

CHiQ FR C5L 2.0 FBM

CHiQ Robot Vacuum Cleaner User Manual

Model: FR C5L 2.0 FBM

For optimal performance, please read this manual thoroughly before use.

1. INTRODUCTION AND OVERVIEW

The CHiQ Robot Vacuum Cleaner, model FR C5L 2.0 FBM, is designed to provide efficient and intelligent cleaning for your home. Equipped with advanced laser mapping technology, it precisely navigates and cleans areas up to 240m². This robot vacuum supports virtual walls, automatic charging, and can be controlled via a dedicated application, as well as voice commands through Alexa and Google Assistant. Its multi-map technology allows for storing multiple floor plans, making it ideal for multi-level homes.



Figure 1: CHI Q Robot Vacuum Cleaner and companion app interface.

Key features include:

- **Laser Navigation:** Precise mapping and real-time route planning with SLAM algorithm.
- **Multi-Map Technology:** Stores multiple floor plans for efficient cleaning of large or multi-story homes.
- **Customized Cleaning:** Define cleaning order for rooms, specific zones, and virtual walls.
- **Multiple Suction Modes:** Three powerful suction levels for various floor types.
- **Smart Control:** Wi-Fi/App control and voice control via Amazon Alexa and Google Assistant.
- **Automatic Charging:** Robot returns to its charging dock automatically when battery is low.
- **Large Dustbin:** 510ml capacity reduces frequency of emptying.

2. SAFETY INFORMATION

Please read and follow all safety instructions carefully to prevent injury or damage.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.

- Cleaning and user maintenance shall not be made by children without supervision.
- Use only the original charging adapter provided by the manufacturer.
- Do not operate the robot in wet environments or near water sources.
- Remove any loose cables, small objects, or fragile items from the cleaning path to prevent entanglement or damage.
- Ensure the robot operates on a stable surface and avoid dropping it from heights.
- Do not block the robot's sensors or charging contacts.
- Turn off the robot and unplug it before performing any maintenance or cleaning.

3. PRODUCT COMPONENTS

Unpack your CHiQ Robot Vacuum Cleaner and ensure all components are present:

- CHiQ Robot Vacuum Cleaner x 1
- Side Brushes x 3
- Filter x 1 (pre-installed or spare)
- Charging Cable x 1
- Charging Dock x 1

4. SETUP

4.1 Initial Charging

1. Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter to the sides and 1.5 meters in front.
2. Connect the charging cable to the dock and plug it into a power outlet.
3. Place the robot onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The indicator light on the robot will show charging status.
4. Allow the robot to fully charge before its first use (approximately 4-6 hours).

BATTERIE PLUS

5200mAh pour plus de nettoyage, et moins de charge.

