

WYBOT WY100

WYBOT Cordless Robotic Pool Cleaner Instruction Manual

Model: WY100

1. PRODUCT OVERVIEW

The WYBOT Cordless Robotic Pool Cleaner is designed for efficient and autonomous cleaning of in-ground swimming pools up to 60 feet. It features ultra-strong suction, intelligent route planning, and wall-climbing capabilities to ensure thorough cleaning of floors, walls, and waterlines.

Key Features:

- **Comprehensive Cleaning:** Effectively cleans pool floors, walls, and waterlines.
- **Powerful Suction:** Equipped with a triple-motor system for strong suction, capable of picking up sand, dirt, leaves, twigs, and dust.
- **Extended Battery Life:** Features an 8800mAh rechargeable battery providing up to 110 minutes of continuous operation.
- **Intelligent Navigation:** Utilizes advanced sensors and gyroscopes for precise mapping and navigation, offering A-star and wall-climbing path planning.



Figure 1.1: WYBOT Cordless Robotic Pool Cleaner (Model WY100)

2. PACKAGE CONTENTS

Upon opening the package, ensure all components are present and in good condition. The standard package includes:

- WYBOT Robotic Pool Cleaner Unit
- Power Supply Unit (Control Box)
- Floating Cable with Connector
- User Manual
- Quick Guide
- Brushes (pre-installed or separate for assembly)
- Flippers (for directional control)

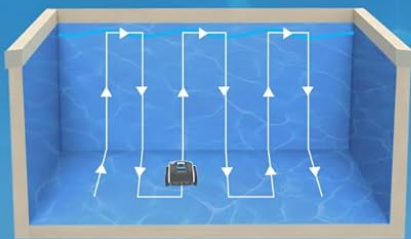
Unprecedented reliability



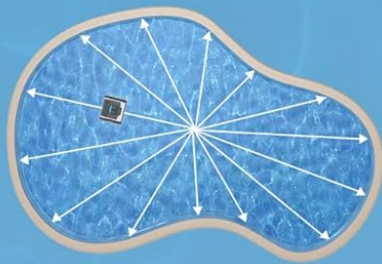
Built-in gyroscope



Triple motors



Wall climbing Path



Star-shaped Path



Figure 2.1: Contents of the WYBOT Pool Cleaner packaging, showing the main unit, blue floating cable, and manuals.

3. SETUP & ASSEMBLY

3.1 Assembling Components

Before first use, ensure all necessary accessories are properly installed. This includes attaching the brushes and flippers to the underside of the cleaner. The flippers are crucial for directional movement and wall climbing.

