

Lydsto P1

Lydsto Robotic Pool Cleaner P1 Instruction Manual

Model: P1 | Brand: Lydsto

1. INTRODUCTION

Thank you for choosing the Lydsto Robotic Pool Cleaner P1. This advanced automatic pool vacuum is designed to provide ultimate cleaning performance for in-ground pools up to 60 feet. Featuring wall climbing capabilities, a high-precision IMU sensor, and a triple roller brush system, the P1 ensures thorough cleaning of your pool's floor, walls, and waterline. Please read this manual carefully before operation to ensure proper use, maintenance, and longevity of your device.



The Lydsto Robotic Pool Cleaner P1, shown alongside a smartphone displaying its control application. This image highlights the modern design of the cleaner and its smart control capabilities.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, observe the following safety precautions:

- Always disconnect the power supply from the electrical outlet before performing any service, cleaning, or maintenance on the cleaner.
- Do not operate the cleaner if the power cable is damaged. Contact Lydsto customer support for replacement.
- Ensure the power outlet is protected by a Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD).
- Do not allow children to play with the cleaner. Supervise children when the cleaner is in use.
- The cleaner is designed for pool use only. Do not use it for other purposes.
- Do not operate the cleaner out of water. This can damage the motor seals.
- Only use the original power supply unit provided with the cleaner.
- Keep the power supply unit away from water and direct sunlight.
- Do not attempt to repair the cleaner yourself. Refer all servicing to qualified personnel.
- Ensure the pool water temperature is within the recommended operating range (typically 50°F - 95°F / 10°C - 35°C).

3. PACKAGE CONTENTS

Upon unpacking your Lydsto P1 Robotic Pool Cleaner, please verify that all components are present and in good condition:

- Lydsto P1 Robotic Pool Cleaner Unit
- Power Supply Unit
- Floating Power Cable
- Filter Basket (pre-installed)
- User Manual (this document)

If any items are missing or damaged, please contact Lydsto customer support immediately.

4. SETUP AND INITIAL USE

4.1 Unpacking and Placement

1. Carefully remove the cleaner and all accessories from the packaging.
2. Place the power supply unit at least 12 feet (3.5 meters) from the edge of the pool. Ensure it is in a shaded area and protected from direct sunlight and splashing water.
3. Uncoil the floating power cable completely.

4.2 Connecting the Power Supply

1. Connect the floating power cable to the cleaner unit. Ensure a secure connection.
2. Connect the other end of the floating power cable to the power supply unit.
3. Plug the power supply unit into a grounded electrical outlet (GFCI/RCD protected).

4.3 Placing the Cleaner in the Pool

1. Gently lower the cleaner into the pool. Hold it by the handle and allow it to sink to the bottom.
2. Ensure all trapped air escapes from the cleaner. Gently rock it from side to side if necessary until no more air bubbles are visible.
3. Spread the floating power cable evenly across the pool surface to prevent tangling.

4.4 Initial App Connection (Optional)

The Lydsto P1 can be controlled via a smartphone application.

1. Download the "Lydsto" app from your device's app store (iOS App Store or Google Play Store).
2. Follow the in-app instructions to create an account and pair your Lydsto P1 cleaner. This typically involves scanning a QR code on the cleaner or power supply, or connecting via Bluetooth/Wi-Fi.
3. Once connected, you can monitor cleaning status, select cleaning modes, and schedule cleaning cycles.

Control Your Cleaner Anytime, Anywhere



Consumable Life
Reminder



Water Temp Sensor



Real-Time
Cleaning Status



Real-Time
Remote Control



The Lydsto app provides real-time control and monitoring of your pool cleaner, allowing you to manage cleaning tasks from your smartphone.

5. OPERATING THE CLEANER

5.1 Starting a Cleaning Cycle

Once the cleaner is properly submerged and connected to power, you can start a cleaning cycle:

- Manual Start:** Press the power button on the power supply unit. The cleaner will begin its default cleaning cycle.
- App Control:** Open the Lydsto app on your smartphone. Select the desired cleaning mode (e.g., Floor, Wall, All) and initiate the cleaning cycle.

5.2 Cleaning Modes and Features

The Lydsto P1 offers various cleaning modes and intelligent features for comprehensive pool cleaning:

- Floor Cleaning:** Focuses on cleaning the pool floor, effectively picking up sand, leaves, and debris.

- **Wall Climbing:** The cleaner is capable of climbing pool walls to scrub and clean the vertical surfaces.
- **Waterline Scrubbing:** A dedicated mode to clean the waterline, where dirt and grime often accumulate.
- **Step Climbing:** The P1 can navigate and clean pool steps.
- **P-Smart 2.0 Algorithm:** Utilizes an intelligent navigation system to create an efficient bow-shaped cleaning path, ensuring maximum coverage and avoiding missed spots.
- **Triple Roller Brush System:** Equipped with three powerful roller brushes for superior scrubbing and debris collection.
- **High-Precision IMU Sensor:** Enhances navigation and mapping for optimal cleaning efficiency.



