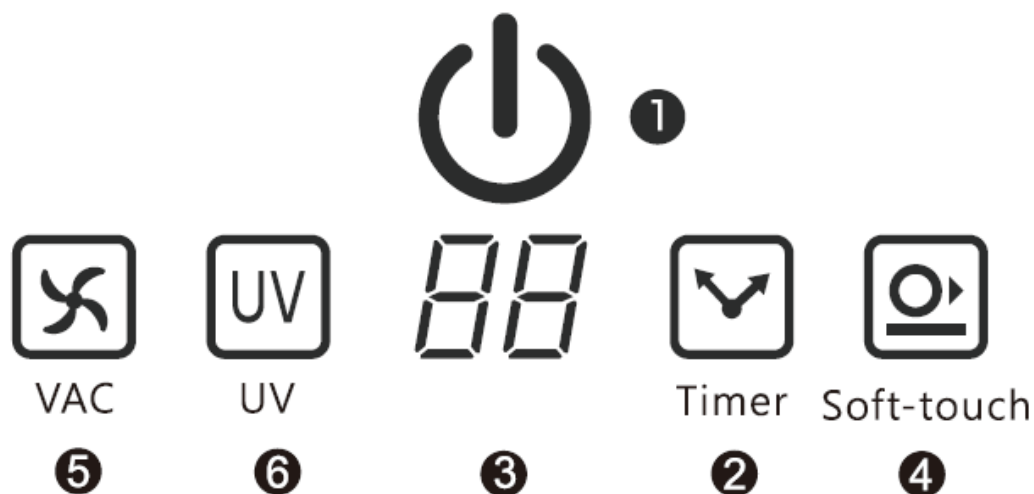


- When robot is cleaning, position the Virtual Wall at least 3 ft away from Charging Base, and avoid facing Charging Base directly
- The effective distance of Virtual Wall barrier is 10 ft



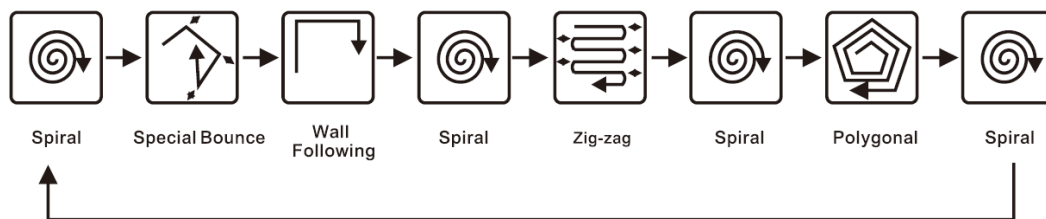
## Basic Operation

### ❖ Robot Panel



<p>1</p>	<p><b>Start/Stop Button:</b></p> <p>Press to start or stop a work cycle</p> <p><i>Solid Blue</i> – working or fully charged when at Charging Base</p> <p><i>Blue Pulse</i> – Charging</p> <p><i>Red Pulse</i> – Low Battery</p>
<p>2</p>	<p><b>Cleaning Timer</b></p> <p>8 different cleaning time options are available. Users may also use their Remote to enter select desired cleaning time (1=10, 2=20... 12=120 mins). Selected during will be shown on the display.</p> <p>When robot is activated, the default cleaning time will be the time selected in previous job</p>
<p>3</p>	<p>Display (Timer, Cleaning Mode, Error Message)</p> <p>There are 6 cleaning patterns the robot uses in cleaning process. User may use Remote to select desired pattern</p> <ol style="list-style-type: none"> <li>1. Special Bounce</li> <li>2. Spot Spiral</li> <li>3. Wall Following</li> <li>4. Zig-Zag</li> <li>5. Polygonal Spiral</li> <li>A. Auto (special sequence of patterns as below)</li> <li>H. Returning to Charging Base (Home)</li> </ol> <p>When "A" is selected below cleaning pattern will be performed</p>

# BASIC OPERATOIN



## Error Messages

Robot may show below error messages when sensed problem

- 0 0 – Dust-Bin Full Reminder** – Clean Up dust bin
- E 1 – Front Cliff Sensor Over Time** – Robot may be trapped in stair case or floor edge
- E 2 – Recharging Error** – Check battery, try remove and install battery
- E 3 – Front Bumper Over Time** – Front Bumper may be stuck
- E 4 – Battery Over Heating** – Stop the robot for min. 60 mins and restart.
- E 5 – Left Wheel Overloaded** – Check left wheel, remove any objects stuck in it
- E 6 – Right Wheel Overloaded** – Check right wheel, remove any object stuck in it
- E 7 – Side Brush Overloaded** – Check both side brushes and remove any jammed objects
- E 8 – Rolling Brush Overloaded** – Check the rolling brush and remove any jammed objects.
- E 9 – Vacuum Motor Overloaded** – Stop using the robot for min. 60 mins and restart.

4

### Soft-Touch

When activated, the robot will slow down its speed in order not to collide with any objects when cleaning

When deactivated, the robot will sense object with its bumper sensor

5

### Vacuum Motor

Turn vacuum motor ON or OFF

(user may want to turn OFF vacuum when performing damp mopping)

6

### UV light

Turn UV light sanitization On or OFF

## Remote Control

*Please remove the plastic insulation tag at the battery cover before using remote control*

**Power** – Press to activate or shut down robot

**Start/Stop** – Press to start or stop cleaning process

**Timer** – Press to select desired cleaning time

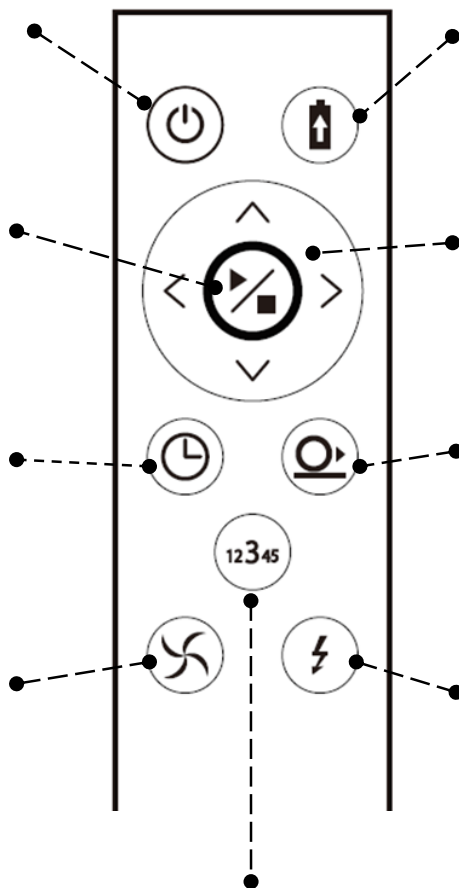
**Vacuum Motor** – Press to activate or stop vacuum motor