Strongest Suction Power

 -Captures hidden dust

 -Thoroughly cleans with pvc brushes

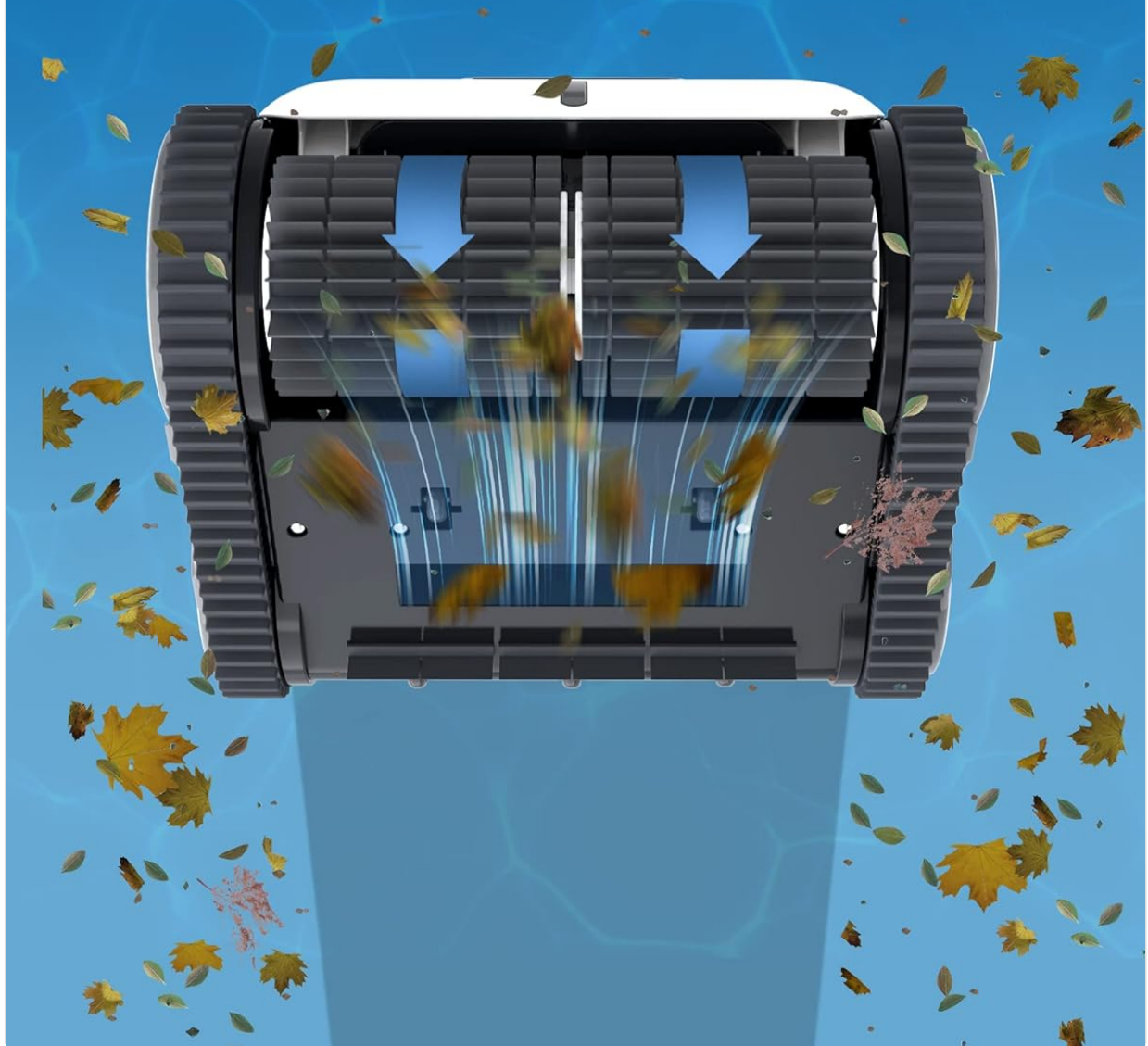


Figure 3.1: Underside of the cleaner showing the specialized scrubbing brushes and suction mouth.

