

HISION SAT30

HISION SAT30 Cordless Robotic Pool Vacuum Cleaner User Manual

Model: SAT30 | Brand: HISION

1. INTRODUCTION

Thank you for choosing the HISION SAT30 Cordless Robotic Pool Vacuum Cleaner. This advanced device is engineered to provide a hassle-free and efficient solution for maintaining a sparkling clean pool. With its powerful suction, smart navigation, and wall-climbing capabilities, the SAT30 ensures comprehensive cleaning of your pool's floor, walls, and waterline. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new robotic pool cleaner.

2. IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before operating the appliance. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always ensure the power adapter is disconnected from the power outlet before performing any maintenance or cleaning on the robot.
- Do not operate the cleaner if the power cable or plug is damaged.
- Keep children and pets away from the pool area when the cleaner is in operation.
- Only use the original power adapter supplied with the cleaner.
- Do not use the cleaner to clean anything other than pool water.
- Ensure the cleaner is fully submerged before starting operation.
- Store the cleaner in a cool, dry place away from direct sunlight when not in use.

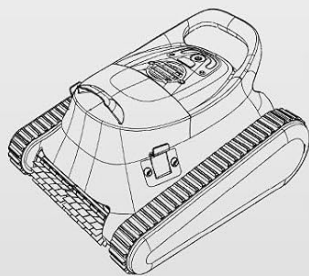
3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- HISION SAT30 Robotic Pool Cleaner
- Power Adapter
- Retrieval Hook
- User Manual

Why Choose HISION

A6 2023



- ✗ 150W Suction power
- ✗ 1.5H Runtime
- ✗ 2.5H Fast charging
- ✗ Clean Floor Wall, Waterline
- ✗ Up to 1,614 sq.ft.
- ✗ 3.5L Large Filter Basket

HISION 2025 Upgraded



- ✓ 180W Suction power
- ✓ 2.5H Runtime
- ✓ 2.5H Fast Charging
- ✓ Clean Floor, Wall, Waterline
- ✓ Up to 2,000 sq. ft.
- ✓ 3.5L Large Filter Basket

Others



- ✗ 150W Suction power
- ✗ 1.5H Runtime
- ✗ 3-4H Charging
- ✗ Clean Floor
- ✗ Up to 1,000 sq. ft.
- ✗ 1.5-2L Filter Basket

Image: All components included with the HISION SAT30 Robotic Pool Cleaner.



Image: The HISION SAT30 cleaner, showing its compact design and the associated mobile app interface.

4. SETUP GUIDE

4.1 Charging the Cleaner

Before first use, fully charge the robotic pool cleaner. The charging time is approximately 2.5 hours.

1. Connect the power adapter to the charging port on the cleaner.
2. Plug the power adapter into a standard electrical outlet.
3. The indicator light on the cleaner will show charging status (refer to LED indicator section in manual for details).
4. Once fully charged, disconnect the power adapter.

Cordless & Easy to Use

No Setup Required



Image: The HISION SAT30 cleaner undergoing rapid charging, ready for use.

4.2 Placing the Cleaner in the Pool

Carefully place the cleaner into the pool. Ensure it sinks to the bottom before activating.

1. Hold the cleaner by its handle and gently lower it into the pool.
2. Allow the cleaner to fill with water and sink to the pool floor. This may take a few seconds as air escapes.

5. OPERATING INSTRUCTIONS

5.1 One-Press Start

The HISION SAT30 is designed for simple, one-touch operation.

1. Once the cleaner is fully submerged on the pool floor, press the power button located on the top of the unit.
2. The cleaner will begin its cleaning cycle automatically.

Your browser does not support the video tag.

Video: Demonstrates the simple one-press start feature, powerful suction, wall cleaning, rapid charging, smart navigation, and self-parking capabilities of the HISION SAT30 Robotic Pool Cleaner.

5.2 App Control and Smart Navigation

For enhanced control and customization, download the HISION app. The cleaner features upgraded 2025 SonarNav Pro technology for intelligent mapping and comprehensive coverage.

- **Cleaning Modes:** Select from Floor-Only, Wall-Only, or All-Coverage cleaning modes via the app.
- **Motor Speed:** Adjust the motor speed for different cleaning needs.
- **Session Times:** Set specific cleaning durations.
- **Battery Monitoring:** Track the cleaner's battery life in real-time.
- **OTA Updates:** Receive over-the-air updates for continuous improvements and new features.

