

AIPER Scuba S1 Pro

AIPER Scuba S1 Pro Cordless Robotic Pool Cleaner User Manual

Model: Scuba S1 Pro

1. INTRODUCTION

Thank you for choosing the AIPER Scuba S1 Pro Cordless Robotic Pool Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before first use and retain it for future reference.

2. SAFETY INFORMATION

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

- Read all instructions carefully before operating the cleaner.
- Do not operate the cleaner when people or animals are in the pool.
- Ensure the cleaner is fully submerged before starting operation.
- Only use the original power adapter and charging cable provided by AIPER.
- Keep the charging port dry and clean before charging.
- Do not attempt to repair the cleaner yourself. Contact authorized service personnel for repairs.
- Store the cleaner in a cool, dry place away from direct sunlight when not in use.

3. PRODUCT OVERVIEW

The AIPER Scuba S1 Pro is a cordless robotic pool cleaner designed for efficient cleaning of various pool types and surfaces. It features advanced navigation and filtration systems.

Key Features:

- **Superior Cleaning & Performance:** Dual active PVC rollers and a quad-brushless motor system provide enhanced scrubbing and suction. Adaptable caterpillar tracks navigate uneven pool floors and scale walls up to $90^{\circ} \pm 15^{\circ}$.

- **Top-Tier Waterline Cleaning:** WaveLine Technology ensures effective cleaning along the pool's waterline.
- **WavePath Navigation Technology 2.0:** Expands cleaning coverage by 99% with advanced sensors for thorough cleaning of the floor, walls, and waterline.
- **Advanced Particle Filtration:** Equipped with a spacious 5L, 180-micron primary filter and a 3-micron secondary filter to capture fine particles.
- **Versatile Cleaning Modes:** Offers 5 modes: Auto, Eco, Waterline, Floor-only, and Wall-only. Eco Mode runs for 45 minutes every 48 hours for maintenance.
- **User-Friendly Design:** Suitable for both above-ground and in-ground pools up to 2,150 sq. ft., providing up to 180 minutes of cleaning on a full charge. Accommodates various pool shapes and materials.

4. SETUP

The AIPER Scuba S1 Pro requires no assembly and is ready for use after charging.

4.1 Initial Charging

1. Ensure the cleaner is dry before charging.
2. Locate the charging port on the cleaner.
3. Connect the charging cable to the cleaner and then to the power adapter.
4. Plug the power adapter into a suitable electrical outlet.
5. The charging indicator light will illuminate. A full charge takes approximately 3 hours.
6. Once fully charged, disconnect the cleaner from the power adapter and securely close the charging port cover to prevent water ingress.

5. OPERATING INSTRUCTIONS

5.1 Placing the Cleaner in the Pool

1. Gently lower the cleaner into the pool until it is fully submerged. Ensure no air bubbles are trapped inside the unit.
2. The cleaner will sink to the bottom of the pool.

5.2 Selecting Cleaning Modes

The Scuba S1 Pro offers multiple cleaning modes. Four modes can be selected directly on the unit, while the 'Wall-only' mode is accessible via the Aiper App.

- **Auto Mode:** Cleans both the pool floor and walls.
- **Eco Mode:** Runs for 45 minutes every 48 hours for continuous maintenance.
- **Waterline Mode:** Focuses on cleaning the pool's waterline using WaveLine Technology.
- **Floor-only Mode:** Cleans only the pool floor.
- **Wall-only Mode:** Cleans only the pool walls (accessible via Aiper App).

Perfect for All Shapes of Pools

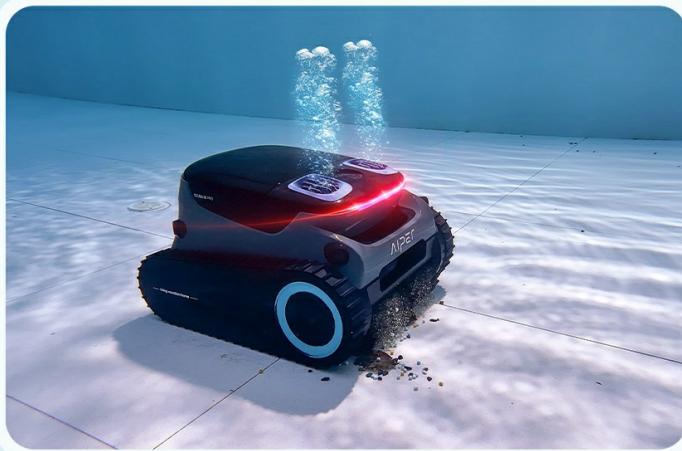


Image: The AIPER Scuba S1 Pro showcasing its five cleaning modes: Waterline, Auto, Eco, Floor Only, and Wall Only. The Wall Only mode is noted as app-exclusive.

5.3 Using the Aiper App

The Aiper App provides smart control over your Scuba S1 Pro, including access to all cleaning modes and cleaning logs.