NO DIRTY WATERLINE TROUBLES

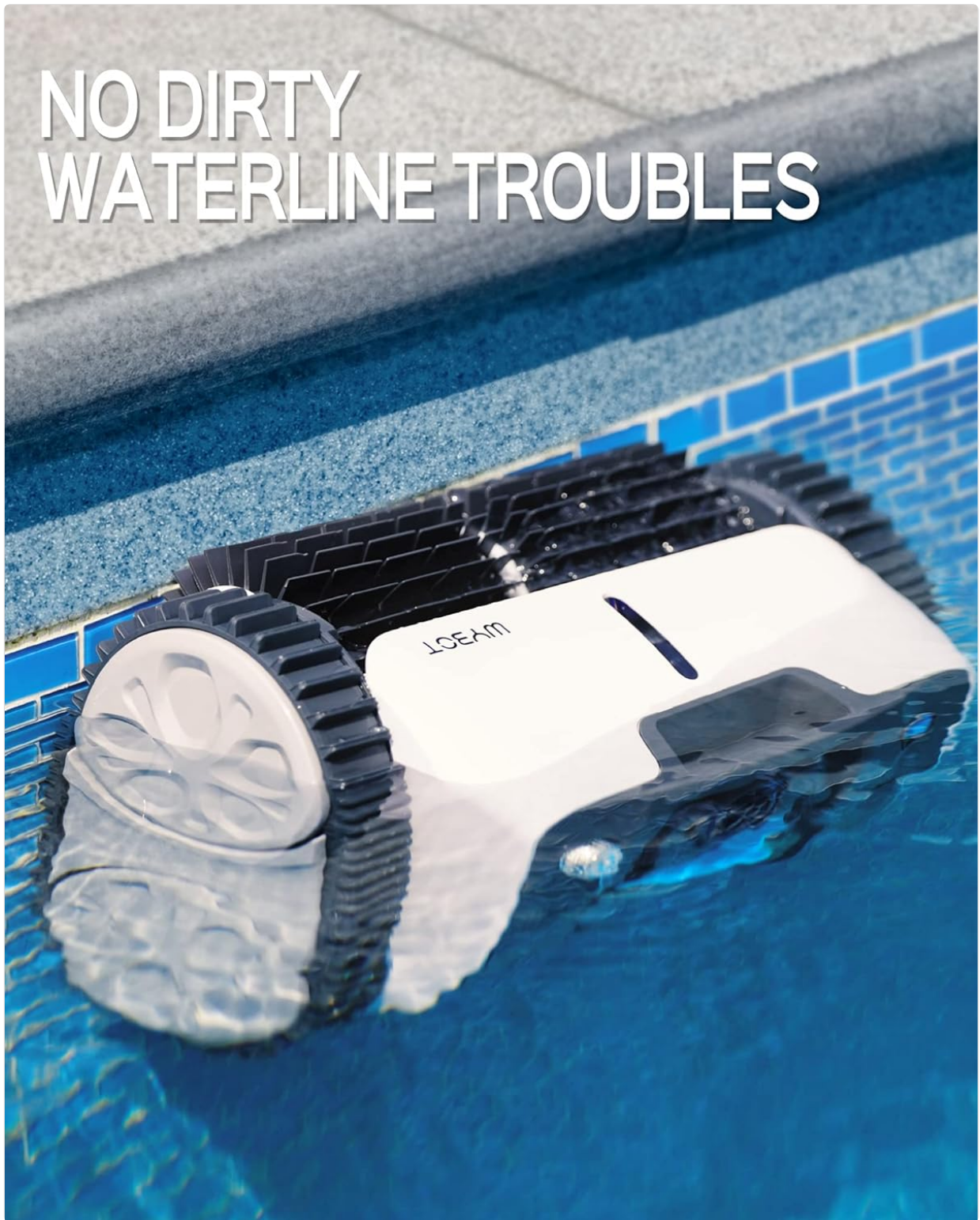


Figure 3.2: Exploded view of the cleaner highlighting the triple-motor system and internal filter basket.

3.2 Connecting the Power Supply Unit

Connect the floating cable from the cleaner to the power supply unit. Ensure a secure connection. The power supply unit features controls for cycle duration (1H, 2H, 3H) and an On/Off switch.

Video 3.1: An unboxing video demonstrating the contents of the package and initial assembly steps for the WYBOT Robotic Pool Cleaner.
(Creator Type: Influencer)

4. OPERATING INSTRUCTIONS

4.1 Charging the Cleaner

Before first use, fully charge the cleaner. A full charge takes approximately 6.5 hours. The powerful 8800mAh battery provides up to 110 minutes of continuous runtime.



Figure 4.1: The robotic cleaner connected to its power adapter for charging, indicating a quick charge time of 3-3.5 hours.

4.2 Placing in the Pool and Operation

Once charged, simply drop the cleaner into the pool and press the On/Off button on the power supply unit. Select your desired cleaning cycle duration (1H, 2H, or 3H). The cleaner will automatically begin its intelligent path planning.

