User Manual Book

Robot Vacuum Cleaner

RV 3040 GXWH

TABLE OF CONTENT

This manual book explains everything you need to know about your new product. Please contact our Customer Care should you need further assistance through www.modena.com.

PART 1: IMPORTANT SAFETY INFORMATION

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

Safety Instruction

1. Only authorize technicians can diassemble this product. User are not recommended to diassemble this product by themselves.
2. This product can only use the power adapter provided by the factory. If other adapters are used, the product maybe damaged.
3. Do not touch wires, sockets, or adapter by wet hands.
4. Do not allow cloth curtains or body parts to roll into the product drive wheels.
5. Do not place this product near cigarette butts, lighter, and other smoldering fires.
6. Please clean the product after charging.
7. Do not bend wires excessively or place heavy objects and sharp object on the device.
8. This product is indoor household product. Do not use it outdoor.
9. Do not sit on the product.
10. Do not use this product in wet environtment, e.g. bathroom.
11. Before using this product, please remove all vulnerable items, e.g. glasses, lamps, etc., on the ground as well as items that may entangle the side brushes and air suction passage, e.g. wires, paper sheets, cloth, etc.
12. Do not put this product in a place where is easy to fall, e.g. on table, deck, or chair.
13. Please carefully check whether the power adapter is connected to the socket before using, otherwise the battery maybe damaged.
14. To prevent tripping, please inform other house members when it works.
15. Please empty the dust box before using this product if it is full.
16. The ambient temperature use of this product is 0 to 40⁰C.
17. Do not use this product in high temperature environtment (more than 40⁰C).
18. Please remove the battery from the device before the product is scrapped.

19. Please make sure that this product is not powered on when removing the battery.
20. Please recycle the discarded batteries safely.

⚠ Warning

1. Use only the original rechargeable battery and charging dock specially equipped by the manufacturer. Non-rechargeable batteries are strictly prohibited. Please refer to the "Specification" section for battery specification information.
2. It is forbidden to use the product in environtment with open flame or fragile objects.
3. It is forbidden to use the product in extremely hot (above 40⁰C) or extremely cold (below 0⁰C).
4. It is forbidden for human hair, clothes, fingers, and other objects ti approach the opening and operating parts of the product.
5. It is forbidden to use the product on wet or stagnant ground.
6. It is forbidden to use the product to absorb any objects, such as stones and waste pape r, that may clog it.
7. It is forbidden to use the product to absorb any flammable suctances, such as petrol and toner (for printers or photocopies). Do not use the product in clean area with flammable materials.
8. It is forbidden to use the product to absorb any burning articles, such as cigarettes, matches, ashes, and other articles that may cause fire.
9. It is forbidden to place any articles at the suction port. Do not use the product when the suction port is blocked. Clean up the duct from cotton wool, hair, etc. at the suction port to ensure smooth air circulation at the suction port.
10. Use the power cord carefully to avoid damage. It is forbidden to use the power cord to drag or pull the product and the charging dock, use it as handle, clamp it in the door gap, or pull it at sharp corners.
11. Do not place the power cord and charging dock near to heat source.
12. Do not use damaged charging dock.
13. Even the product has been severly damaged, burning the product is strictly prohibited. It may lead the explosion of the battery in the product.

PART 2: PRODUCT INTRODUCTION

Product Components
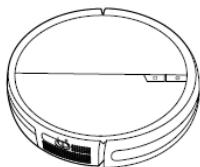
Robot Vacuum (main brush x1, 2in1 dustbin x1, and filter x1)
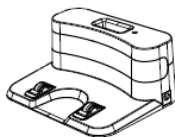
Charging Dock x1

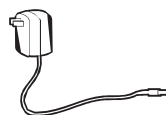Remote Control x1

Cleaning Brush x1
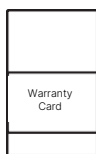
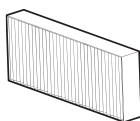Mopping Module x1