Waterline Scrubbing and Wall Cleaning



Order before

Dec 31st

to get

an extra one-year

Coverage



Image: Full cleaning coverage capabilities, including floor, wall, and combined cleaning modes.

Smart Navigation

Intelligent Mapping



Smart Self-Parking



Image: Smart navigation features, including intelligent mapping for optimal cleaning paths and smart self-parking.

5.3 Powerful Cleaning Performance

The SAT30 features triple brushless motors and four active brushes, delivering 180W of powerful suction to handle various debris from palm fronds to fine sand.

High-Powered 180W Suction

Powerful Performance and Dual
Brush Scrubbing



Leaves



Twigs



Hairs



Sand

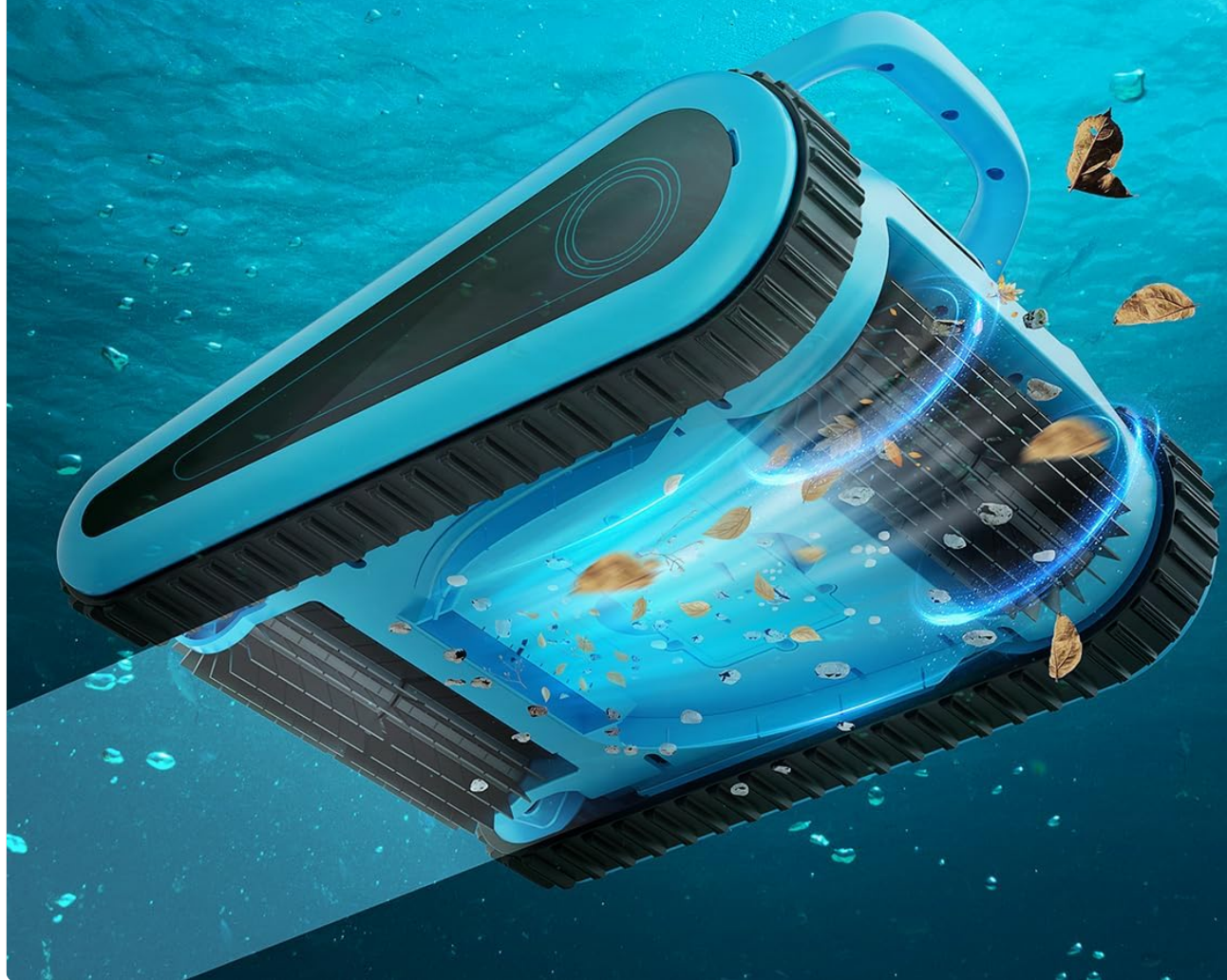


Image: High-powered 180W suction, illustrating the cleaner's ability to remove various types of debris.

