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AIPER Scuba E1

AIPER Scuba E1 Cordless Robotic Pool Cleaner User Manual

Model: Scuba E1

1. Product Overview

The AIPER Scuba E1 is a cordless robotic pool cleaner designed for efficient cleaning of above-ground pools. It features an advanced filtration system and a tri-motor design to effectively remove debris from pool floors. This device is suitable for pools up to 1,100 square feet.



Image 1.1: The AIPER Scuba E1 Cordless Robotic Pool Cleaner, shown from an angled top-front view, highlighting its compact design and teal accents.

2. Safety Instructions

Please read and understand all safety instructions before operating the AIPER Scuba E1. Failure to follow these instructions may result in injury or damage to the product.

- Do not operate the cleaner if the power cord or charger is damaged.
- Ensure the charging port is dry before connecting the charger.
- Keep children and pets away from the pool area while the cleaner is in operation.
- Only use the provided charger and accessories.
- Do not attempt to disassemble or repair the cleaner yourself. Contact customer support for assistance.
- Remove the cleaner from the pool before adding chemicals or performing maintenance.

3. Package Contents

Verify that all items are present in the package:

- AIPER Scuba E1 Robotic Pool Cleaner (1)
- Charger (1)
- Ultra-fine Filter (Pre-installed) (1)
- Retrieval Hook (1)
- User Manual (1)

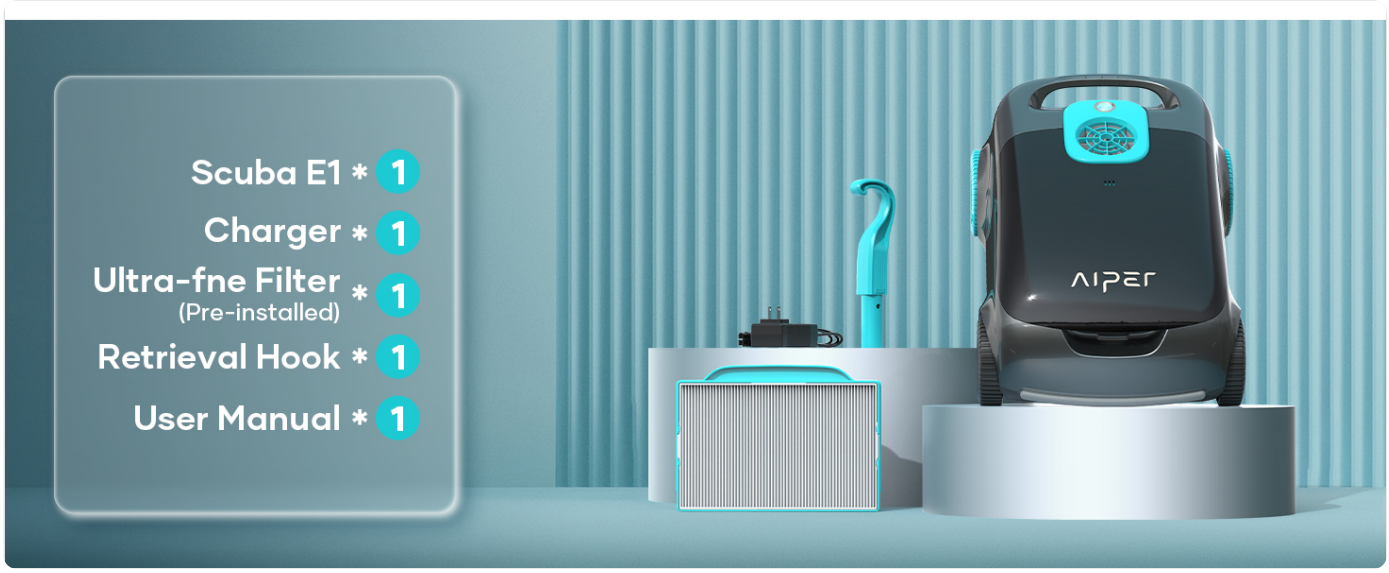


Image 3.1: An illustration showing the AIPER Scuba E1 cleaner alongside its accessories: charger, ultra-fine filter, retrieval hook, and user manual.

