

HISION SAT35

HISION SAT35 Cordless Pool Vacuum Robot Instruction Manual

Model: SAT35

1. INTRODUCTION

Thank you for choosing the HISION SAT35 Cordless Pool Vacuum Robot. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new robotic pool cleaner. Please read this manual thoroughly before first use and retain it for future reference.

The HISION SAT35 is designed to clean inground and above-ground pools up to 2000 sq. ft., offering advanced features such as app control, wall and waterline cleaning, and smart navigation.

2. IMPORTANT SAFETY INSTRUCTIONS

When using electrical equipment, basic safety precautions should always be followed, including the following:

- Read all instructions before using this product.
- Do not operate the cleaner when people or animals are in the pool.
- Ensure the charging port is dry before connecting the charger.
- Use only the charger supplied by the manufacturer.
- Keep the cleaner out of reach of children.
- Do not use the cleaner if the power cord or plug is damaged.
- Always turn off and unplug the cleaner before performing any maintenance or cleaning.
- Store the cleaner in a cool, dry place when not in use.

3. PRODUCT OVERVIEW AND COMPONENTS

The HISION SAT35 Cordless Pool Vacuum Robot is designed for comprehensive pool cleaning. Key components include:

- **Main Unit:** The robotic cleaner body with integrated motors and navigation system.
- **Filter Basket:** Removable basket for collecting debris.
- **Charging Adapter:** For recharging the internal lithium battery.
- **Active Brushes:** Four brushes for scrubbing surfaces.
- **App Control Module:** Enables smart control via a mobile application.

Perfect for All Types of Pools



Figure 3.1: Packing List. Includes the device, user manual, hook, charger, and filters.



Figure 3.2: Internal components showing triple brushless motors, four active brushes, and suction mechanism.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the HISION SAT35. The waterproof lithium battery recharges in approximately 2.5 hours. Connect the charging adapter to the cleaner's charging port and then to a power outlet. The indicator light will show charging status.

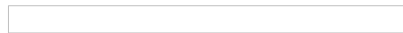


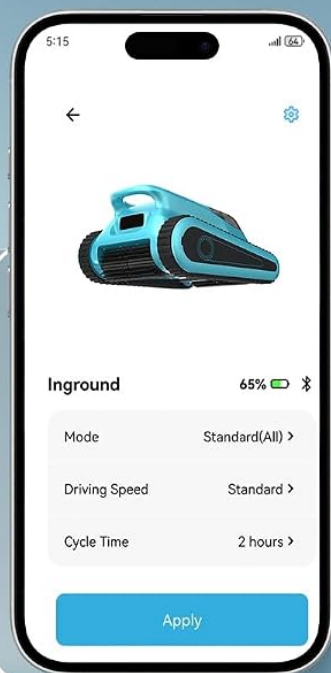
Figure 4.1: The pool cleaner connected to its charger for recharging.

4.2 App Installation (Optional)

For enhanced control and features, download the official HISION app from your device's app store. Follow the in-app instructions to pair your HISION SAT35 with your smartphone. The app allows you to customize cleaning modes, adjust motor speed, monitor battery life, and receive OTA updates.

Smart App Control

Ultimate Convenience at Fingertips



-  Mode Control
-  OTA Upgrade
-  Cleaning Speed Setting
-  Cycle Time Selection



Figure 4.2: The HISION SAT35 can be controlled via a smartphone app, offering various settings and monitoring options.

5. OPERATING INSTRUCTIONS

5.1 Placing the Cleaner in the Pool

Once fully charged, press the power button on the cleaner or use the app to activate it. Gently submerge the cleaner into the pool. It will begin its cleaning cycle automatically or according to your selected settings.