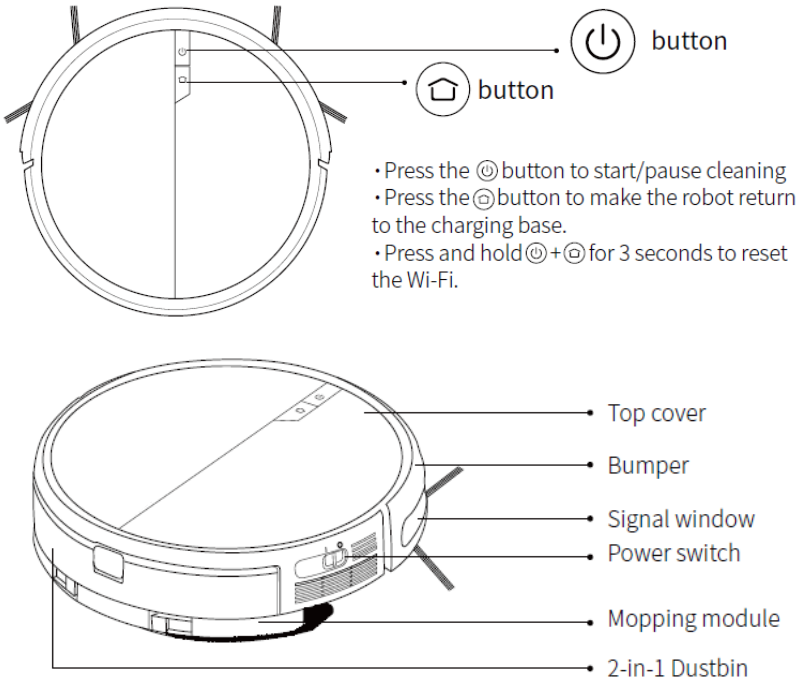Mopping Pad x2

Cleaning Brush x1

Side Brushes x4

Power Adapter x1

Warranty
Card

OPMB Card x1

HEPA Filter x1

Front of the Robot

(⏻) button

(⌂) button

· Press the ⊚ button to start/pause cleaning
· Press the ⊚ button to make the robot return to the charging base.
· Press and hold ⊚ + ⊚ for 3 seconds to reset the Wi-Fi.

Top cover

Bumper

Signal window
Power switch

Mopping module

2-in-1 Dustbin

Back of the Robot

Cliff sensors

Charging contacts

Side brush

Caster wheel
Battery cover
Main wheel
Main brush

Main wheel

Charging Dock

Power indicator
Signal emission area
Adapter port
Charging contacts

2-in-1 Dustbin

HEPA filter
Dustbin buckle
Dustbin
Water tank's cover/
Water filling port
2-in-1 watertank
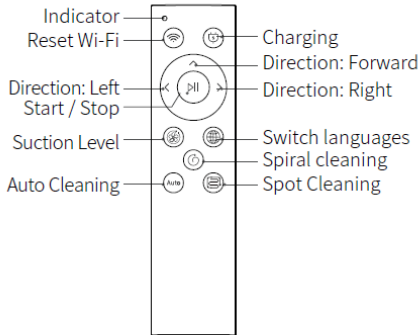release buckle

Notes:
Press the dustbin release buckle and use the other hand to open the dustbin by opening the dustbin cover.

Remote Controller

Indicator
Reset Wi-Fi
Charging
Direction: Forward
Direction: Left
Direction: Right
Start / Stop
Suction Level
Switch languages
Spiral cleaning
Auto Cleaning
Spot Cleaning

| Button		Function
⌘	Reset Wi-Fi	Press and hold for 3 seconds to reset Wi-Fi. A voice prompt will inform you that the robot is resetting, and the indicator @will flash in orange
⊕	Charging	Start returning to the base to charge
∧	Forward	Move forward
‹	Left	Turn left
›	Right	Turn right
⊳ΙΙ	Start / Stop	Start or pause cleaning
⊛	Suction Level	Increase the suction power of your robot
⊕	Switch languages	Press and hold for 3 seconds to switch languages
↻	Spiral cleaning	Start a spiral cleaning of current area
Auto	Auto cleaning	Start an auto cleaning, finish with an edge cleaning, and return to charge when the battery level is less than 20%
⊟	Spot cleaning	Start a zigzag cleaning of current area

PART 3: HOW TO USE

Notes:
1. Before using, remove the protective strip on the robot.
2. Press "/" to turn on the robot and "O" to turn off the robot.
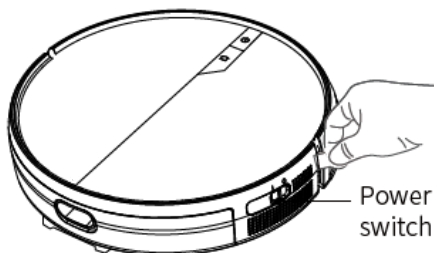
Charging

Place the charging dock against the wall and on flat floor. Do not place any objects within the range 1 m from the left and right and 2 m from the front. The power indicator will be on to show good power connection.
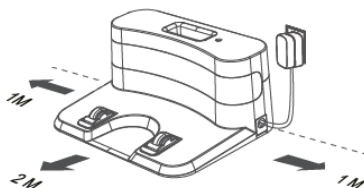
Charging the robot for the first time:
Place the robot on the charging base to charge, make sure that the contact points are aligned with the charging base.

