

Manuals.plus /

› Kilgone /

› Kilgone Robot Vacuum and Mop Combo User Manual

Kilgone G20 Robot Vacuum

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Model: G20 Robot Vacuum

Brand: Kilgone

1. INTRODUCTION

The Kilgone G20 Robot Vacuum and Mop Combo is an advanced 2-in-1 cleaning solution designed to simplify your home maintenance. This intelligent device combines powerful vacuuming with efficient mopping, offering a comprehensive cleaning experience for various floor types including hard floors, carpets, and areas with pet hair. With smart connectivity features, you can control and schedule cleaning effortlessly through a dedicated app or voice commands.

2. SAFETY INSTRUCTIONS

Before operating your Kilgone G20 Robot Vacuum and Mop Combo, please read all safety instructions carefully to ensure safe and optimal performance.

- Always ensure the robot is placed on a stable, flat surface when not in operation or charging.
- Keep loose cables, curtains, and small objects out of the robot's path to prevent entanglement.
- The robot is equipped with anti-drop sensors; however, exercise caution near stairs or elevated surfaces.
- Do not expose the robot to water or liquids, except for the designated water tank for mopping.
- Keep children and pets away from the robot during operation.

3. PRODUCT OVERVIEW

The Kilgone G20 Robot Vacuum and Mop Combo comes with the following components:

- 1x G20 Robotic Vacuum

- 1x Charging Dock
- 1x Power Adapter
- 1x Remote Control (includes 2x AAA Battery)
- 1x Dustbin
- 1x Watertank (with Washable Mopping Cloth)
- 2x Side Brushes
- 4x Filter Cotton
- 1x Cleaning Brush



Figure 1: Kilgone G20 Robot Vacuum and Mop Combo with accessories.

4. SETUP

Follow these steps to set up your Kilgone G20 Robot Vacuum and Mop Combo for first use:

4.1 Unboxing and Initial Charge

Remove all packaging materials. Place the charging dock against a wall on a hard, level surface. Connect the power adapter to the charging dock and plug it into a power outlet. Place the robot vacuum onto the charging dock, ensuring the charging electrodes align. Allow the robot to fully charge before first use (approximately 5 hours).

4.2 Install Side Brushes

Locate the two side brushes. Align the brushes with the corresponding L (left) and R (right) slots on the bottom of the robot and press firmly until they click into place.

4.3 Prepare Water Tank/Dustbin

- **For Vacuuming:** Ensure the dustbin is properly installed. Open the top cover of the robot, press the buckle to remove the dust box. Open the dust box lid, dump out any trash, remove the filter, clean it out, and then put the filter and dust bin back on.
- **For Mopping:** Take out the water tank assembly. Open the silicone plug and add clean water. Close the silicone plug after filling. Install the water tank back into the robot.

Video 1: Unboxing and initial setup of the Kilgone G20 Robot Vacuum.

4.4 App Connection (Tuya Smart App)

Download the "Tuya Smart" app from your smartphone's app store (App Store for iOS, Google Play for Android). Register a new account or log in.

- **To enter EZ mode:** Power on the robot. Press and hold the recharge button for 3 seconds until the indicator blinks rapidly. In the app, select "Add Device" > "Small Home Appliances" > "Robot Vacuum (Wi-Fi)". Confirm the indicator is blinking rapidly and follow the on-screen instructions to connect to your 2.4GHz Wi-Fi network.
- **To enter AP mode:** Power on the robot. Press and hold the recharge button for 6 seconds. In the app, select "Add Device" > "Small Home Appliances" > "Robot Vacuum (Wi-Fi)". Select AP mode, connect to the robot's hotspot Wi-Fi (usually starts with "SmartLife-XXX"), then return to the app to complete the connection.
- **To enter Bluetooth mode:** Ensure your mobile Bluetooth is ON. The app will automatically search for the robot nearby. Click "Add" after it is found.

Video 2: G20 Connect APP Guidance Video.

5. OPERATING INSTRUCTIONS

Your Kilgone G20 Robot Vacuum offers multiple cleaning modes and control options:

5.1 Cleaning Modes

- **Auto Cleaning:** The robot automatically cleans in a systematic pattern.
- **Spot Cleaning:** Focuses on a specific dirty area.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Zigzag Cleaning:** Cleans in a back-and-forth pattern for thorough coverage.

5.2 Control Methods

- **App Control:** Use the Tuya Smart app to set cleaning schedules, choose modes, adjust suction power, and receive alerts.

- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for convenient hands-free operation.
- **Remote Control:** Use the included remote for basic functions like starting/stopping, changing modes, and directing the robot manually.



Figure 2: The Kilgone G20 in action, providing automated cleaning.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Kilgone G20 Robot Vacuum.

- **Cleaning Charging Electrodes, Anti-drop Sensors, and Bumper:** Use a dry cloth to wipe these sensitive electronic components.
- **Cleaning Driving Wheel and Universal Wheel:** Regularly clean any debris or hair from the wheels to ensure smooth movement.
- **Cleaning Side Brushes:** Remove the side brushes and clear any tangled hair or debris. Reinstall them, ensuring L and R brushes are in their correct positions.
- **Emptying Dustbin and Cleaning Filter:** After each use, press the buckle to remove the dust box. Open the dust box lid and dump out the trash. Remove the filter and clean it out. Put the dust bin and filter back on.

Video 3: G20 Care and Maintenance Guide.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Common Faults and Handling Methods

Serial Number	Fault Content	Fault Tone (Bass/Treble)	Fault Handling Method
1	Bumper abnormal	0/1	Please check whether the bumper can rebound normally.
2	Anti-drop sensors abnormal	0/2	Please clean the anti-drop sensor or change the location and start again.
3	Abnormal charging/poor battery life	0/3	Please make sure to use the original adapter to charge and try to recharge the machine for 5 hours (Keep the charging contact normal).
4	Battery is low	1/1	Please put the machine back on the charging pile to charge.
5	Robot vacuum was stucked	1/2	Please use the machine in an open place!
6	Side brush was stucked	2/1	Please check whether there is any foreign matter entangled in the side brush and clean the foreign matter before starting.
7	The wheels was stucked	2/2	Please check whether there is any foreign matter entangled in the wheel and clean the foreign matter before starting.
8	Fan abnormal	2/3	Please check if the fan port is blocked or the dust box is full.
9	Encoder abnormal	2/4	Please try to restart the machine!

8. SPECIFICATIONS

Key specifications for the Kilgone G20 Robot Vacuum and Mop Combo:

Feature	Detail
Brand	Kilgone
Model Name	G20 Robot Vacuum
Special Features	Anti-Collision, Wet/Dry, Edge Cleaning, Anti-Fall, Low Noise
Color	Dark Black
Product Dimensions	11.8"L x 11.8"W x 2.91"H
Filter Type	Filter (washable) + Filter Cotton (not washable)
Battery Life	100 minutes
Voltage	14.4 Volts
Water Tank Capacity	230 Milliliters
Power Source	Battery Powered
Control Method	App, Remote, Touch, Voice
Compatible Devices	Smartphones, Amazon Echo, Google Home
Item Weight	5.5 pounds

9. WARRANTY AND SUPPORT

The Kilgone G20 Robot Vacuum comes with a one-year warranty. For any questions, concerns, or support needs, please contact us via email: vacuum@seller-us.com.