4. Setup

4.1 Charging the Cleaner

Before first use, fully charge the AIPER Scuba E1. Connect the charger to the cleaner and a power outlet. The charging time is approximately 2-3 hours, providing up to 130 minutes of cleaning operation.

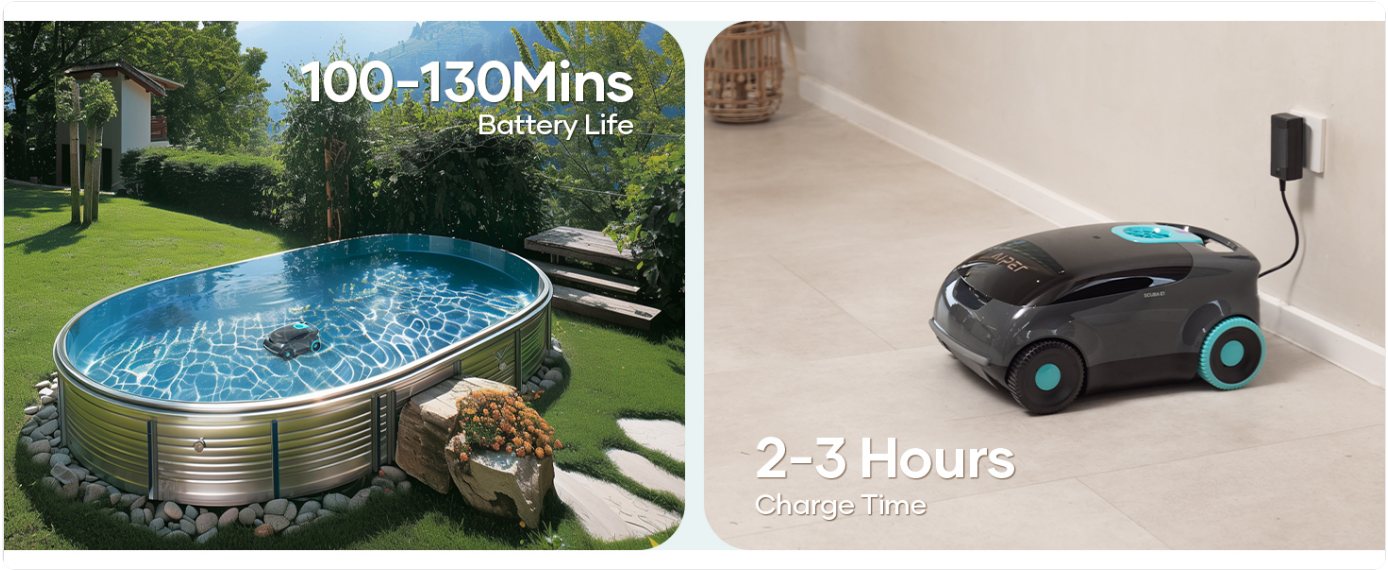


Image 4.1: A split image showing the AIPER Scuba E1 charging indoors next to a power outlet, and another view of the cleaner operating in an outdoor pool, illustrating its battery life and charge time.

4.2 Placing the Cleaner in the Pool

Once charged, gently lower the cleaner into the pool. Ensure it is fully submerged and settles on the pool floor.