To better maintain the battery life:
1. Keep charging the robot on the charging dock before first use. It usually takes about 4,5 hours to fully charge the battery. When fully charged, the indicator will stop blinking.

2. During normal use, the robot will automatically come back to its charging base, connected to the power supply to charge.
3. If the robot will not be used for a long time, please turn off the power after it is fully charged and place it in a dry and cool environment. Please charge it every three months to avoid irreversible damage to the battery.
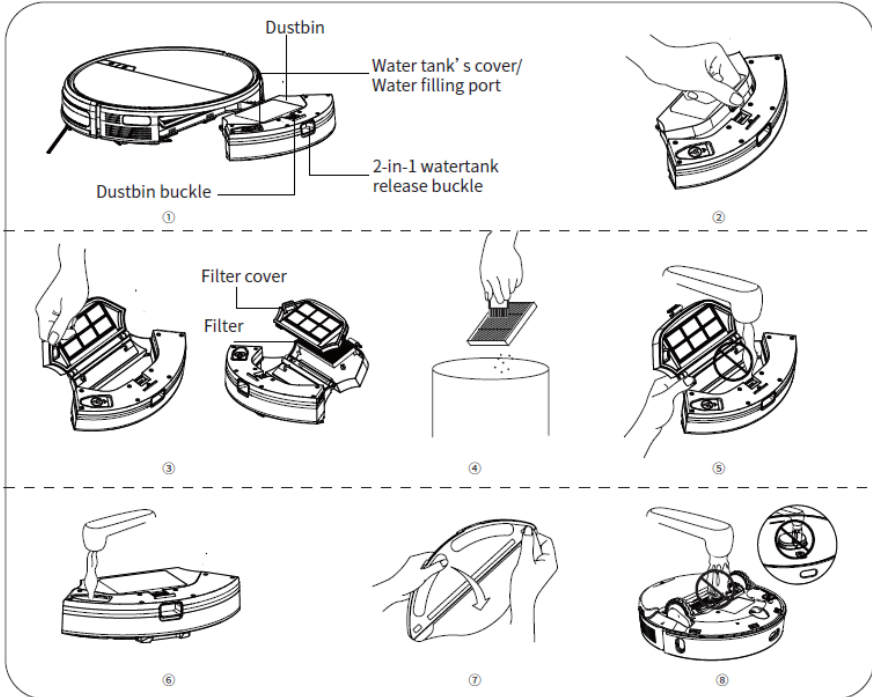
Cleaning

The robot has some cleaning modes to meet user needs. Users can choose an appropriate mode by using remote control or Apps.

1. Auto Cleaning
   - Application: the robot will clean the room automatically by following a zigzag pattern and finish cleaning by cleaning along room's edge. When cleaning is completed, the robot will return to the charging dock automatically.
   - Configuration: Press ⊛ symbol on remote or Apps to start auto cleaning.
2. Spot Cleaning
   - Application: to clean a specific dirty area repeatedly. The robot will move in a spiral path to clean the area and return to the starting point when cleaning is completed.
   - Configuration: Press ⊜ symbol on remote or Apps to start spot cleaning.
3. Spiral Cleaning
   - Application: place robot in the center of area to be cleaned to clean in spiral route and return to the charging station after finished.
   - Configuration: Press ⊚ symbol on remote controller or Apps to activate spiral cleaning.
4. Edge Cleaning
   - Application: robot will find the wall and clean along the wall automatically.
   - Configuration: press the ⊡ symbol on Apps to activate edge cleaning.
5. Schedule Cleaning
   - Application: Start cleaning at specific time.

- Configuration: Tap setting button in the app, set cleaning time then the robot will start to clean at specified time. When the cleaning is completed, it will go back to the charging base.
6. Suction Level
   Tap Suction level 〔⊛〕 button on the remote control or app to change from close, quiet, standard, and powerful.
7. Water Level
   Tap Water level on the app to change from close, low, middle, and high.
8. Add water or clean the mop during cleaning.
   Press any button to pause the robot first to add water or clean the mop then press any button again to resume cleaning.