**Home/Charge** – Press to order robot to return Home Charging Base and abort cleaning

**Direction** – Press to manually control robot movement

**Soft Touch** – Press to select between bumper sensing and soft touch sensing

**UV light** – Press to turn UV sanitizing ON or OFF



**Cleaning Mode** - Press to select cleaning mode between

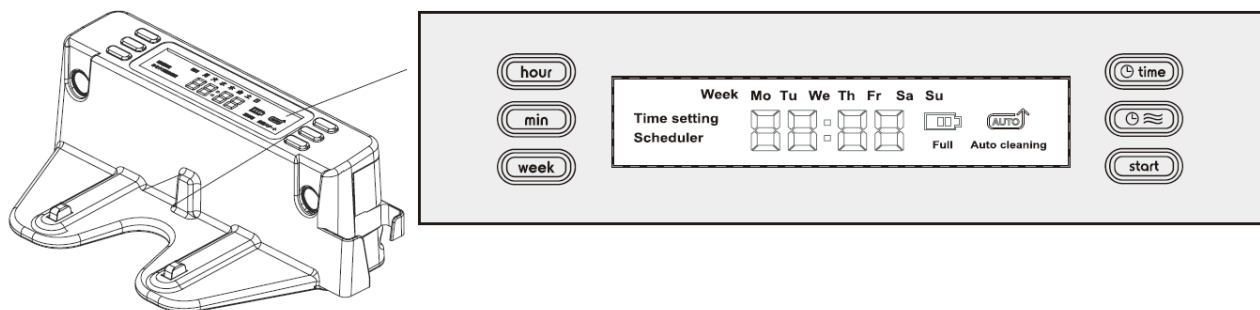
- 1 Special Bounce
  - 2 Spot Spiral
  - 3 Wall Following
  - 4 Zig-zag
  - 5 Polygonal Spiral
- A Auto (pre-set sequence of pattern 1 to 5)

# SCHEDULING

## Schedule Setting

Users can set schedule for robot cleaning process. This scheduling function is on Recharging Home Base.

Make sure the Recharging Home Base is powered all times.



### Set Local Weekday and Time

1. Press "**TIME**" button (🕒 **time**). The LCD display will show "Time Setting".
2. Press "**WEEK**" button to choose the correct weekday. Then press "Time" button to confirm
3. Press "**HOURL**" button to choose the hour. Then press "**TIME**" button to confirmed
4. Press "**MIN**" button to choose the minute. Then press "**TIME**" button to confirmed

### Scheduling the Robot

1. Press the "**SCHEDULE**" button (🕒 ≈) to start. The LCD display will show "Scheduler".
2. Press the "**WEEK**" button. The LCD display will show "Mo" (Monday) blinking.
3. If Monday is the chosen day, **press the "WEEK" button to CONFIRM**. Otherwise, **waiting for 8 seconds to skip** Monday
4. Repeat step 3 and 4 to finished all cleaning day settings
5. Press the "**HOURL**" button to select Auto Start time. Press "**Schedule**" button to confirm
6. Press the "**MIN**" button to select Auto start time. Press "**Schedule**" button to confirm
7. When schedule setting is finished, scheduled time will be displayed for 10 seconds and then it will shows local time (scheduled days is shown with local time)
8. Press the "**START**" button to set the robot on cleaning schedule. The LCD display will show "AUTO". (If Robot is not fully charged, it will skip Auto-Start)

- The schedule setting process will be aborted if no input for more than 60 seconds.
- To check the programmed cleaning time, press and hold the "Schedule" button
- To changing schedule, repeat the previous setting process
- To Start cleaning process manually, press **START** button on remote or press and hold **START** on home base for 3 seconds

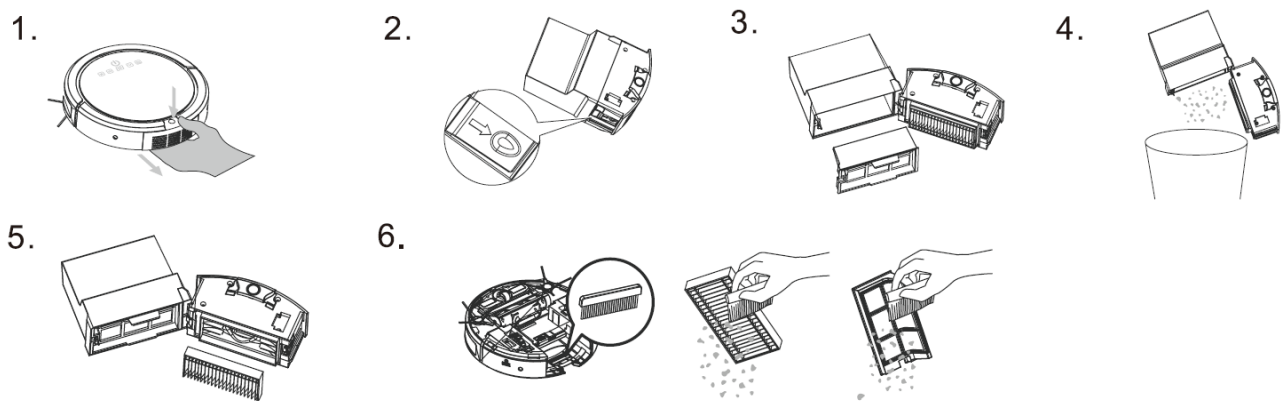
## Maintenance

In order to keep the robot in its best condition and for the best cleaning performance, it is suggested to perform the following maintenance.