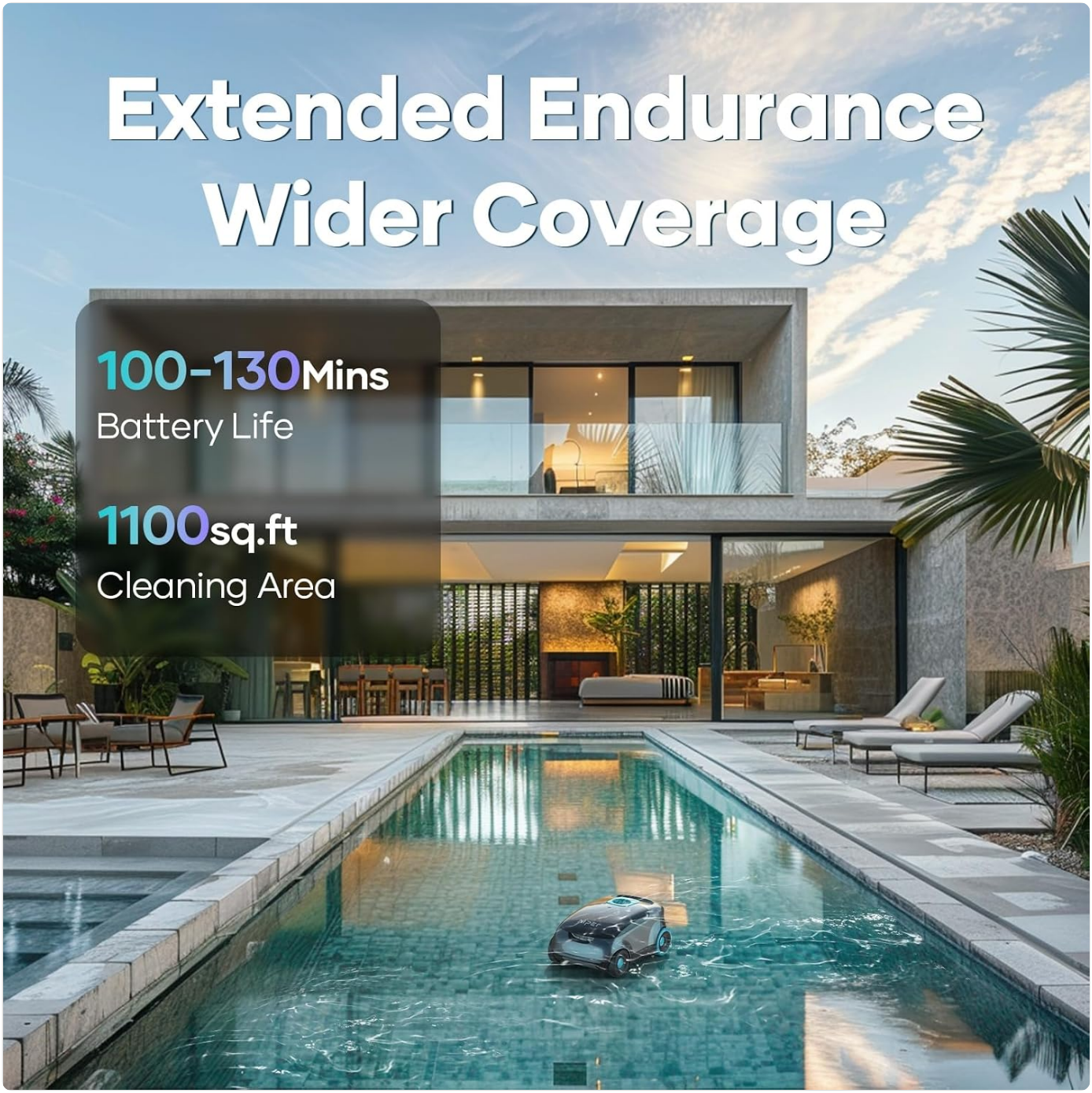


Image 4.2: The AIPER Scuba E1 robotic pool cleaner submerged and moving across the bottom of a clean, rectangular swimming pool.

5. Operating Instructions

5.1 Starting Operation

The AIPER Scuba E1 features one-click activation. Press the power button located on the top of the unit to begin the cleaning cycle. The cleaner will automatically start once submerged.



Image 5.1: A person pressing the power button on the top of the AIPER Scuba E1, demonstrating its one-click activation feature.