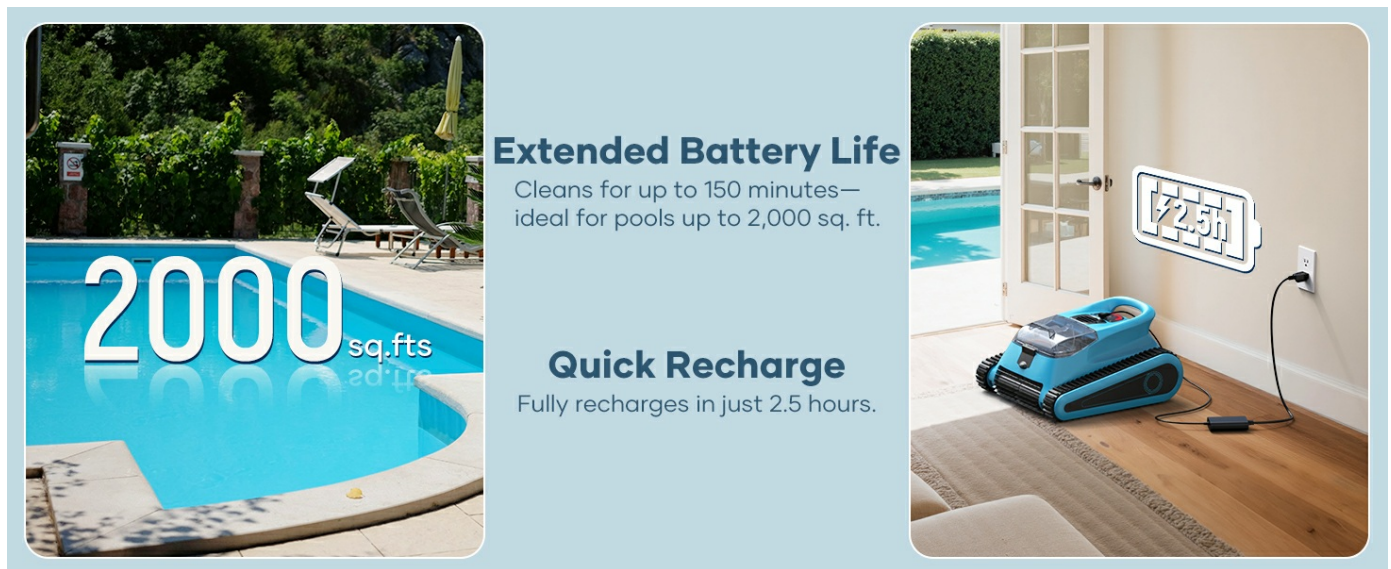


Figure 5.1: One-click activation and easy retrieval using the included hook.

5.2 Cleaning Modes

The HISION SAT35 offers multiple cleaning modes to suit your pool's needs:

- **Floor Cleaning:** Focuses on the pool floor, utilizing an 'S' pattern for thorough coverage.
- **Wall Cleaning:** Climbs walls and cleans the waterline, using an 'N' pattern.
- **Floor & Wall Cleaning:** Combines both modes for comprehensive cleaning of the entire pool surface.

Select your desired mode via the app or the cleaner's control panel.

| Auto Floor & Wall Cleaning



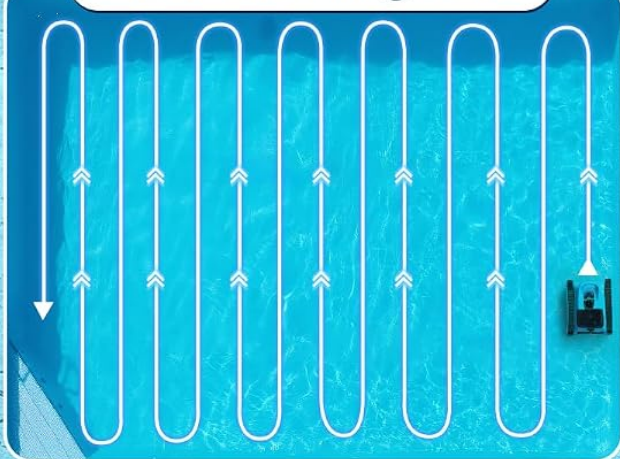
Figure 5.2: The HISION SAT35 performing both floor and wall cleaning operations.

2025 Upgraded SonarNav Pro™ Navigation Technology

99% Pool Cleaning Coverage



Floor Cleaning Path



Wall Cleaning Path



Figure 5.3: Visual representation of the 'S' pattern for floor cleaning and 'N' pattern for wall cleaning, ensuring 99% pool coverage.