### ❖ *Dust Bin and Filter Basic Cleaning*

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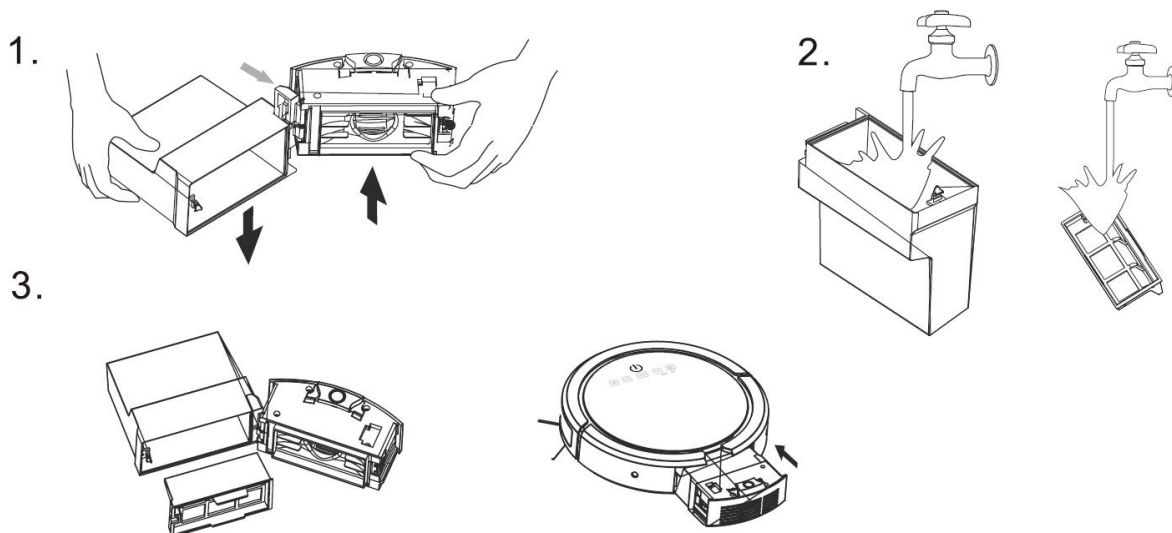
1. Press the Dust Bin Release Button to remove the dust-bin.
2. Press the side button to open dust compartment.
3. Remove the debris filter.
4. Empty all dust and shake off all debris.
5. Remove the dust HEPA filter.
6. Use the included brush (in robot) to wipe out the dust filter and debris filter



### ❖ *Deep Cleaning*

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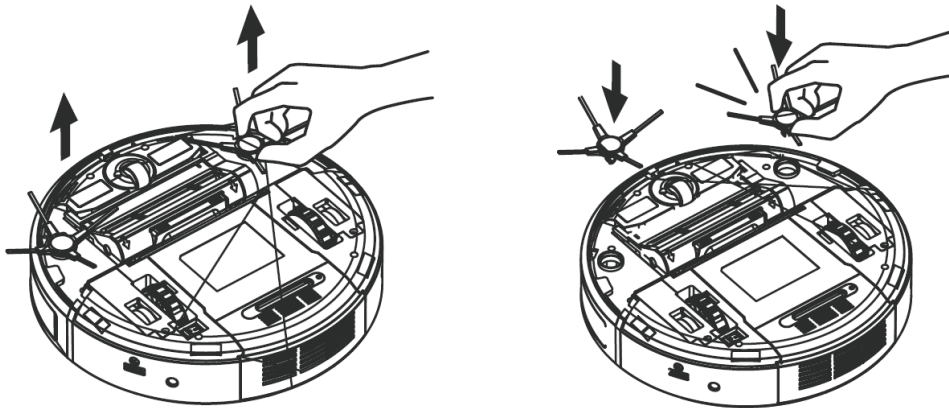
1. Carefully separate the debris holder part from dust compartment
2. Gently wash the debris holder and debris filter.
3. Dry them thoroughly with a cloth