5.2 Cleaning Mechanism

The cleaner utilizes a tri-motor system for propulsion and cleaning. Dual motors drive the wheels for movement across the pool floor, while a third motor powers the filtration system. A professional-grade bottom brush guides dirt and debris into the filtration system.

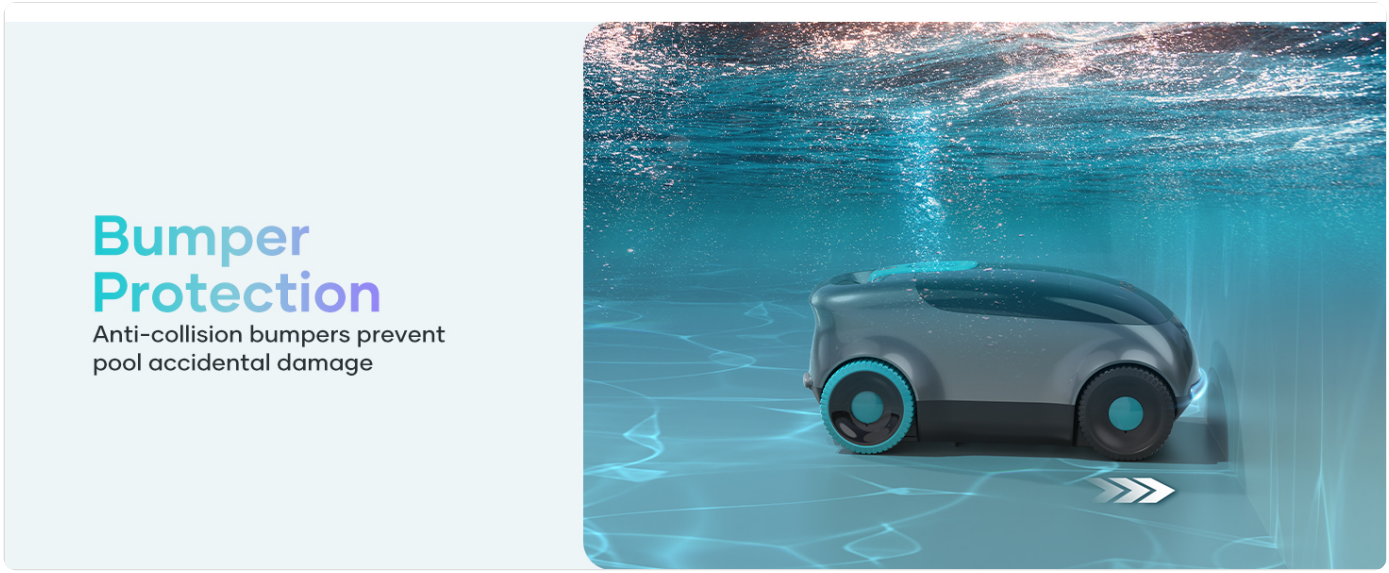


Image 5.2: An X-ray view of the AIPER Scuba E1 highlighting its internal tri-motor system, illustrating the enhanced power for cleaning.

