

[Manuals.plus](#) /

› [AIPER](#) /

› Aiper Pilot X1 Handheld Pool Vacuums User Manual

AIPER HAH3

Aiper Pilot X1 Handheld Pool Vacuum User Manual

Model: HAH3 | Brand: AIPER

1. INTRODUCTION

The Aiper Pilot X1 is a cordless handheld pool vacuum designed for efficient cleaning of both inground and above-ground pools, as well as spas and hot tubs. It features powerful suction, dual cleaning modes for varying water depths, and an extended reach telescoping pole for comprehensive cleaning. This manual provides essential information for the setup, operation, and maintenance of your Pilot X1 pool vacuum.

2. WHAT'S IN THE BOX

Ideal Pool Type



Image: All components included in the Aiper Pilot X1 packaging.

- 1x Pool Vacuum Unit
- 1x Extension Pole (Telescoping)
- 1x Charger
- 1x Wall-Mounted Holder
- 2x Filter Sleeves
(Consumables)
- 1x User Manual

3. SETUP

1. **Assembly:** Attach the vacuum head to the main unit. Connect the telescoping pole to the main unit. Ensure all connections are secure.
2. **Initial Charge:** Before first use, fully charge the Aiper Pilot X1. The charging time is approximately 2.5 hours. Ensure the charging port is dry before connecting the charger.
3. **Filter Installation:** Insert the appropriate filter sleeve into the filter basket. The manual includes two filter options: a 360um filter screen for larger debris and a 100um filter sleeve for fine particles.

4. OPERATING INSTRUCTIONS

4.1 Power and Suction

The Aiper Pilot X1 features a powerful 1260 GPH (21 GPM) suction for effective debris removal. It operates on a cordless, battery-powered design, allowing unrestricted movement.

Industry-leading Suction Power

1260GPH (21GPM)



Image: Visual representation of the powerful suction capability of the Pilot X1.

4.2 Dual Cleaning Modes

The vacuum offers dual cleaning modes to adapt to different pool areas:

- **Deep Mode (>20 inches):** Suitable for spas, inground/above-ground pools, and corners.
- **Shallow Mode (≥0.6 feet):** Ideal for pool steps, lounging areas, and hot tubs.

Capability to Clean Shallow Areas

with Industry-Leading Minimum Cleaning Depth Design

Min Depth: 0.8" / 20cm



Pool Corners



Wall



Pool Steps



Elevated
Platforms



Complex
Layouts

Image: The Pilot X1 demonstrating its ability to clean shallow water areas, including pool corners, walls, steps, and elevated platforms.

4.3 Telescoping Pole

The included telescoping pole extends up to 2.5m (8.3 ft), providing easy access to pool floors, walls, and hard-to-reach areas without excessive bending.

Telescopic Pole Included



Image: A person using the telescoping pole to clean a pool with the Aiper Pilot X1, illustrating its extended reach.

4.4 One-Click Activation & LED Indicator

The device features one-click activation. A 3-color LED indicator provides status updates:

- Blue: Deep Water Mode
- Green: Shallow Water Mode
- Red: Low Battery

5. MAINTENANCE

5.1 Filter Cleaning

To maintain optimal performance and prevent clogging, empty the debris from the filter basket and rinse it with water after each use. The manual includes two filter options for different pool conditions: a 360um filter screen for larger debris (small twigs, coarse sand, leaves, debris) and a 100um filter sleeve for small/less noticeable debris (fine sand, dust, fine particles).

Two Filter Options for Different Pool Condition

Use Only: **360um** Filter Screen
For Dirty Water with larger Debris:



Small
Twigs



Coarse
Sand



Leaves



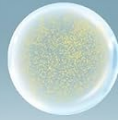
Debris



Add **100um** Filter Sleeve + Screen
For Small/Less Noticeable Debris:



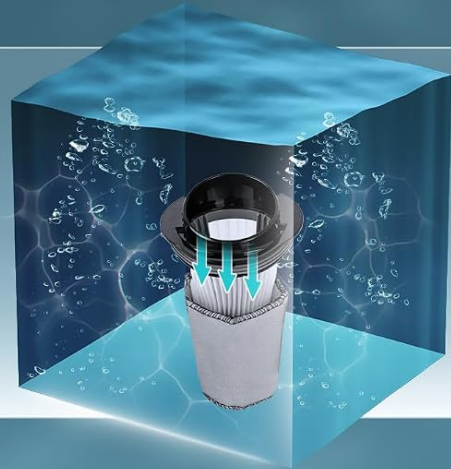
Fine
Sand



Dust



Fine
Particles



Note:

When cleaning much dirty water, no need to ADD Option-2 filter, help extend lifespan of Option-2 filter.

Image: Illustration of the two filter types and their recommended use based on debris size.



Image: A hand rinsing the filter basket under running water, demonstrating easy maintenance.

5.2 Storage

After cleaning, store the unit in a dry, shaded area. The included wall-mounted holder provides convenient storage. Ensure the charging port is completely dry before charging or storing.



Image: The Aipер Pilot X1 being stored on its wall-mounted holder, indicating convenient storage and charging.

6. TROUBLESHOOTING

If you encounter any issues with your Aipер Pilot X1, please refer to the following general troubleshooting tips:

- **No Power:** Ensure the unit is fully charged. Check the charger connection and power outlet.
- **Weak Suction:** Clean the filter basket and filter sleeves thoroughly. Check for any blockages in the vacuum head or suction path.
- **Unit Not Moving:** Ensure the unit is properly assembled and submerged in water. Check for any debris obstructing the movement mechanism.

- **Short Battery Life:** Ensure the unit is fully charged before each use. Battery performance may decrease over time with prolonged use.

For persistent issues or further assistance, please contact Aiper customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	AIPER
Model Name	Pilot X1
Item Model Number	HAH3
Power Source	Battery Powered
Suction Power	21 GPM (1260 GPH)
Charging Time	2.5 Hours
Battery Type	1 Lithium Ion battery (included)
Battery Weight	215 Grams
Lithium Battery Energy Content	28.08 Watt Hours
Telescoping Pole Length	Up to 8.3 ft (2.5m)
Item Weight	7 Pounds
Product Dimensions	8.6"L x 8.6"W x 59"H
Material	ABS Plastic
Color	Dark Grey
Control Method	Touch
Assembly Required	Yes
Warranty Type	Limited

8. WARRANTY AND SUPPORT

The Aiper Pilot X1 comes with a Limited Warranty. For detailed warranty information, claims, or technical support, please refer to the official Aiper website or contact AiperDirect, the seller, directly. Keep your purchase receipt for warranty

validation.

Aiper Brand Store: [Visit the AIPER Store on Amazon](#)

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