# MAINTENANCE

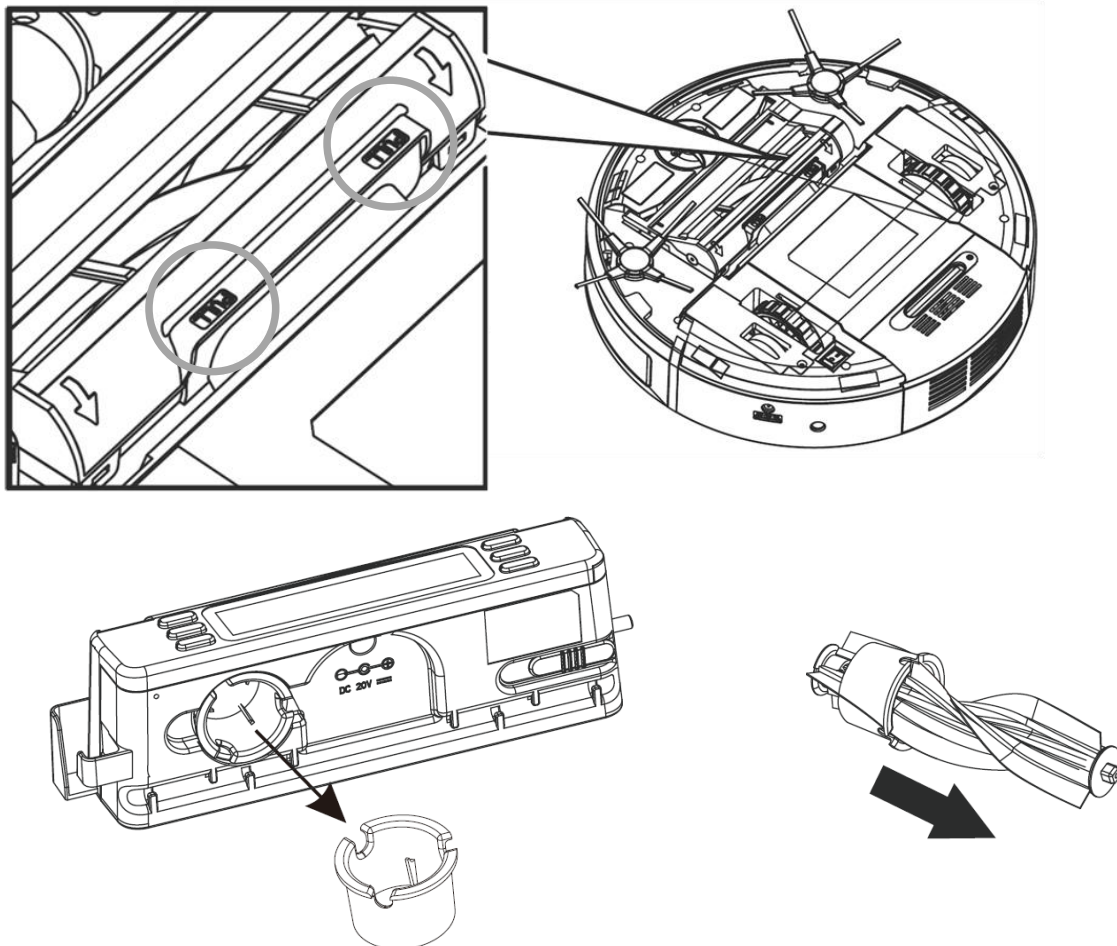
## ❖ Side Brushes

Side Brushes can be removal or installed by pulling or pushed vertically to the slot



## ❖ Rolling Brush

- Take out rolling brush by pressing the "PULL" button on rolling brush, then pull out the rolling brush directly
- Take out cleaning tool located on the rear side of the Charging Home Base.
- Slide the cleaning tool through the Rolling Brush.
- Install rolling brush by Inserting the rolling brush, then press the "PUSH" button and close the cover

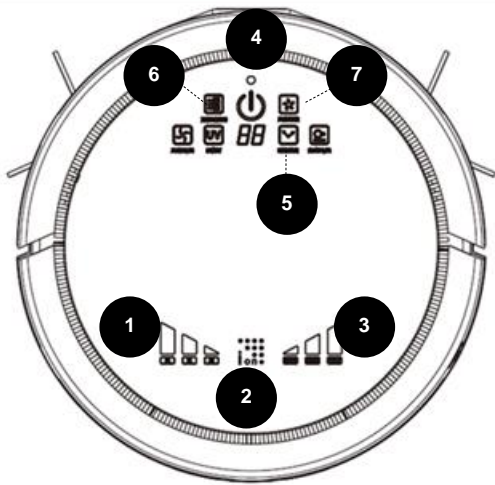




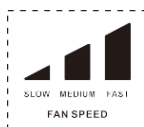
# AIR PURIFIER (For V01K Model Only)





## Air Purifier Module

Customers purchased Vacuum robot (SKU# V01) can purchase the module separately (SKU# V01A)

### ❖ Control Panel

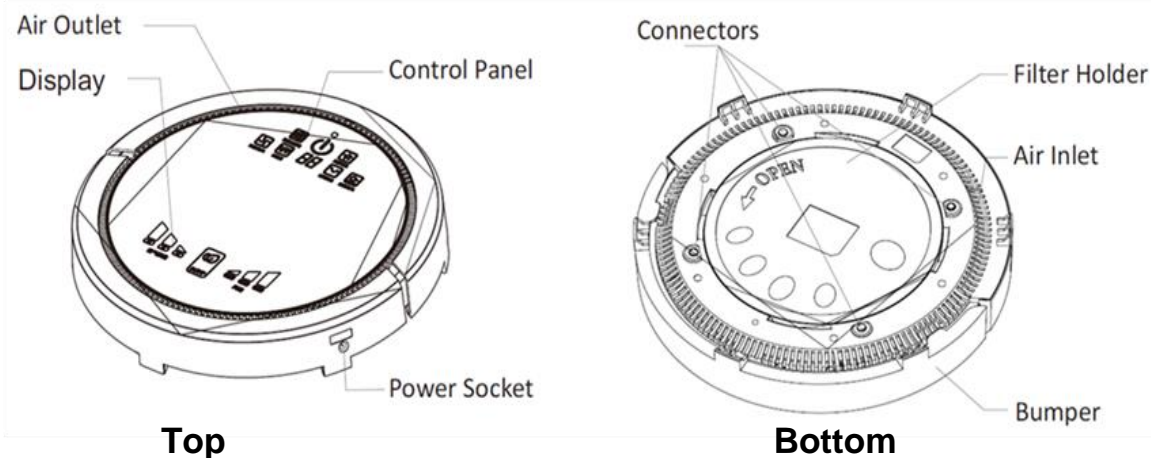


- 1  Air Quality Indication displays (Poor, Average, Good)
- 2  Ionizer enabled
- 3  Air Purifier fan speed displays (Slow, Medium, Fast)

- 4  **Start/Stop**  
When using with Cleaning Robot, touch the key to activate/deactivate both Vacuum Cleaning Robot and Air Purifier Module.  
*When using purifier alone\*, touch the key to turn on or off the Air Purifier.*
- 5  **Timer**  
When using with Cleaning Robot, during Idle Mode, touch the key to set the working time from 10 to 120 minutes, as "1" to "12".  
*When using purifier alone \*, touch the key to set the working time: "- -" as ON, "1" to "8" as 1 to 8 hours.*
- 6  **Filter**  
Icon glows to indicate replacement of filter is needed. After replacing the filter, hold the key for 3 seconds until the light goes off.
- 7  **Purifier Fan Speed**  
Touch the key to set the speed from SLOW, MEDIUM, and FAST.

