

[Manuals.plus](#) /

› [VINGLI](#) /

› VINGLI Automatic Suction Pool Cleaner Model 911-3 Instruction Manual

VINGLI 911-3

VINGLI Automatic Suction Pool Cleaner

MODEL: 911-3

1. Important Safety Information

Please read and understand all instructions before installing and operating this pool cleaner. Failure to follow these instructions may result in property damage or injury.

- Ensure your pool pump is turned off before installing, removing, or performing any maintenance on the cleaner.
- This cleaner is designed for in-ground pools. Do not use it in above-ground pools unless specifically stated by the manufacturer.
- Keep children and pets away from the pool area during cleaner operation.
- Do not operate the cleaner if any parts are damaged or missing.
- This cleaner is not designed to pick up large debris such as large leaves, rocks, or sharp objects. Remove such items manually before operation to prevent blockages or damage.

2. Package Contents

Verify that all components are present before beginning installation:

- Automatic Pool Cleaner Head
- 33 FT Hoses (multiple sections)
- Diaphragms
- Hose Connectors
- Regulator Valve
- Weights (if applicable)
- Elbow Connector
- Brush (for cleaning)



Figure 2.1: Overview of all included components.

3. Setup and Installation

3.1 Pump Requirements

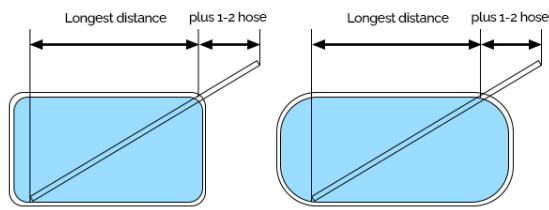
For optimal performance, this automatic pool cleaner requires a pool pump with a minimum power of **3/4 HP** or a flow rate of **6.5 m³/h (1700 gal/h)**. The water flow should not exceed 12 m³/h.

3.2 Hose Length Selection

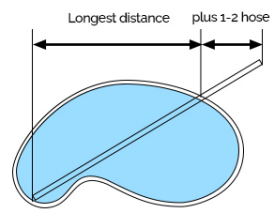
Proper hose length is crucial for effective cleaning and to prevent kinking. Connect enough hose sections so that the cleaner can reach all areas of your pool, including the farthest point from the skimmer, plus an additional 1-2 hose sections.

Select the Right Hoses Length

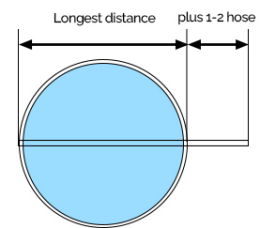
Prevent Insufficient Length or Kinking Issues



Rectangular / Oval Pool Longest distance + 1 hose (min-long side)



Round Pool
Diameter + 1 hose (min-diameter)



Special Shape
Longest distance + 1 hose (min-narrowest width)

