ZXSYYDS pool cleaner

ZXSYYDS Cordless Robotic Pool Cleaner Instruction Manual

Model: pool cleaner

Introduction Safety Information Product Overview Setup Operation Maintenance Troubleshooting Specifications Support

1. Introduction

Thank you for choosing the ZXSYYDS Cordless Robotic Pool Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new pool cleaner. Please read this manual thoroughly before first use and retain it for future reference.

This robotic pool cleaner is designed to automatically clean the floor and walls of your swimming pool, removing leaves, dirt, and sand. Its cordless design and smart navigation ensure a thorough cleaning experience without the hassle of tangled cables.

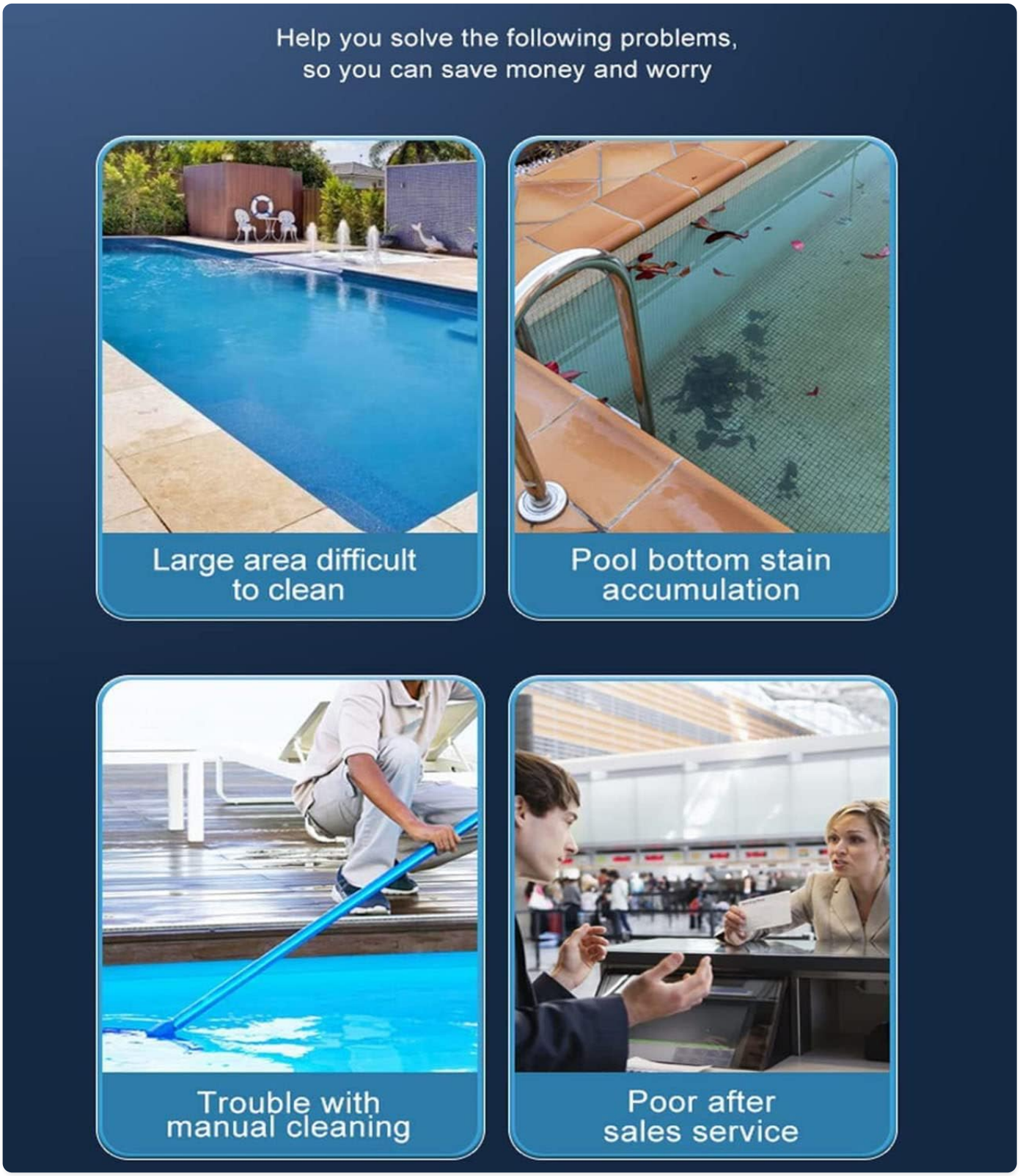


Figure 1.1: Common pool cleaning challenges addressed by the robotic cleaner.