The Lydsto P1's versatile cleaning capabilities, including wall climbing, waterline scrubbing, and step climbing, ensure a comprehensive clean.

P-Smart 2.0 Algorithm

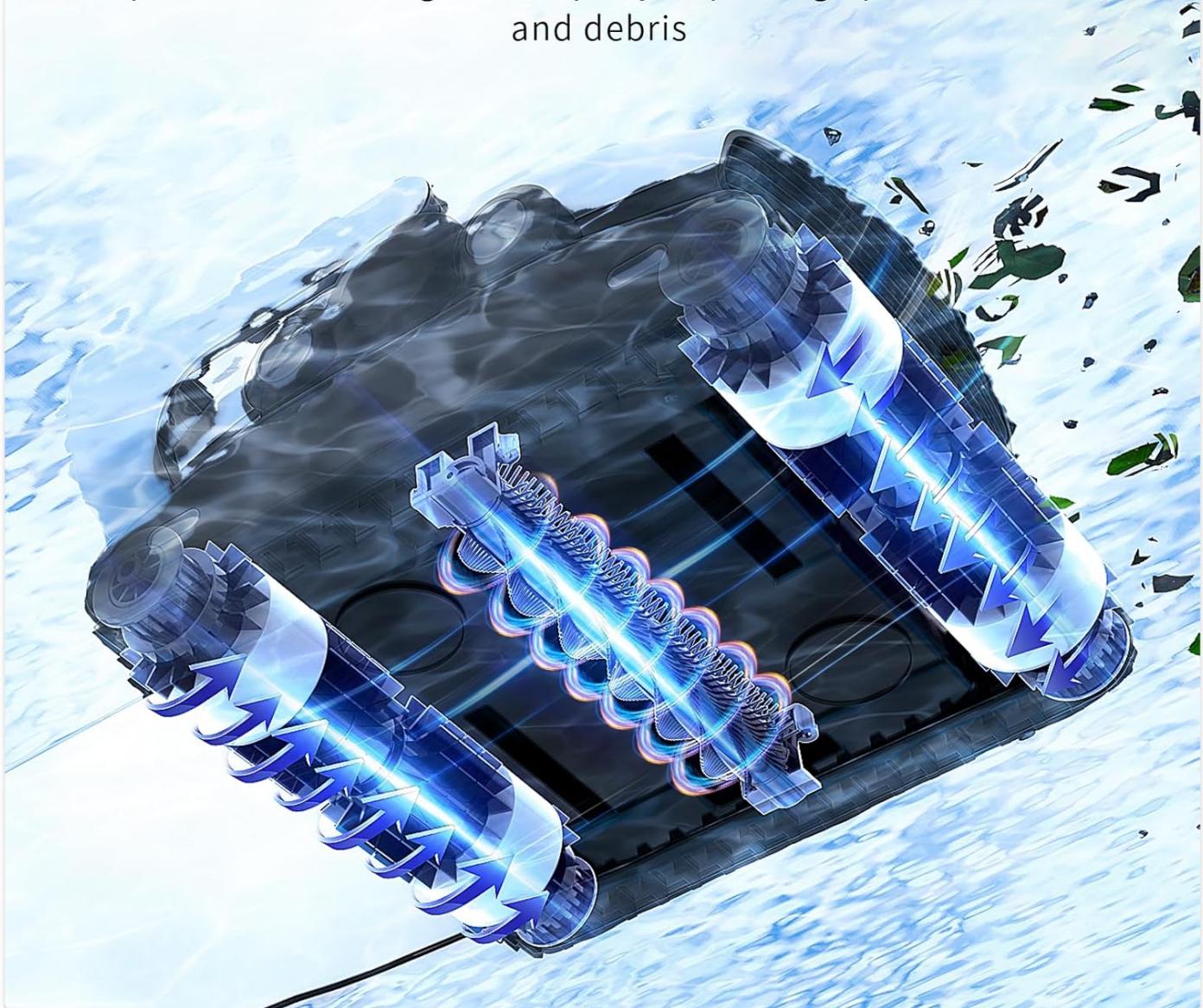
Bow-shaped cleaning path at the bottom of the pool.

1.2M

The P-Smart 2.0 Algorithm optimizes the cleaning path for efficient and thorough coverage of the pool floor.

Strength Scrubbing Capability

Triple brush cleaning is exemplary at picking up sand, leaves, and debris



The triple brush system provides strong scrubbing capability, effectively picking up sand, leaves, and other debris.

Unparalleled Cleaning Performance

Powerful suction and superior Mobility



Sand Twigs



Leaves



Pet hair



The Lydsto P1 delivers unparalleled cleaning performance with powerful suction, capable of handling various types of pool debris.