MORE POOL, MORE TIME

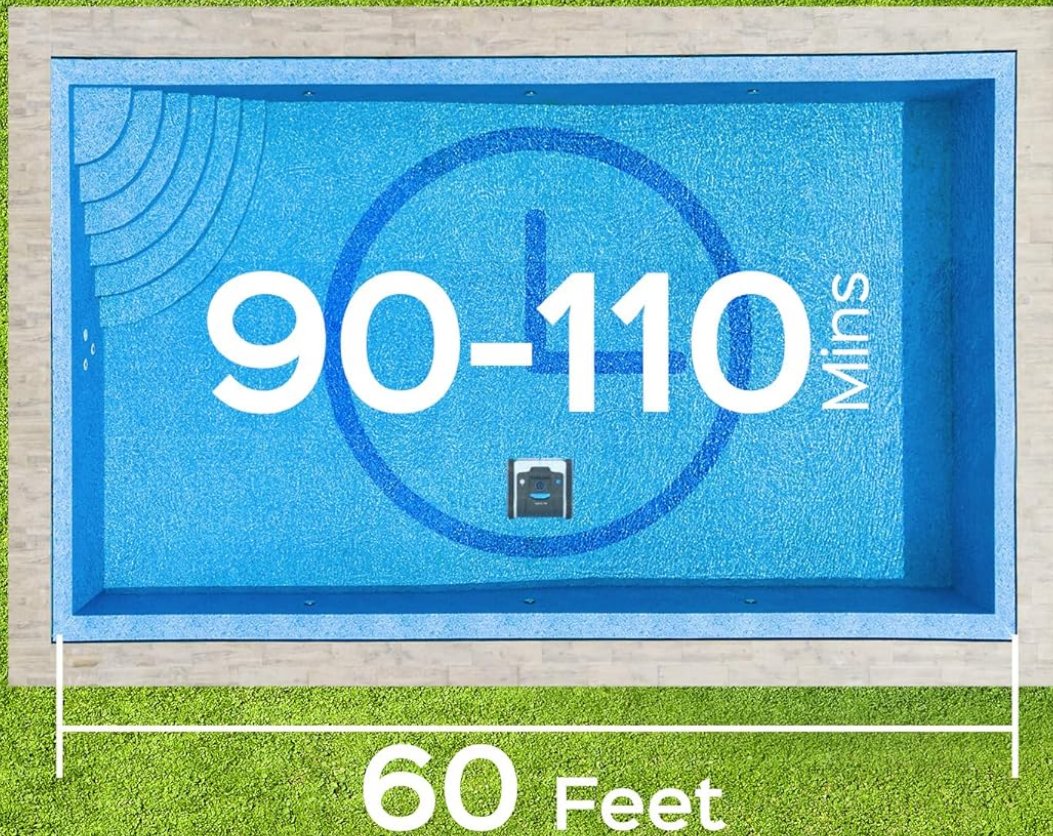


Figure 4.2: Overhead view of a pool with the cleaner operating, illustrating its coverage for pools up to 60 feet and a runtime of 90-110 minutes.

4.3 Intelligent Path Planning

The cleaner offers two types of path planning: an A-star path for optimal coverage and a regular wall-climbing path. Advanced sensors and gyroscopes ensure methodical cleaning with fewer missed spots.



Figure 4.3: Diagrams illustrating the Wall-climbing Path and Star-shaped Path for intelligent pool cleaning.

4.4 Auto-Parking Feature

When the battery is low, the cleaner will automatically return to the side of the pool for easy retrieval.

EASY TO RETRIEVE

Auto return on low battery



Figure 4.4: Visual representation of the cleaner's auto-parking feature, returning to the edge of the pool when its battery is low.

5. MAINTENANCE

5.1 Cleaning the Filter

The cleaner is equipped with a large top-load filter basket. After each cleaning cycle, or as needed, remove the filter basket and rinse it thoroughly with a garden hose to remove collected debris.

LARGER TOP LOAD FILTER



Figure 5.1: A person removing the large top-load filter basket from the cleaner, filled with leaves and debris.



Figure 5.2: Step-by-step guide on how to remove and rinse the filter basket using a garden hose.

5.2 General Care

Regularly inspect the scrubbing brushes and wheels for wear and tear. Keep the charging ports clean and dry. Store the cleaner in a cool, dry place when not in use.

6. TROUBLESHOOTING

If you encounter any issues with your WYBOT Robotic Pool Cleaner, refer to the following common troubleshooting tips:

- **Cleaner not moving or stuck:** Ensure the pool's drain height is not more than 1.4 inches. The smart escape system is designed to quickly resolve stuck situations.
- **Poor cleaning performance:** Check and clean the filter basket. Ensure brushes are not worn out. Verify the cleaner is fully charged.
- **Not climbing walls effectively:** Ensure the pool surface is suitable for wall climbing (e.g., not excessively slippery). Check for sufficient battery charge.



Figure 6.1: The cleaner demonstrating its capabilities for floor cleaning, wall-climbing, and waterline scrubbing, highlighting its smart escape system.

For more detailed troubleshooting or persistent issues, please consult the full user manual or contact WYBOT customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	WY100
Power Source	Battery Powered
Battery Type	Lithium Polymer (8800mAh)
Run Time	Up to 110 minutes
Charging Time	Approx. 6.5 hours
Pool Size (Max)	Up to 60 feet (in-ground pools)
Item Weight	2.2 Pounds
Product Dimensions	22 x 20 x 12 inches
Control Method	Remote (via power supply unit)

8. WARRANTY AND SUPPORT

WYBOT offers a **2-year warranty** for the Cordless Robotic Pool Cleaner. Additionally, a **30-day return period** is provided for your convenience.

For any questions, technical support, or warranty claims, please refer to the contact information provided in your user manual or visit the official WYBOT website.