2. Safety Information

To ensure safe operation and prevent damage to the unit, please observe the following safety precautions:

- Always turn off the cleaner before charging or performing any maintenance.
- Ensure the charging port is dry before connecting the charger.
- Do not operate the cleaner if the water temperature is outside the recommended range (typically 10°C - 35°C / 50°F

- 95°F).

- Keep children and pets away from the pool area while the cleaner is operating.
- Do not use the cleaner to remove floating algae or very large debris, as this may clog the filter or damage the unit.
- Only use the original charger provided with the unit.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.

3. Product Overview and Package Contents

3.1 Package Contents

The package should contain the following items:

- 1 x Robotic Pool Cleaner Unit
- 1 x Power Adapter/Charger
- 1 x Retrieval Hook (often included for easy removal)
- 1 x User Manual

3.2 Key Components

Familiarize yourself with the main parts of your robotic pool cleaner:

- **Main Unit:** Houses the motors, battery, and control system.
- **Suction Doors:** Two large openings on the underside for debris intake.
- **Bottom Brush/Scraper:** Assists in dislodging dirt and debris.
- **Filter Canister:** Top-load, removable canister for collecting debris.
- **Handle:** For easy lifting and retrieval.
- **Charging Port:** Located on the unit, used for connecting the charger.
- **Control Knob/Switch:** For selecting cleaning modes and starting the unit.



Figure 3.1: Overview of the cleaner's technology, including cyclonic vacuum and surface control for wall climbing.



Figure 3.2: Key features contributing to efficient cleaning performance.

4. Setup

4.1 Initial Charging

Before the first use, the robotic pool cleaner must be fully charged.

1. Ensure the cleaner is turned off and removed from the pool.
2. Locate the charging port on the unit and ensure it is dry.
3. Connect the charger to the unit and then plug it into a power outlet.
4. Allow **4 to 5 hours** for a full charge. The indicator light on the charger or unit will change to indicate charging status (refer to charger instructions for specific light patterns).

4.2 Placement in Pool

Once fully charged, the cleaner is ready for deployment.

1. Carefully lower the cleaner into the pool.
2. Allow it to sink to the bottom. Ensure no air bubbles are trapped underneath the unit.

5. Operating Instructions

5.1 Starting a Cleaning Cycle

1. Once the cleaner is at the bottom of the pool, turn the control knob or switch to the desired cleaning mode (see Section 5.2).
2. The cleaner will begin its cleaning cycle automatically.