5.3 Ending a Cleaning Cycle

The cleaner will automatically stop after completing its cycle. To manually stop the cleaner:

- Press the power button on the power supply unit.
- Use the "Stop" function within the Lydsto app.

Once stopped, gently pull the cleaner out of the pool using the floating cable or handle. Do not pull it out by the power cord.

6. MAINTENANCE AND CARE

Regular maintenance ensures optimal performance and extends the lifespan of your Lydsto P1 cleaner.

6.1 Cleaning the Filter Basket

The filter basket should be cleaned after each cleaning cycle or when visibly full.

1. Disconnect the power supply from the electrical outlet.
2. Remove the cleaner from the pool.
3. Locate the filter basket access points (usually on the top or side of the cleaner).
4. Open the latches or covers and remove the filter basket. The Lydsto P1 features a 2x3L large filter basket for easy access.
5. Empty the debris from the basket.
6. Rinse the filter basket thoroughly with a garden hose until all debris and fine particles are removed.
7. Reinsert the clean filter basket into the cleaner and secure the latches/covers.



The Lydsto P1 features an easy-access, large-capacity debris filter basket for convenient cleaning.

6.2 Cleaning the Brushes and Tracks

Periodically inspect the roller brushes and tracks for any tangled hair, string, or large debris. Remove any obstructions to ensure smooth operation.

6.3 Proper Storage

When not in use for extended periods, or during off-season:

- Clean the cleaner thoroughly, including the filter basket.
- Drain all water from the cleaner.
- Coil the floating power cable neatly.
- Store the cleaner and power supply unit in a cool, dry, and shaded area, away from direct sunlight and freezing temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Lydsto P1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cleaner does not start or move.	<ul style="list-style-type: none">• Power supply not connected or not receiving power.• Power cable damaged.• Cleaner is out of water.	<ul style="list-style-type: none">• Ensure power supply is securely plugged into a GFCI/RCD outlet and the cleaner cable is connected.• Inspect cable for damage. If damaged, contact support.• Ensure cleaner is fully submerged and air has escaped.
Poor cleaning performance.	<ul style="list-style-type: none">• Filter basket is full or clogged.• Brushes or tracks are obstructed.• Incorrect cleaning mode selected.	<ul style="list-style-type: none">• Clean the filter basket thoroughly.• Remove any debris from brushes and tracks.• Select the appropriate cleaning mode via the app or power supply.
Cleaner gets stuck or has difficulty climbing walls.	<ul style="list-style-type: none">• Air trapped inside the cleaner.• Excessive algae or slippery surfaces in the pool.• Water chemistry imbalance.	<ul style="list-style-type: none">• Gently rock the cleaner to release trapped air.• Brush pool walls manually before cleaning.• Check and balance pool water chemistry.
App connection issues.	<ul style="list-style-type: none">• Bluetooth/Wi-Fi interference.• App needs update.• Cleaner not in pairing mode.	<ul style="list-style-type: none">• Ensure cleaner is powered on and close to your device.• Update the Lydsto app to the latest version.• Refer to app instructions for pairing mode.

For issues not listed above, or if solutions do not resolve the problem, please contact Lydsto customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	P1

Feature	Detail
Brand	Lydsto
Product Dimensions	19.4 x 15.5 x 11.2 inches (49.3 x 39.4 x 28.4 cm)
Item Weight	51.9 pounds (23.5 kg)
Material	Plastic
Color	White
Control Method	Remote (via App)
Special Feature	Self Propelled, Wall Climbing, Triple Roller Brush, IMU Sensor
Assembly Required	No
Installation Type	Plug and Play
Efficiency	High
Motor Power	200W (from image)
Filtration Rate	280LPM (from image)
Filter Basket Capacity	2 x 3L (from image)