PART 4: MAINTENANCE

Clean the 2-in-1 Dustbin

1. Press and hold to relase buckle while pulling it out.
2. Press the buckle of the dustbin to open it.
3. Take out the filter.
4. Use the cleaning brush to clean the filter and remove debris. (HEPA filter is a consumable item. It is recommended to replace it every 3–6 weeks)
5. Clean the dustbin
6. Open the water tank cover and fill it with the right amount of water. Never add any type of cleaner or disinfectant to the tank to avoid corroding the electronics in it.
7. Reverse the 2-in-1 dustbin and remove the mop for replacement.

Notes:
1. The state of the mop affects the mopping effect; please keep the mop clean.
2. Always remove the mop to clean and dry it before installing. It's recommended to clean the mop separately from the water tank, otherwise the dirty water will stain the filter.
3. The mop is a consumable item, it's recommended to replace it once every 3-6 weeks.

PART 5: TROUBLESHOOTING

If robot has a problem, it will make some prompt tone to notice the user. Please check below table for the list of prompt tone, possible cause, and recommended actions.

Prompt Tone	Problem	Recommended Actions
Error 1: Please place the robot on a level ground and restart it	Robot tilted when started	Please place robot on a level ground and try again
Error 2: Connection failed	Robot can't connect to apps	Please check if the Wi-Fi network is connected. Only 2,4Ghz Wi-Fi network is supported
Error 3: The robot is being lifter, cleanup is paused	Robot being lifted	Place it on the ground and try again
Error 4: Left wheel is stuck	Left wheel is stuck / jammed	Remove obstacle around the wheels and try again
Error 5: Right wheel is stuck	Right wheel is stuck / jammed	Remove obstacle around the wheels and try again
Error 6: Main Brush is stuck	Main brush is stuck	Remove foreign object wrapped around main brush
Error 7: Side Brush is stuck	Side brush is stuck	Remove foreign object wrapped around side brush
Error 8: PSD detector along the wall is blocked	Dirt on PSD detector	Clean dirt from the PSD detector at the side of the bumper
Error 9: Cliff sensor is blocked	Cliff sensor blocked	Clean the dirt from cliff sensor under the bumper
Error 10: Collision sensor is stuck	Collision sensor blocked	Remove foreign object at the bumper
Error 11: Power switch on the robot should be turned on when charging	Power switch position "off"	Turn on the power switch on the side of the robot
Error 12: Low battery, please try again later	Battery low	Charge the robot to sufficient power and try again

PART 6: SPECIFICATIONS

Model	RV 3040 GXWH
Type of Product	Robot Vacuum Cleaner
Navigation Type	Gyroscope
Color	White
Dust Box Capacity	305 mL
Water Tank Capacity	255 mL
Motor Power	35 W
Battery Capacity	2600 mAh
Battery Voltage	14.4 V
Suction	2600 Pa
Charging Time	4-5 hours
Working Time	Up to 160 mins
Dimension	Ø320 x78 mm

Specifications of this appliance may change without notice to improve the quality of the product. Pictures in this manual are schematic and may not match your product exactly. Values stated on the robot labels or in the documentation accompanying it are obtained in the laboratory in accordance with the relevant standards. Depending on the operational and environmental conditions of the appliance, values may vary.

PART 7: APPS USAGE

1. Download *"MODENA Smart"* Apps from Google Playstore or Apple App Store on your smartphone.
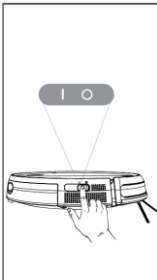

MODENA Smart
MODENA Indonesia

2. Use email address or phone number to register. Follow the steps on the Apps.
3. Click *"Add Device"* or *"+"* sign at the right top corner, then choose *"Robot Vacuum",* and click *"MODENA RV 3040 GXWH"*.