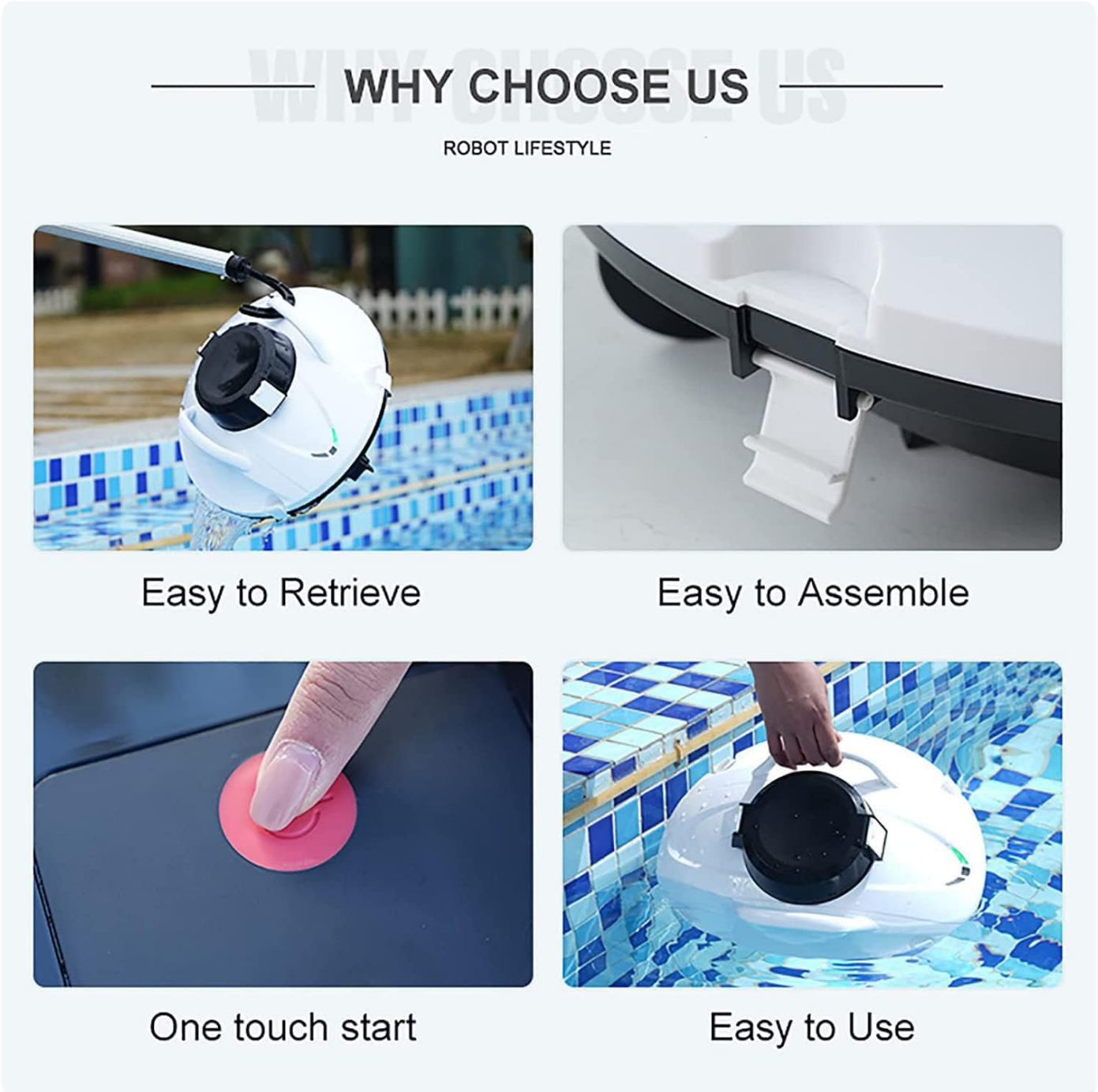


Figure 5.1: Starting the cleaner with a single touch.

5.2 Selecting Cleaning Modes

The cleaner offers different cleaning path modes to optimize cleaning for various pool shapes. Adjust the control knob on the top of the unit to select the appropriate mode:

- **Mode 1 (B-C):** Default setting, suitable for most standard rectangular or square pools.
- **Mode 2 (A-B):** Designed for oval-shaped pools.
- **Mode 3 (A-C):** Recommended for free-formed or irregularly shaped pools.