6. MAINTENANCE

6.1 Cleaning the Filter Basket

Regular cleaning of the 3.5L top-load filter basket is crucial for optimal performance.

1. Retrieve the cleaner from the pool using the provided retrieval hook or by hand when it self-parks at the edge.
2. Open the top cover of the cleaner.
3. Remove the filter basket.
4. Empty debris from the basket and rinse it thoroughly with a hose.
5. Reinsert the clean filter basket and close the top cover securely.

Full Cleaning Coverage

SonarNav Pro™ Navigation Technology



Floor
Cleaning



Wall
Cleaning



All-Coverage
Cleaning



“Cross” Path Cleaning



“U” Path Cleaning

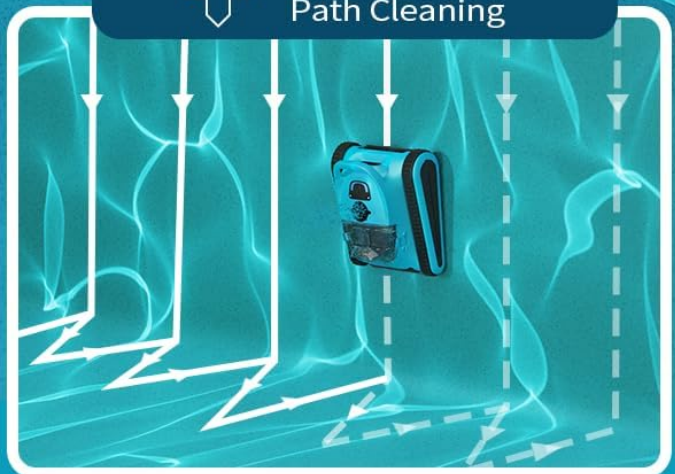


Image: The cleaner with its 3.5L top-load filter basket removed, demonstrating ease of cleaning.

6.2 Storage

When not in use for extended periods, store the cleaner properly.

- Ensure the cleaner is clean and dry.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your HISION SAT30, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Cleaner does not start.	Low battery; Power button not pressed correctly.	Charge the cleaner fully; Ensure a firm press on the power button.
Cleaner not cleaning effectively.	Filter basket is full; Brushes are worn; Obstruction in suction port.	Clean the filter basket; Inspect and clean brushes; Remove any obstructions.
Cleaner gets stuck.	Obstacle in pool; Pool shape complexity.	Remove large debris; Manually reposition the cleaner.
Cleaner does not climb walls.	Low battery; Waterline is too low; Excessive algae on walls.	Charge the cleaner; Ensure proper water level; Brush walls manually before cleaning.
Cleaner self-parks too early.	Low battery.	This is a normal function indicating low battery (at 15%). Retrieve and charge.

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

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	SAT30 Pool Vacuum
Brand	HISION
Product Dimensions	15.1"L x 9.8"W x 16.8"H
Item Weight	19.8 pounds
Power Source	Battery Powered

Feature	Specification
Battery Type	Lithium-Ion
Lithium Battery Voltage	21.6 Volts
Lithium Battery Energy Content	170.82 Watt Hours
Battery Weight	1150 Grams
Charging Time	2.5 Hours
Runtime	Up to 150 minutes
Cleaning Area	Up to 2,000 sq. ft.
Control Method	App
Special Features	Lightweight, 180W Powerful Suction, Smart Navigation/App Support, Cordless, Self-Parking
Assembly Required	No
Year	2025 (Upgraded)

9. WARRANTY INFORMATION

The HISION SAT30 Robotic Pool Cleaner comes with a comprehensive**3-Year Full Replacement Coverage**. This premium coverage plan ensures reliable pool care with zero downtime and no added hassle, providing a full unit replacement if needed within the warranty period.

For detailed terms and conditions of the warranty, please refer to the warranty card included in your package or contact HISION customer support.

10. CUSTOMER SUPPORT

HISION is committed to providing exceptional service and support for your robotic pool cleaner. If you have any questions, require assistance, or need to claim warranty service, please reach out to HISION Care.

- **Online Support:** Visit the official HISION website for FAQs, troubleshooting guides, and product registration.
- **Email Support:** Contact our support team via email for non-urgent inquiries.
- **Phone Support:** For immediate assistance, please refer to the contact number provided on your warranty card or the HISION website.

Our team is dedicated to ensuring your satisfaction and providing prompt, reliable assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question