Figure 5.4: The cleaner effectively scrubs away waterline stains and removes various debris with its powerful 4068 GPH suction.

5.3 Auto-Dock Feature

When the battery level reaches approximately 15%, the HISION SAT35 will automatically navigate to the nearest pool wall for easy retrieval. This prevents the cleaner from stopping in the middle of the pool due to low battery.



Figure 5.5: The cleaner automatically parks near the wall when battery is low for convenient retrieval.

6. MAINTENANCE

6.1 Cleaning the Filter Basket

Regularly clean the filter basket to maintain optimal suction performance. After each cleaning cycle, remove the cleaner from the pool, open the filter compartment, and remove the filter basket. Dispose of collected debris and rinse the filter thoroughly with a garden hose. Ensure the filter is completely dry before reinserting it.

Easy-to-Clean Filter

One-Touch Removal & Fully Washable

3-Year

Full
Replacement
Protection



Figure 6.1: Easy one-touch removal and washing of the filter basket.



Figure 6.2: The ultra-fine filter effectively traps leaves, debris, branches, grass, dust, and gravel.

6.2 General Care and Storage

Wipe down the exterior of the cleaner with a soft cloth after use. Store the cleaner in a shaded, dry area away from direct sunlight and extreme temperatures. Ensure the battery is charged periodically during long storage periods to maintain battery health.

7. TROUBLESHOOTING

If you encounter issues with your HISION SAT35, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery; Power button not pressed correctly.	Charge the cleaner fully; Ensure the power button is pressed firmly.
Poor cleaning performance.	Clogged filter basket; Low battery; Obstruction in suction inlet.	Clean the filter basket; Charge the cleaner; Check and clear any obstructions.
Cleaner gets stuck.	Large debris; Uneven pool surface; Low battery.	Remove large debris manually; Ensure pool surface is suitable; Charge the cleaner.
App connection issues.	Bluetooth/Wi-Fi interference; Outdated app version.	Ensure cleaner is within range; Restart app/device; Update app to latest version.

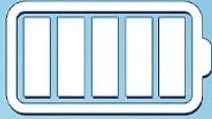
8. SPECIFICATIONS

Feature	Detail
Model Name	SAT35
Brand	HISION
Product Dimensions	42.42 x 38.35 x 24.89 cm
Item Weight	12.61 kg
Power Source	Battery Powered (Cordless)
Battery Type	1 Lithium Ion (included)
Battery Energy Content	170.82 Watt Hours
Charging Time	2.5 Hours
Runtime	Up to 150 minutes

Feature	Detail
Max Pool Size	Up to 2000 sq. ft.
Suction Performance	4068 GPH
Control Method	App, Push Button
Material	Plastic, Nylon, Metal
Assembly Required	No
Waterproof Rating	IP68

Longer Battery Life

150 Mins Run Time, Large Cleaning Area
up to 2000 sq.ft



2000 sq.fts

150 Mins
(Floor Mode ONLY)



Figure 8.1: The HISION SAT35 offers up to 150 minutes of runtime, covering pools up to 2000 sq. ft.



Figure 8.2: The 360° Gel-Sealed Battery ensures superior safety with IP68 waterproof rating, low short circuit probability, and high heat dissipation efficiency.



Figure 8.3: The HISION SAT35 is suitable for various pool shapes including rectangle, round, irregular, and kidney-shaped pools.

360° Gel-Sealed Battery: Safer, Leak-Free, Explosion-Proof

HISION		Others	
Waterproof rating	IP68	 IP67	
Short circuit probability	0.01%	 0.5%	
Heat dissipation efficiency	140%	 100%	
High Temperature Resistance	130°C	 150°C	

Figure 8.4: The cleaner is compatible with various pool materials such as ceramic tiles, vinyl, fiberglass, and concrete.

9. WARRANTY AND SUPPORT

The HISION SAT35 Cordless Pool Vacuum Robot comes with a **3-Year Manufacturer Warranty**. This warranty provides full replacement support, ensuring reliable performance season after season. For any warranty claims or technical assistance, please contact HISION customer support.



Figure 9.1: The HISION SAT35 includes 3-Year Premium Coverage with Full Replacement.

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