\* Requires separate power adapter, sold separately  
Refer to Robot Control Panel for other buttons functions

### ❖ Features

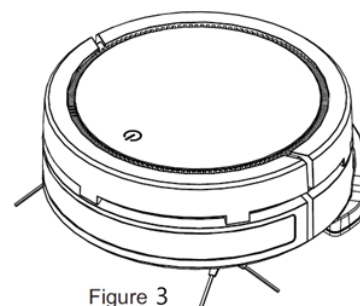
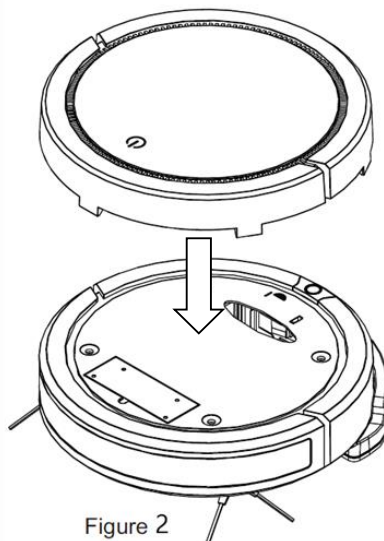
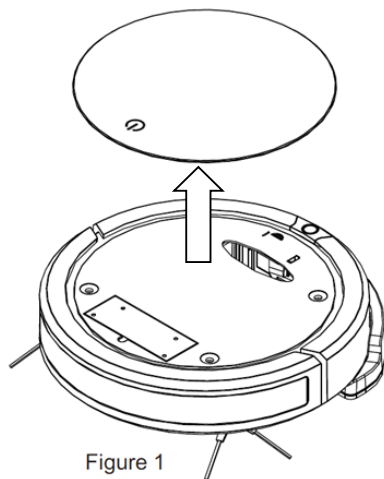




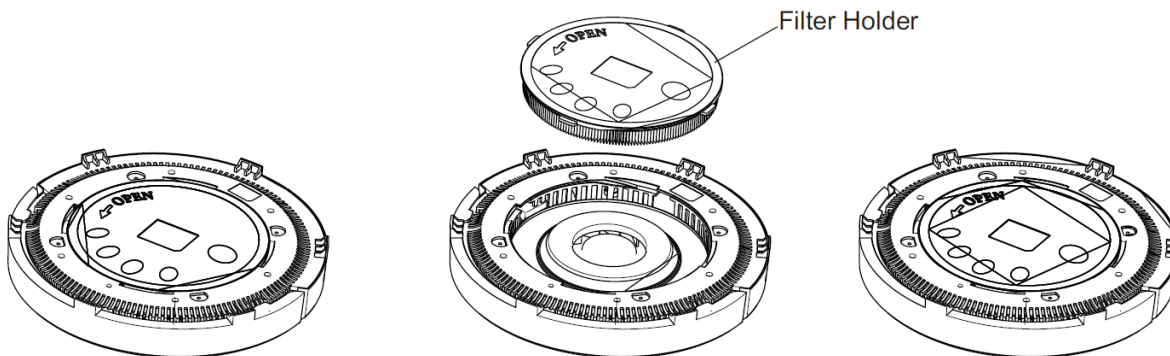
# AIR PURIFIER (For V01K Model Only)

## ❖ Installing Purifier to Cleaning Robot

- Remove Vacuum Cleaning Robot's cover. (Figure 1)
- Install the Air Purifier Module onto Vacuum Cleaning Robot. (Figure 2)
- Air Purifier Module and Vacuum Cleaning Robot properly installed. (Figure 3)



## ❖ Purifier Filter Replacement



Follow the "OPEN" arrow to detach the Filter Holder.

Lift the Filter Holder.

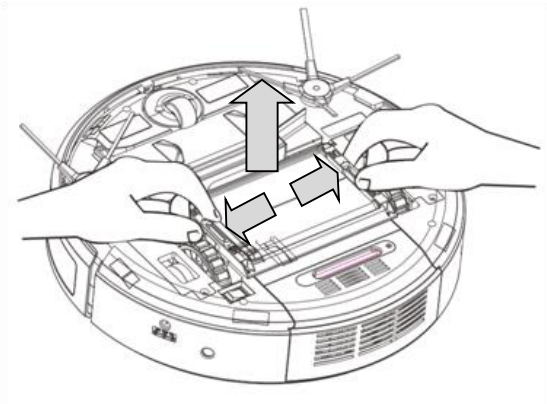
Replace new filter into Filter Holder, then reinstall it back to the Air Purifier Module by rotating in the opposite direction of the "OPEN" arrow.

# ADDITIONAL INFORMATION

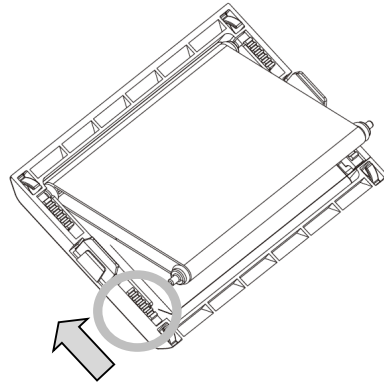
## Mopping Module Replacement

**DO NOT install mopping module for carpet flooring**

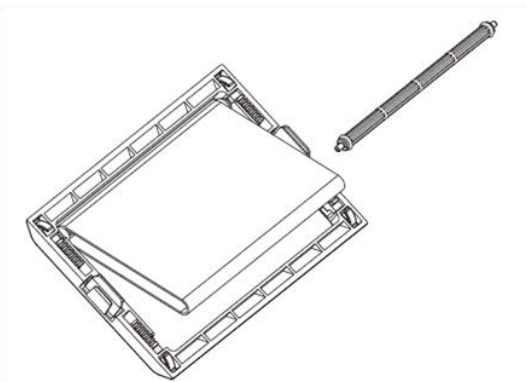
1



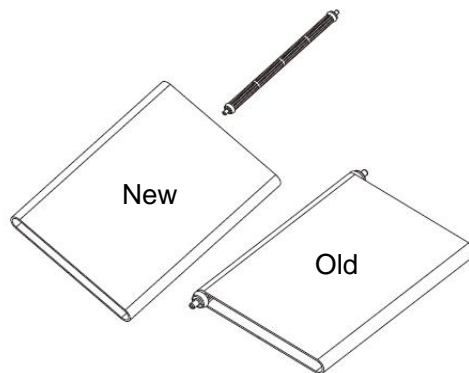
1. Push both sides of the mopping module at the position with "arrow" marks, and lift the module at the same time



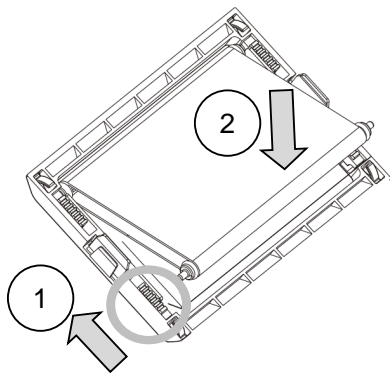
2. Push the springs on both sides to take out cloth and roller.