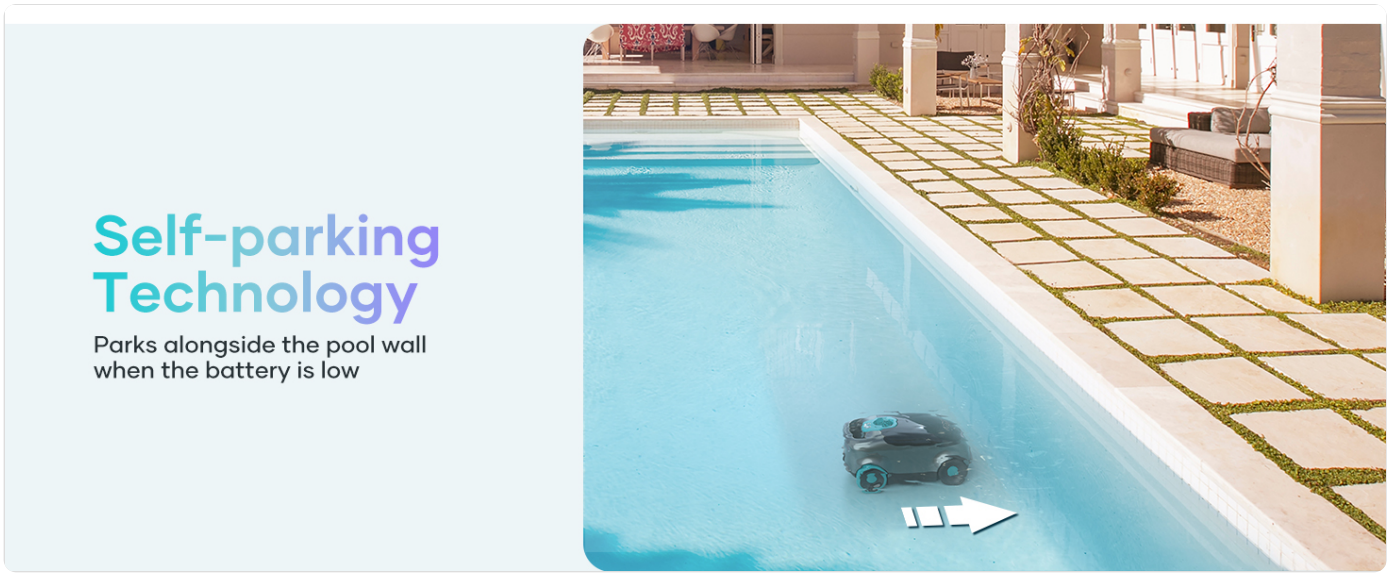


Image 5.3: An underside view of the AIPER Scuba E1, showing the bottom roller brush and the suction path for dirt and debris.

5.3 Bumper Protection and Self-Parking

The cleaner is equipped with anti-collision bumpers to prevent damage to the pool walls. When the battery level is low, the cleaner will automatically park itself alongside the pool wall for easy retrieval.



Image 5.4: The AIPER Scuba E1 underwater, demonstrating its bumper protection as it gently approaches a pool wall.



Image 5.5: The AIPER Scuba E1 robotic cleaner positioned near the edge of a pool, illustrating its self-parking capability when the battery is low.

6. Maintenance

6.1 Cleaning the Filter System

The AIPER Scuba E1 features an advanced filtration system with a 3.6L high-capacity filter basket and replaceable ultra-fine filters capable of trapping particles as small as 3 µm. After each cleaning cycle, the filter system should be cleaned.

1. Remove the cleaner from the pool using the retrieval hook.
2. Open the top cover of the cleaner.
3. Remove the filter basket.
4. Empty debris from the basket and rinse it thoroughly with water.
5. If using the ultra-fine filter, remove and rinse it as well. Replace if necessary.
6. Reassemble the filter system and close the top cover.



Image 6.1: A visual representation of the AIPER Scuba E1's advanced filtration system, showing the 180µm filter for larger debris and the 3µm ultra-fine filter for smaller particles like algae.



Image 6.2: A person rinsing the filter basket of the AIPER Scuba E1 with a garden hose, demonstrating the ease of cleaning.

6.2 Quick Water Release

The cleaner is designed with a quick water release feature to facilitate easy removal from the pool and reduce weight for maintenance.