Nettoyez des zones de plus de 240m²

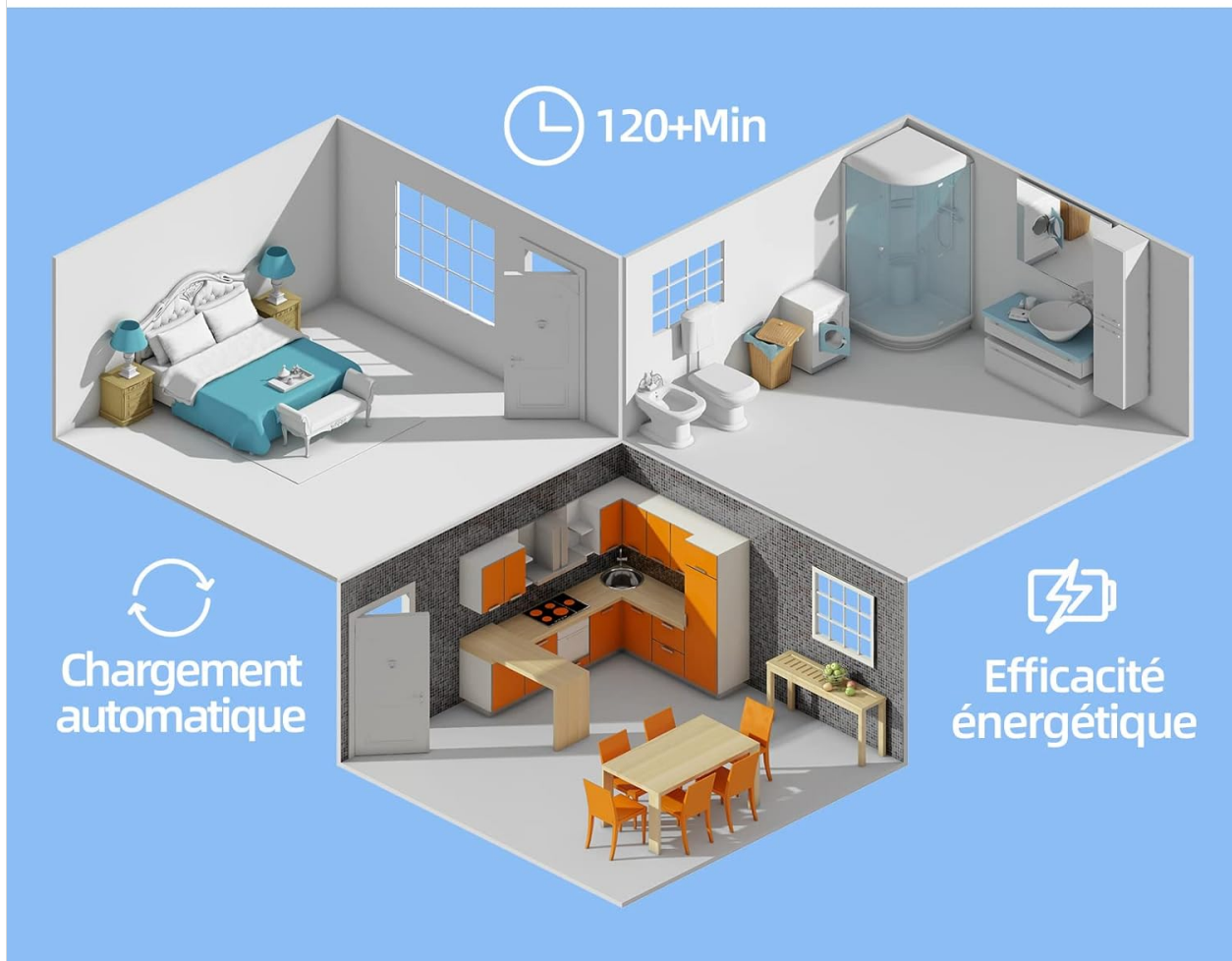


Figure 2: The robot vacuum automatically returns to its charging station.

4.2 App Installation and Wi-Fi Connection

1. Download the CHiQ Smart Home app from your smartphone's app store (iOS or Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your CHiQ Robot Vacuum Cleaner. This typically involves putting the robot into pairing mode and connecting it to your home's 2.4GHz Wi-Fi network.

4.3 Initial Mapping

For the best cleaning experience, allow the robot to complete an initial mapping run of your home. Ensure all doors are open to areas you wish to be mapped.

- Start a full cleaning cycle via the app or by pressing the clean button on the robot.
- The robot will use its laser navigation to create a detailed map of your home, which will be displayed in the app.
- Once the map is complete, you can customize cleaning zones, set virtual walls, and define no-go areas within the app.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping Cleaning

- **Via Robot:** Press the power button on the robot to start or pause a cleaning cycle.
- **Via App:** Open the CHiQ Smart Home app and tap 'Start Cleaning' or 'Pause'.

5.2 Using the App for Advanced Cleaning

The app provides comprehensive control over your robot vacuum:

- **Zone Cleaning:** Select specific areas on the map for the robot to clean.
- **Point Clean:** Direct the robot to clean a specific spot.
- **Virtual Walls/No-Go Zones:** Draw virtual boundaries on the map to prevent the robot from entering certain areas.
- **Scheduling:** Set cleaning schedules for automatic operation.
- **Suction Modes:** Adjust between different suction power levels (e.g., Standard, Strong, Max) based on your cleaning needs.



Figure 3: Customized cleaning settings available through the mobile application.