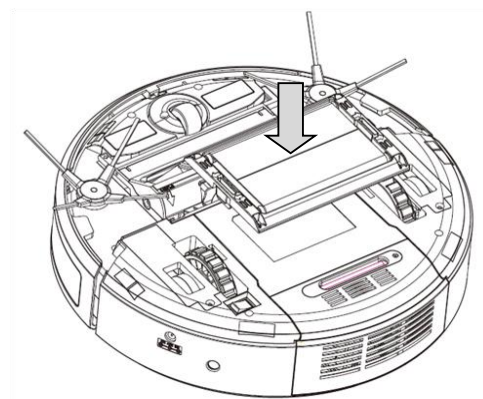
3. Take out both rollers



4. Insert both rollers to new mopping cloth and insert



5. Insert new mopping cloth and rollers to module by pushing springs on both sides



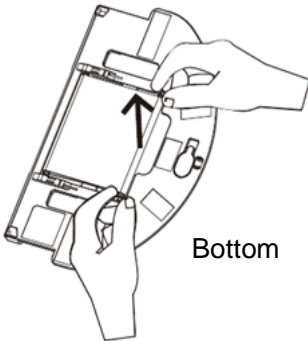
6. Align hooks (mop set) and slot (robot) and push down Mopping Module

# ADDITIONAL INFORMATION

## Damp Mop Module

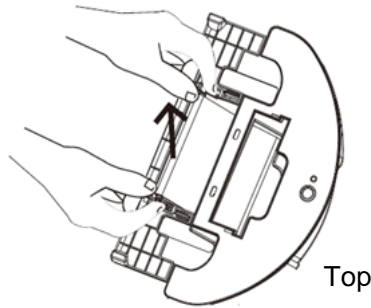
### ❖ Install Mopping Cloth on Damp Mop Module

**DO NOT install mopping module for carpet flooring**



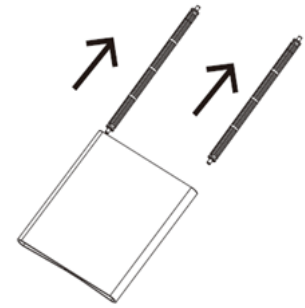
Bottom

5. Remove first roller

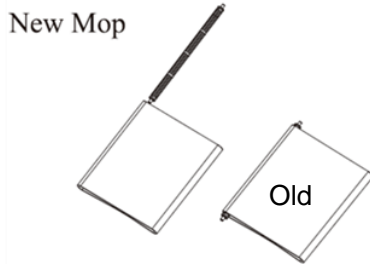


Top

1. Flip the module and remove second roller



6. Take out both rollers

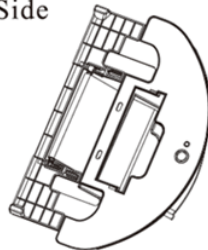


New Mop

Old

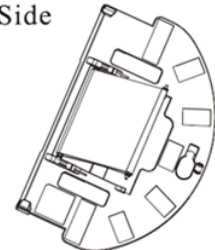
2. Insert rollers to new mopping cloth

Top Side



3. Place mopping cloth through the bottom of the module and insert roller to the slots on module top

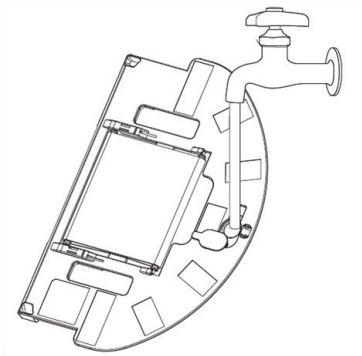
Bottom Side



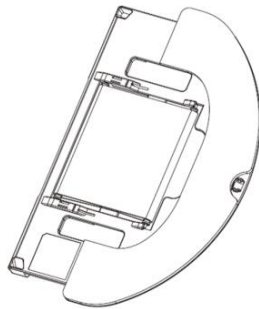
4. Insert second roller to slots on the module bottom

### ❖ Install Damp Mop Base on Robot

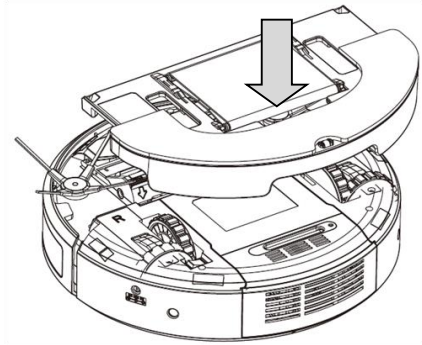
## ADDITIONAL INFORMATION



1. Open the cap on the base bottom, fill in water. Small amount of cleaning solution could be added for better cleaning performance. Close the cap