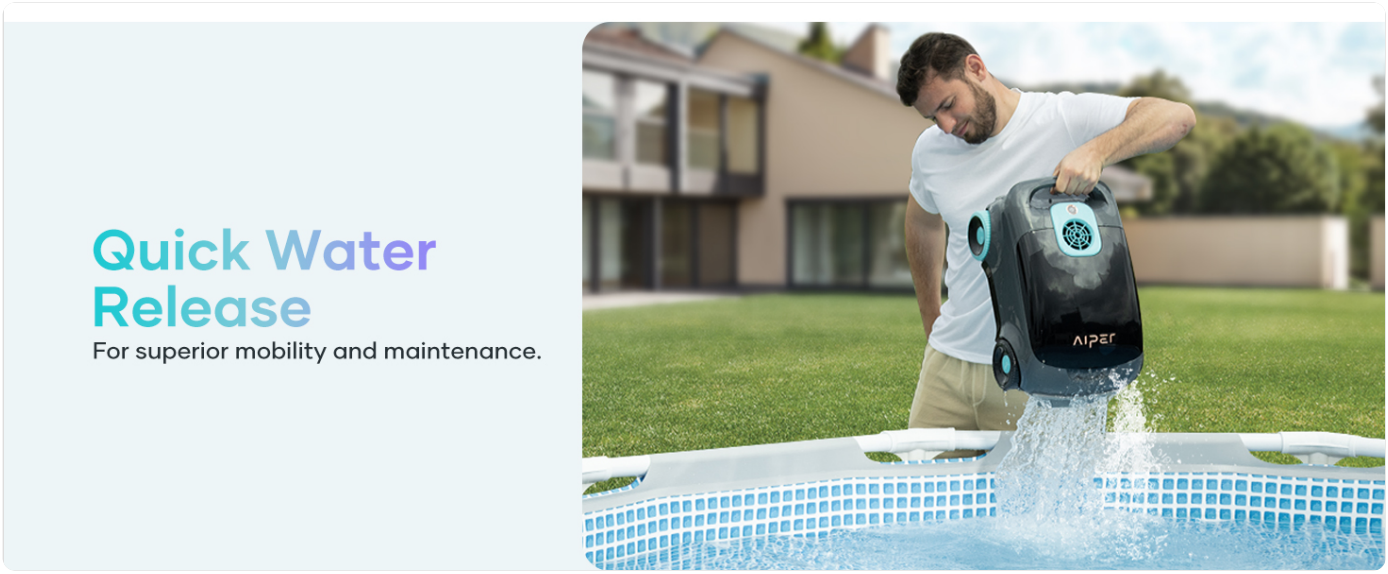


Image 6.3: A person lifting the AIPER Scuba E1 from an above-ground pool, with water draining rapidly from the unit, showcasing its quick water release feature.

7. Troubleshooting

If you encounter issues with your AIPER Scuba E1, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery; Power button not pressed correctly.	Charge the cleaner fully; Ensure a firm press on the power button.
Cleaner is not moving.	Obstruction; Filter basket full; Low battery.	Check for debris blocking wheels; Clean filter basket; Recharge the cleaner.
Poor cleaning performance.	Clogged filter; Worn brushes; Large debris.	Clean or replace filters; Inspect and replace brushes if worn; Manually remove large debris before operation.
Cleaner gets stuck.	Uneven pool surface; Obstruction.	Ensure pool floor is suitable for robotic cleaners; Remove any potential obstacles.

If the problem persists, please contact AIPER customer support for further assistance.

8. Specifications

Feature	Specification
Model Name	Scuba E1
Power Source	Battery Powered
Item Weight	12.5 Pounds (5.67 kg)
Product Dimensions (L x W x H)	19.1 x 12.6 x 8.3 inches (48.5 x 32 x 21.1 cm)
Special Feature	Dual Filtration System
Control Method	Touch
Voltage	10.8 Volts
Charging Time	3 Hours
Battery Life	100-130 Minutes
Filter Basket Capacity	3.6 Liters
Filter Fineness	Down to 3 µm (ultra-fine filter)
Recommended Pool Size	Up to 1,100 sq. ft. (33 ft in length)
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Color	Gray

9. Warranty and Support

The AIPER Scuba E1 comes with a **1-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please contact AIPER customer service through their official website or the contact information provided in your purchase documentation.

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