5.3 Voice Control (Alexa & Google Assistant)

Integrate your CHiQ Robot Vacuum with Amazon Alexa or Google Assistant for hands-free control:

1. Ensure your robot is connected to the CHiQ Smart Home app and your smart assistant device is set up.
2. Enable the 'CHiQ Smart Home' skill/action in your Alexa or Google Home app.
3. Discover devices.
4. You can now use voice commands such as:
 - "Alexa, start cleaning with [Robot Name]."
 - "Hey Google, tell [Robot Name] to go home."

Contrôle total en main

Connexion plus rapide et répond à vos besoins à distance



Figure 4: The robot vacuum supports control via its app, Google Assistant, and Alexa.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum.

6.1 Emptying the Dustbin

The robot features a 510ml dustbin. Empty it after each cleaning cycle or when the app indicates it is full.

1. Open the top cover of the robot.
2. Remove the dustbin by pulling it upwards.
3. Open the dustbin lid and empty its contents into a trash bin.
4. Close the dustbin lid and reinsert it into the robot until it clicks into place.

Bac de 510ml pour gagner du temps

Pas besoin de vider fréquemment, gère parfaitement toutes sortes de déchets quotidiens et de saletés grossières.



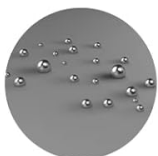
Cheveux



Miettes de biscuits



Coquilles de noix



Soja



Figure 5: The 510ml dustbin effectively collects various types of debris.

6.2 Cleaning Filters

Clean the filter regularly to maintain suction power. Replace the filter every 3-6 months depending on usage.

1. Remove the dustbin as described above.
2. Take out the filter assembly from the dustbin.
3. Tap the filter gently to remove dust. Do not wash the HEPA filter with water.
4. Reassemble the filter and dustbin.

6.3 Cleaning Brushes

Inspect and clean the main brush and side brushes weekly.

- **Main Brush:** Remove the main brush cover and lift out the brush. Use the cleaning tool (if provided) to cut and remove tangled hair or debris.
- **Side Brushes:** Gently pull off the side brushes. Remove any hair or debris. If brushes are damaged, replace them.

6.4 Cleaning Sensors and Charging Contacts

Wipe the sensors and charging contacts on both the robot and the charging dock with a dry, soft cloth monthly to ensure proper function.

7. TROUBLESHOOTING

If you encounter issues with your robot vacuum, refer to the following common solutions:

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Low battery; charging contacts dirty; power adapter not connected.	Ensure robot is on charging dock; clean charging contacts; check power connection.
Robot gets stuck frequently.	Obstacles in path; tangled brushes.	Clear floor of loose items; clean main and side brushes.
Poor cleaning performance.	Full dustbin; dirty filter; worn brushes.	Empty dustbin; clean/replace filter; clean/replace brushes.
App connection issues.	Incorrect Wi-Fi password; robot too far from router; 5GHz Wi-Fi network.	Verify Wi-Fi password; move robot closer to router; ensure 2.4GHz Wi-Fi is used.
Robot makes unusual noise.	Debris in brushes or wheels; foreign object inside.	Inspect and clean brushes, wheels, and dustbin for obstructions.

If the problem persists, please contact CHiQ customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	CHiQ
Model Number	FR C5L 2.0 FBM
Color	Black
Dustbin Capacity	510 Milliliters
Battery Composition	Lithium-ion
Controller Type	App Control, Voice Control, Button Control
Surface Recommendation	Multi-surfaces
Compatible Devices	Amazon Echo, Google Home, Smartphone
Item Weight	4.51 Kilograms
Package Dimensions	51.1 x 44.29 x 15.8 cm







9. WARRANTY AND SUPPORT

CHiQ provides a **5-year warranty** for this intelligent robot vacuum cleaner. Please retain your proof of purchase for warranty claims.

For technical support, warranty service, or any questions not covered in this manual, please contact CHiQ customer service through the official website or the contact information provided with your purchase.

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Related Documents - FR C5L 2.0 FBM

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	<p>CHiQ L40G7H User Manual: Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the CHiQ L40G7H television, covering initial setup, operation, connections, smart features, troubleshooting, and safety instructions.</p>
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