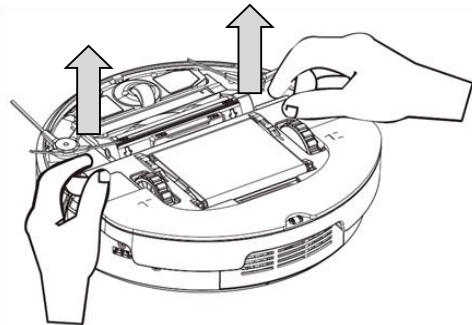


2. Place round mop cloth along the Velcro on bottom of module



3. Make sure there is no leaking. Then align module and robot and push down module

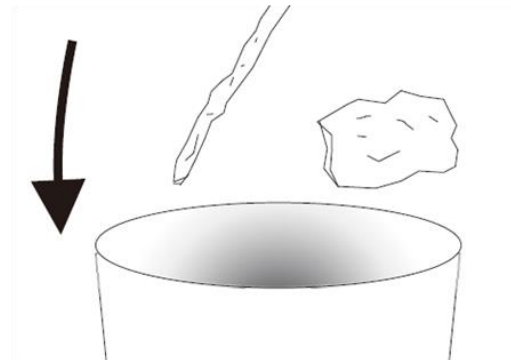
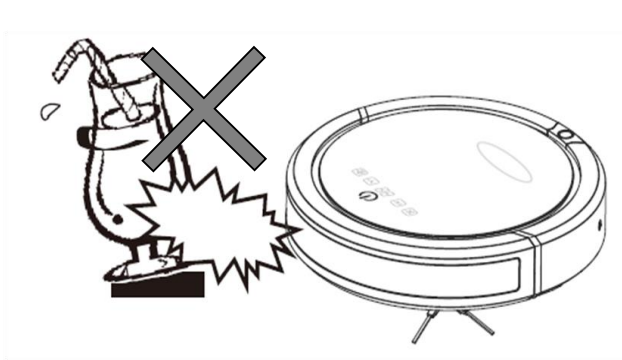
To remove Damp Mop Base, Pull the base at the position marked "PULL"



### Useful Tips

#### Tips #1

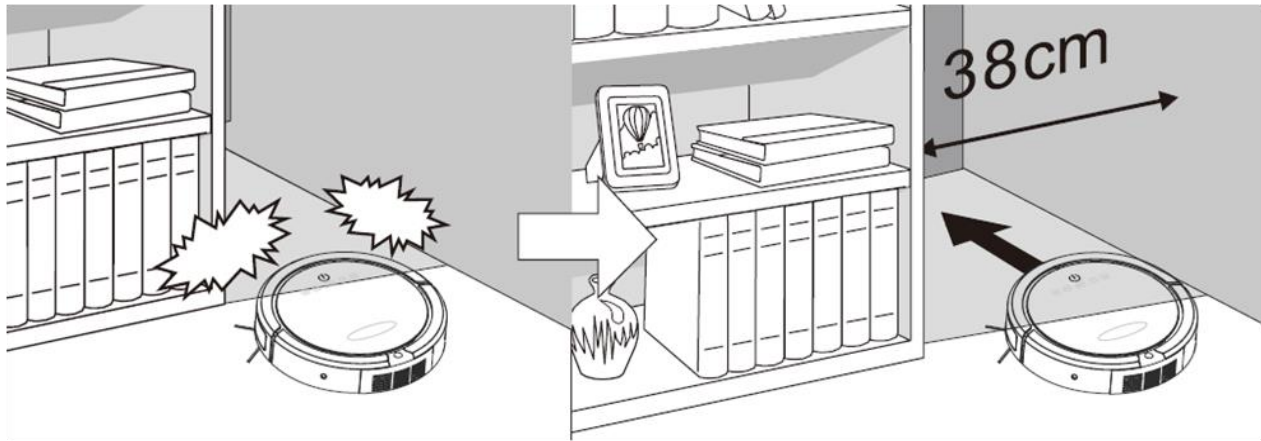
Remove large debris, loose cables, and wires from cleaning area that can be easily tangled with brush or knocked over



#### Tips #2

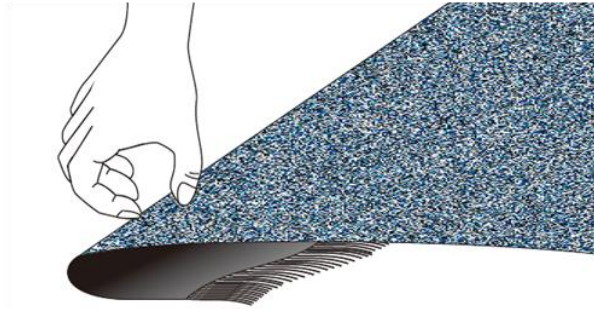
Leave enough clearance space (**15-inch** or more) for the robot to operate

## ADDITIONAL INFORMATION



### Tips #3

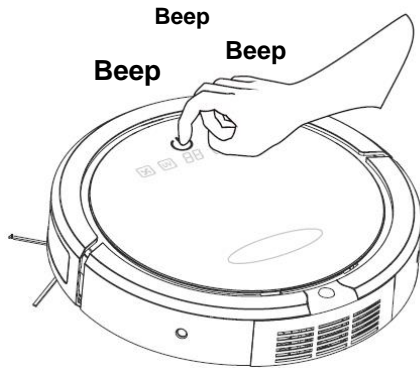
Do not let loose edges of rugs, drapes, table cloths etc, to get caught by robot's brushes. Roll the loose edges of rugs underneath.



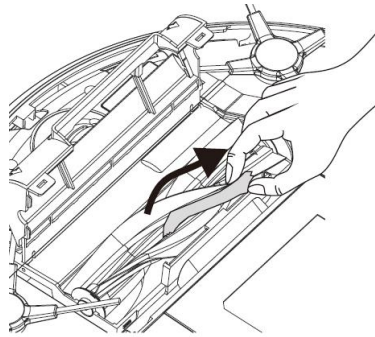
## ADDITIONAL INFORMATION

### Tips #4

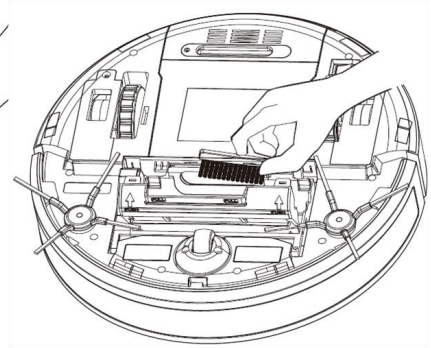
If some objects jammed the roller brush or side brush, turn the robot power off immediately. Remove the objects before using the robot on again