1. Download the Aiper App from your device's app store.
2. Connect the cleaner to your home's 2.4GHz Wi-Fi network via the app.
3. Select your desired cleaning mode. Note: App control is only available when the pool cleaner is out of the water. After selecting a cleaning mode, immediately submerge the device to prevent shutdown.



Longer Service Life

-  Rigorous factory testing
-  Replaceable accessories
-  Durable brushless motors

Image: A user interacting with the Aiper App on a smartphone, displaying cleaning modes and a cleaning log for the Scuba S1 Pro.

5.4 Retrieving the Cleaner

When the cleaning cycle is complete or the battery is low, the cleaner will typically park itself near a pool wall. Use the provided hook to retrieve it.

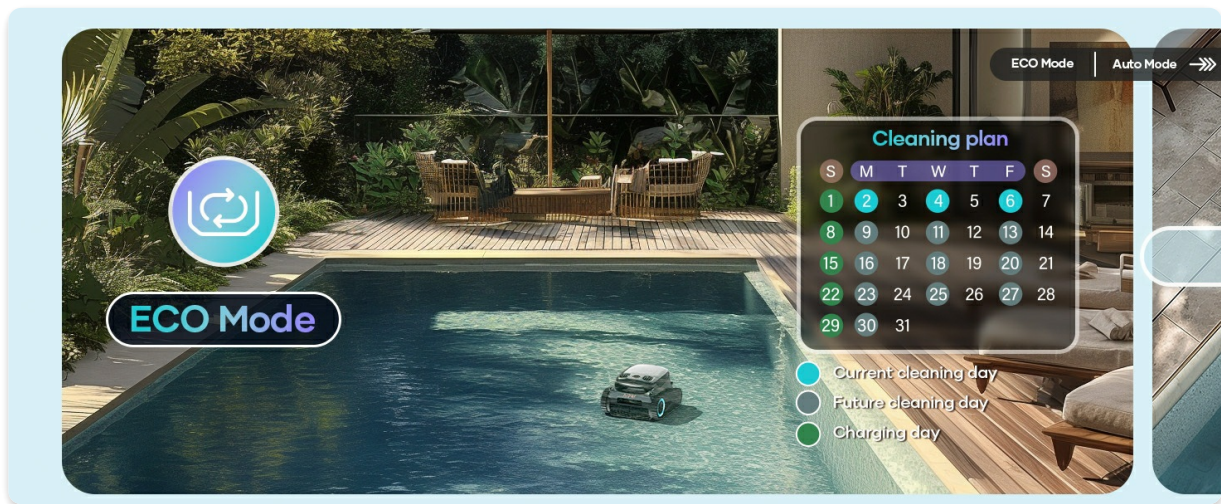


Image: A person lifting the AIPER Scuba S1 Pro out of the pool, demonstrating its quick water release feature.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your AIPER Scuba S1 Pro.

6.1 Filter Cleaning

1. After each cleaning cycle, lift the lid of the cleaner.
2. Remove the primary 180-micron filter basket and the 3-micron secondary filter.
3. Rinse both filters thoroughly with a hose to remove debris.
4. Ensure filters are completely dry before reinserting them into the cleaner.



Image: A person cleaning the filter basket of the AIPER Scuba S1 Pro with a hose, illustrating the ease of maintenance.

6.2 General Care and Storage

- Periodically inspect the PVC rollers and caterpillar tracks for wear or damage.
- Clean the exterior of the cleaner with a soft cloth and mild detergent.
- Store the cleaner in a shaded area, away from direct sunlight and extreme temperatures.
- Ensure the cleaner is fully charged before long-term storage to maintain battery health.

7. TROUBLESHOOTING

If you encounter issues with your AIPER Scuba S1 Pro, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery or charging port issue.	Charge the cleaner fully. Ensure charging port is clean and dry.
Poor cleaning performance.	Clogged filters or worn brushes.	Clean the filter basket and secondary filter. Inspect rollers and tracks for debris.
Cleaner gets stuck or cannot climb walls.	Obstruction, low battery, or pool surface issues.	Remove any obstructions. Ensure battery is charged. Check pool surface for excessive slipperiness.
App connectivity issues.	Wi-Fi signal strength or incorrect network.	Ensure the cleaner is within 2.4GHz Wi-Fi range. Reconnect via the app.

8. SPECIFICATIONS

Feature	Detail
Brand	AIPER
Model Name	Scuba S1 Pro
Product Dimensions	18.6"L x 17.4"W x 11.8"H
Power Source	Battery Powered
Voltage	25.2 Volts
Lithium Battery Energy Content	196.56 Milliamp Hours (mAh)
Number of Batteries	21 Lithium Ion batteries (included)
Charging Time	3 Hours
Capacity (Filter)	5 Liters
Run Time	Up to 180 minutes
Max Pool Size	2,150 sq. ft.
Required Assembly	No

9. WARRANTY AND SUPPORT

The AIPER Scuba S1 Pro comes with a **2-year limited product care plan**. For warranty claims, technical support, or any inquiries, please contact AIPER customer service through their official website or the contact information provided with your purchase. Please have your model number and purchase details ready when contacting support.