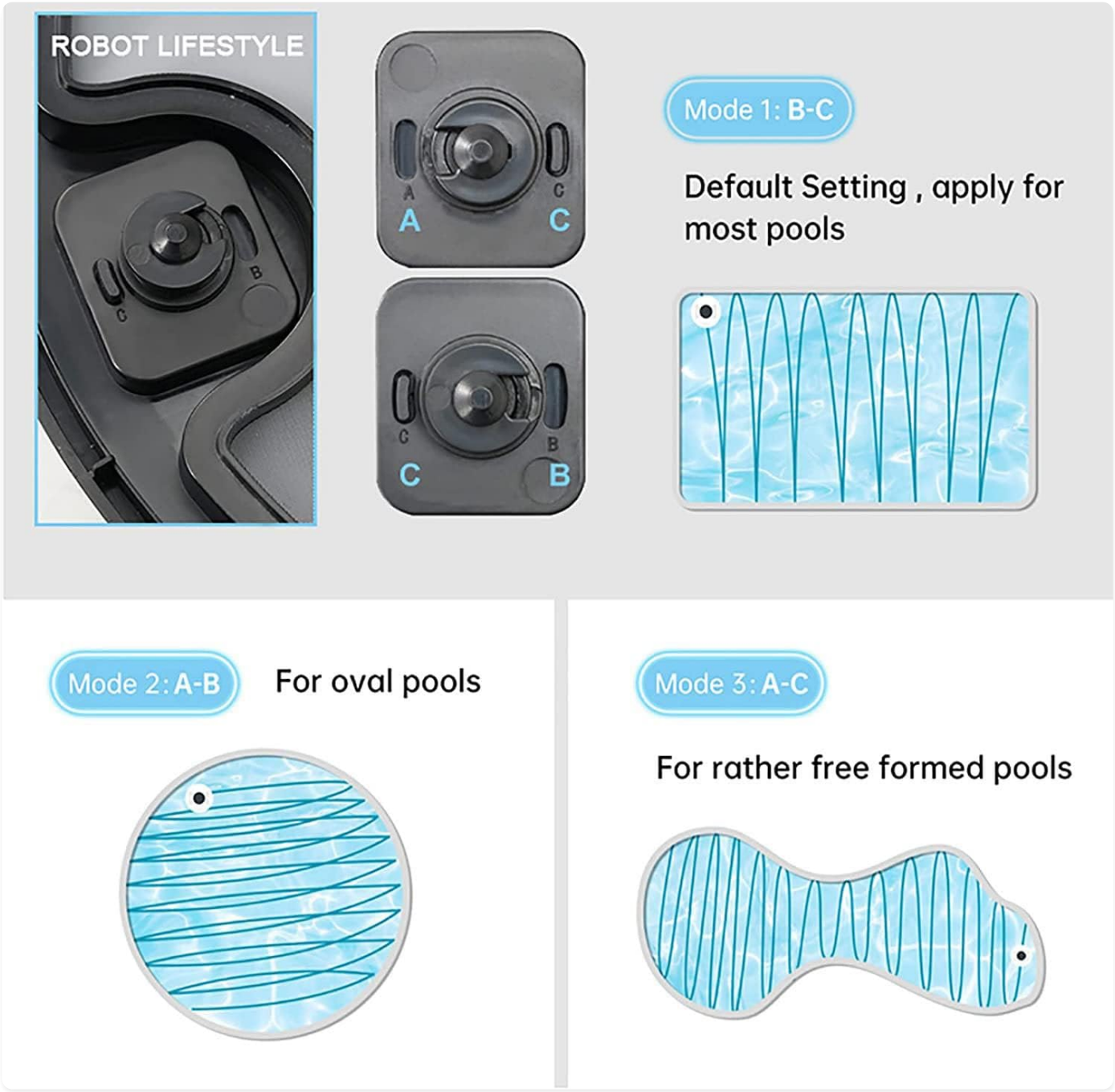


Figure 5.2: Cleaning mode selection based on pool shape.

5.3 Automatic Docking and Retrieval

The cleaner features intelligent auto-docking technology:

- When the cleaning cycle is complete or the battery is low, the robot will automatically move to the edge or corner of the pool.

- To retrieve the cleaner, use the provided retrieval hook to gently lift it by its handle.
- The 'Easy Lift Removal System' allows water to automatically evacuate from the cleaner as it is lifted, making retrieval easier.



Figure 5.3: Retrieval of the cleaner from the pool.



Figure 5.4: The Easy Lift Removal System facilitates effortless retrieval.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your robotic pool cleaner.

6.1 Cleaning the Filter Canister

The filter canister should be cleaned after each use or when visibly full.

1. Remove the cleaner from the pool and turn it off.
2. Open the top-load filter compartment.
3. Remove the filter canister.
4. Simply shake and spray the canister with a garden hose to remove collected debris.

5. Ensure the filter is clean before reinserting it into the unit.
6. Close the filter compartment securely.

6.2 Charging the Battery

Recharge the cleaner after each cleaning cycle or when the battery is low.

1. Ensure the cleaner is turned off and removed from the pool.
2. Wipe the charging port dry.
3. Connect the charger and plug it into a power outlet.
4. A full charge takes approximately 4 to 5 hours.

6.3 Storage

When not in use for extended periods, store the cleaner in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is fully charged before storage.

7. Troubleshooting

If you encounter issues with your robotic pool cleaner, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Cleaner does not start	Battery is low or depleted. Unit is not turned on.	Charge the battery fully. Ensure the control knob is set to a cleaning mode.
Poor cleaning performance	Filter canister is full or clogged. Suction doors or brushes are obstructed. Incorrect cleaning mode selected.	Clean the filter canister. Check for and remove any debris obstructing suction doors or brushes. Select the appropriate cleaning mode for your pool shape.
Cleaner stops mid-cycle	Battery is low. Unit encountered an obstruction.	Retrieve and charge the cleaner. Check the pool for large obstructions.
Cleaner does not climb walls	Filter is clogged. Water chemistry is unbalanced (e.g., too much algae).	Clean the filter canister. Ensure pool water chemistry is balanced.
Cleaner is sluggish or slow	Battery is low. Debris caught in wheels or motors.	Charge the battery. Inspect wheels and motors for obstructions and clear them.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Feature	Specification

Feature	Specification
Input Voltage	220V
Frequency	50Hz
Output Voltage	12V
Battery Type	Polymer Lithium Battery
Battery Capacity	5200mAh
Charging Time	4 to 5 hours
Working Time	Up to 120 minutes
Maximum Cleaning Area	100 m²
Filtration Capacity	45 liters per minute
Filtration Density	178 µm
Movement Speed	17 meters per minute
Product Weight	Approximately 8.7 lbs (3.95 kg)
Material	ABS

9. Warranty and Customer Support

For any questions regarding the product, its operation, or if you require technical assistance, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific warranty terms and contact information.
It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

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