*Robot will beep when jammed.  
Power off the robot at once*



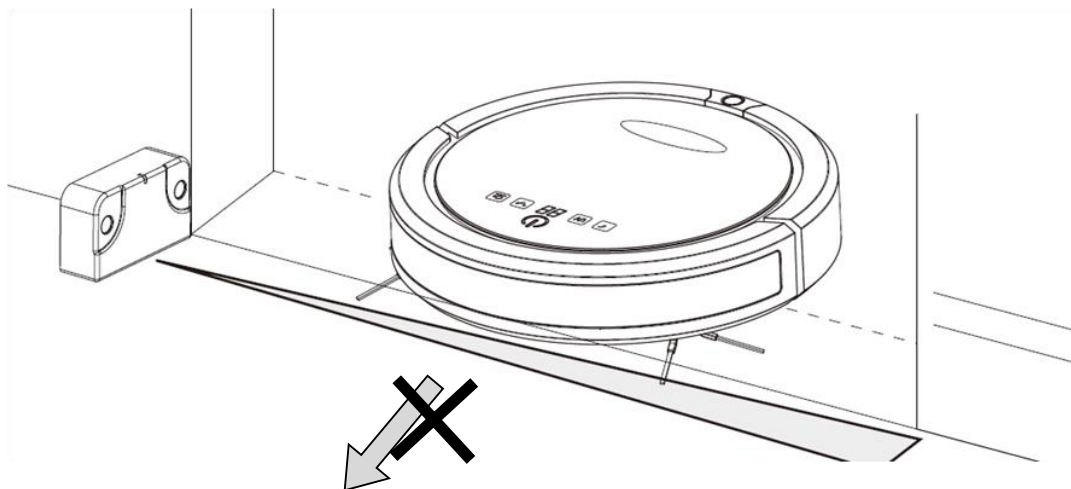
*Remove objects jammed in  
brushes or roller*



*Clean roller and vacuum  
entrance area*

### Tips #5

Block off certain areas, like a room, with Sonic Virtual Wall (or other objects) to get efficient cleaning result and prevent robot from losing its way back Charging Home Base



# ADDITIONAL INFORMATION

## Troubleshooting

Symptom	Cause	Solutions
<b>Error Message</b>	<ul style="list-style-type: none"> <li>• Sensor malfunction or system jammed</li> </ul>	<ul style="list-style-type: none"> <li>• Check the error message section (panel display) for correct actions</li> </ul>
<b>Robot cannot power on</b>	<ul style="list-style-type: none"> <li>• The battery may not be installed probably or robot is not switched ON</li> </ul>	<ul style="list-style-type: none"> <li>• Check if battery is in good condition and installed probably</li> <li>• Make sure ON-OFF switch on the bottom of robot is turned ON</li> </ul>
<b>Remote control malfunction</b>	<ul style="list-style-type: none"> <li>• The battery insulation tag is not taken off, OR</li> <li>• The battery is not installed probably or running low</li> </ul>	<ul style="list-style-type: none"> <li>• Take out insulation tag</li> <li>• Change battery</li> </ul>
<b>The robot cannot be recharged</b>	<ul style="list-style-type: none"> <li>• AC power is not plugged in to Home base, or</li> <li>• The robot is not correctly docked at the Home Base, or</li> <li>• The battery is over-heated</li> </ul>	<ul style="list-style-type: none"> <li>• Check Home Base AC power</li> <li>• When robot docked on Home Base, make sure the charge pad is in proper position</li> <li>• Wait for 60 mins until battery cooled down</li> </ul>
<b>Rolling brush or side brush do not work</b>	<ul style="list-style-type: none"> <li>• Brushes get stuck by debris or hair</li> </ul>	<ul style="list-style-type: none"> <li>• Clean brushes completely</li> </ul>
<b>The Robot does not start cleaning after it is fully recharged</b>	<ul style="list-style-type: none"> <li>• The “Auto Start” function is not set</li> <li>• The battery is over-heated</li> </ul>	<ul style="list-style-type: none"> <li>• On Home Base, check the schedule setting and press “Auto” button</li> <li>• Do not use the battery for at least 60 mins until it is completely cooled down</li> </ul>
<b>The Robot keeps moving backward or turning around</b>	<ul style="list-style-type: none"> <li>• Cliff sensors are blocked or covered by dust</li> </ul>	<ul style="list-style-type: none"> <li>• Wipe all sensors with dry, clean cloth</li> </ul>

## Specification

Battery	Rechargeable Li-ion 3,350 mAh
Recharging Time	< 3 hours
Power Consumption	24W
Dimensions	13" diameter x 1.3" height (robot), 13" diameter x 1.8" height (purifier module)
Weight	11 lbs

## Warranty Statement

### One Year Limited Product Warranty:

Cover International Inc. warrants to the original purchaser of this PRODUCT that the PRODUCT is free from defect in original materials and workmanship for a period of up to one (1) year from the date of initial purchase. Your sales receipt showing the date of purchase is the proof of purchase. This warranty is not transferable. The limited warranty does not apply to products purchased from unauthorized COVER reseller.

During the warranty period, COVER will repair or replace a defective unit or part with or at COVER's option, a refurbished unit or part that is equivalent to any new parts in performance. All exchanged units or parts replaced under this warranty will become the property of COVER.

The limited warranty excluded all products that have been damaged or rendered defective as a result of:

- Accident, misuse, or abuse
- Operation outside the usage parameters stated in the products users guide
- By the use of parts not manufactured or sold by COVER
- By alteration of the product
- Service by anyone other than an authorized service provider

COVER retains the right to assess all warranty claims to determine if damages are covered by the warranty. In case of claim that is not covered by the warranty, customers will be contacted to determine whether such damages should be repaired for a fee.

### Obtaining Service

You may choose to bring or ship your product for service to an authorized service provider. To find your nearest service provider, please contact your reseller or COVER by phone number below. You are responsible for all shipping charges, risk of loss during shipment, any duties and/or taxes, or any other charges associated with transporting the product to and from the service provider.

### Limitations of Remedy

COVER is not liable for any damages caused by the product or the failure of the product to perform, including any lost profits, lost savings, incidental damages, or consequential damages. COVER is not liable for any claim made by a third party or made by you for a third party.

The limitation applies whether damages are sought, or a claim made, under this warranty or as loss claim (including negligence and strict product liability), a contract claim or any other claim.

This limitation of liability will be effective even if COVER or an authorized representative of COVER has been advised by you of the possibility of any such damages. The limitation of liability, however, will not apply to claims for personal death or injury.

Except as expressly set forth in this warranty, COVER makes no other warranties, expressed or implied, including any imposed warranties of merchantability and fitness or particular purpose. COVER expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty.

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