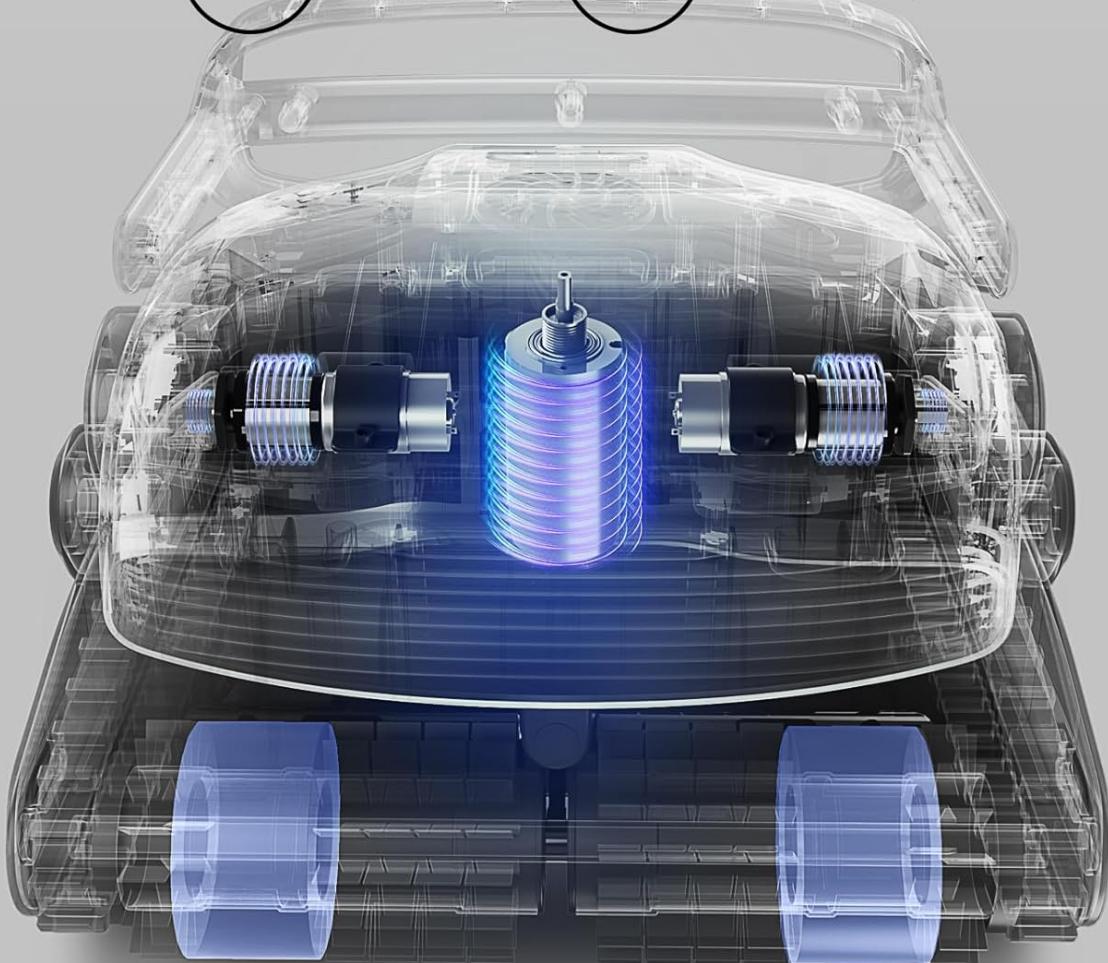
High-Performance Motor



Motor Power:
200W



Filtration rate:
280LPM



The Lydsto P1 is equipped with a high-performance motor, contributing to its powerful suction and efficient filtration.

9. WARRANTY AND CUSTOMER SUPPORT

9.1 Warranty Information

The Lydsto Robotic Pool Cleaner P1 comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, warranty claims, or to purchase replacement parts, please contact Lydsto customer support.

- Online Support:** Visit the official Lydsto website or their Amazon Brand Store for FAQs and contact information.
[Lydsto Amazon Store](#)

- **Email Support:** Refer to your product packaging or the Lydsto website for the most current email address.

Please have your model number (P1) and purchase date ready when contacting support.

Machine OTA upgrade

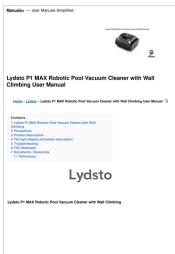
Support remote upgrade, continuous optimization



The Lydsto P1 supports Over-The-Air (OTA) firmware upgrades, allowing for continuous optimization and improved performance.

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Related Documents

 Lydsto	<p><u>Lydsto Robotic Pool Cleaner P1: User Manual and Instructions</u></p> <p>Comprehensive guide for the Lydsto Robotic Pool Cleaner P1, covering safety precautions, product description, installation, operation, daily maintenance, troubleshooting, and app control.</p>
 Lydsto	<p><u>Lydsto P1 MAX Robotic Pool Vacuum Cleaner User Manual</u></p> <p>Comprehensive user manual for the Lydsto P1 MAX Robotic Pool Vacuum Cleaner with Wall Climbing, covering features, operation, installation, maintenance, and troubleshooting.</p>
 Lydsto	<p><u>Lydsto Robotic Pool Cleaner S2 User Manual</u></p> <p>Comprehensive user manual for the Lydsto Robotic Pool Cleaner S2, covering setup, operation, maintenance, and troubleshooting for efficient pool cleaning.</p>
 Lydsto	<p><u>Lydsto Handheld Pool Vacuum Cleaner S1 User Manual</u></p> <p>User manual for the Lydsto Handheld Pool Vacuum Cleaner S1, detailing instructions for use, parts list, charging, assembly, cleaning, maintenance, and troubleshooting.</p>