4. Connect the phone to WiFi network, input the network name and password, then click *"Next".*
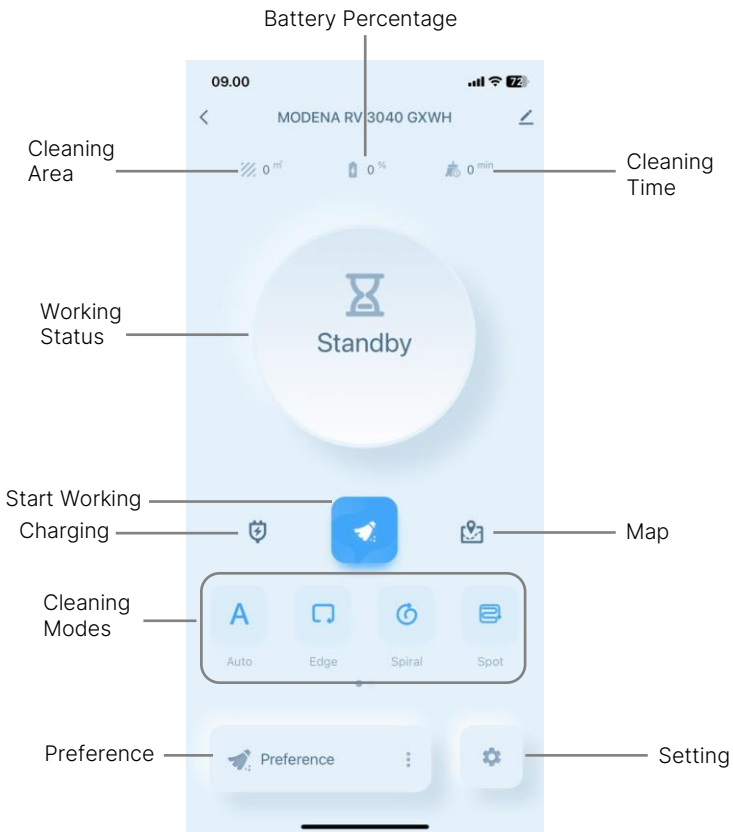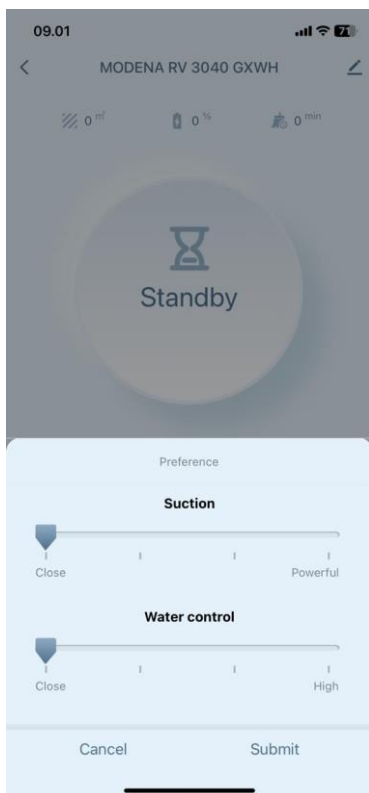   **Note:** The device can only connect to 2.4 GHz WiFi network.

5. Turn the robot on by pressing the Power button for 3 seconds, then press again the Power button 2 times fast until the WiFi indicator blinking rapidly and the voice prompt says" connecting *to network".*
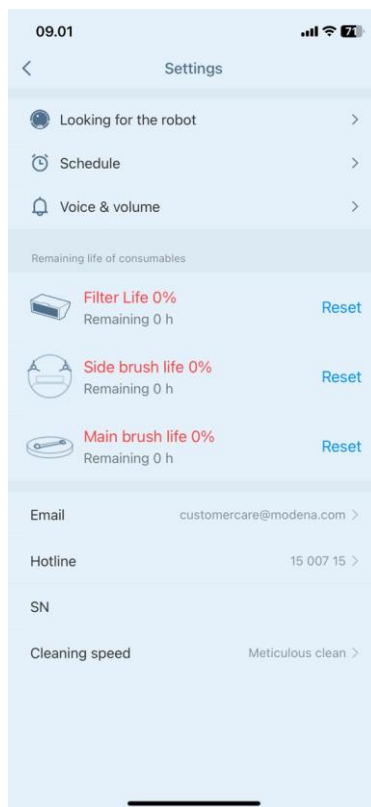
6. Tick on *"Confirm icon is flashing"* on the Apps then click *"Next"*.

7. Wait for the process to complete and sound voice prompt" WiFi *connected"*, then click **"Done"**.

8. The *"MODENA Smart"* Apps is ready to use to control the device.

9. Robot Vacuum Application Interface

Battery Percentage

Cleaning Area

Cleaning Time

Working Status

Start Working

Charging

Map

Cleaning Modes

Preference

Setting

09.00

MODENA RV 3040 GXWH

Standby

A Auto   Edge   Spiral   Spot

Preference

Preference

Setting

Notes:
1. For Cleaning Modes detail please check **"Part 3: How to Use."**
2. In Setting function, you can do:
   a. **Looking for the robot** -> Robot will make loud sound so you can look for the robot.
   b. **Schedule** -> You can add several schedules (time with repeat function) and choose between Auto and Edge cleaning mode.
   c. **Check consumable's part lifetime** (HEPA Filter, Side brush, and Main brush)

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