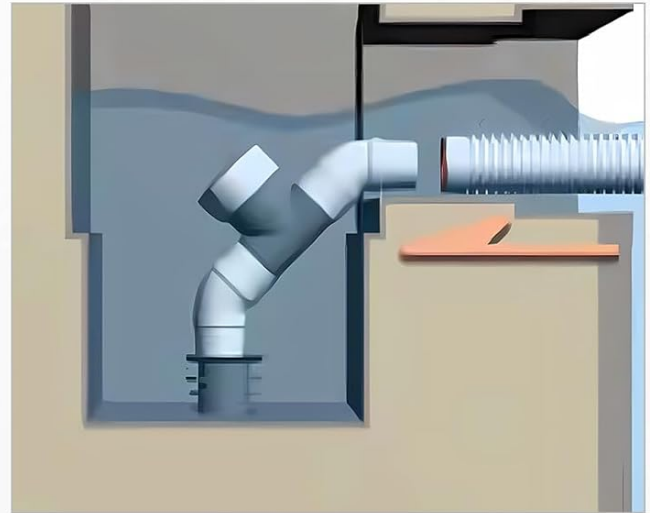
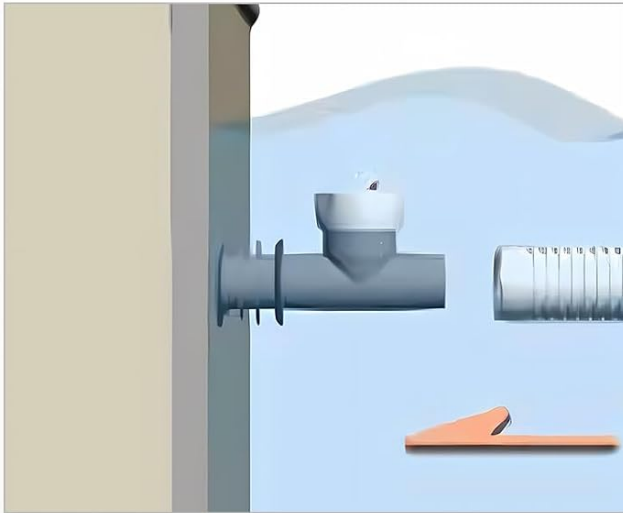
Figure 3.1: Guide for selecting appropriate hose length based on pool shape.

3.3 Assembly and Connection

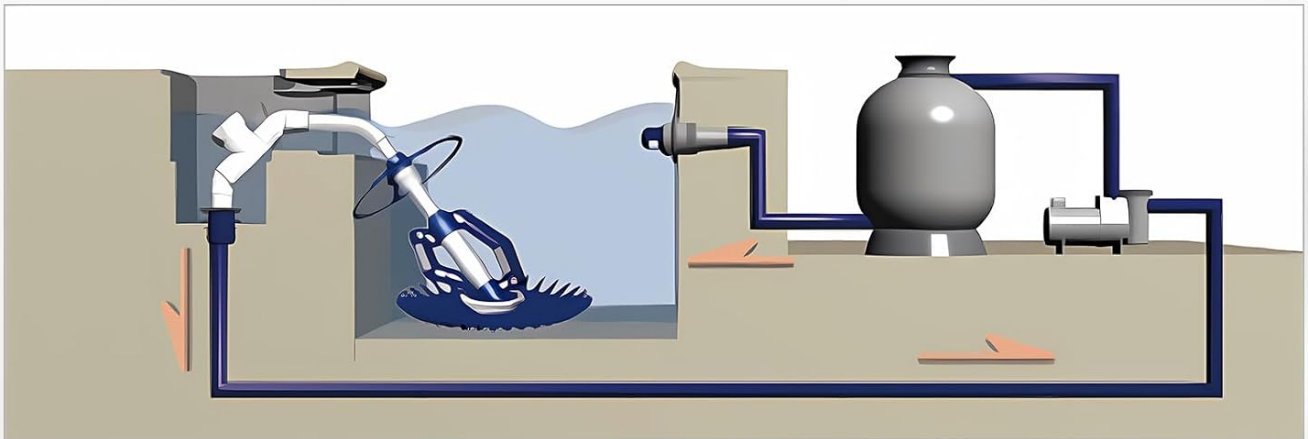
The cleaner features tool-free assembly. Follow these steps to connect the cleaner to your pool's filtration system:

1. Assemble the cleaner head and hose sections according to the included diagrams.
2. If your regulator connects to a wall skimmer, pass the hose through the front of your skimmer and connect it to the elbow connector.
3. Adjust your filtration system to the vacuum setting.
4. Ensure the pump meets the minimum power requirements.

Installation & Working Principle



If your regulator is connector to a wall skimmer, pass the hose through the front of your skimmer and connect it to the elbow connector.



Adjust your filtration system to the vacuum setting. A pump of at least 3/4 horsepower (6.5 m³/h) is required. Water flow don't be larger than 12 m³/h.

Figure 3.2: Installation and working principle diagram.

3.4 Adjusting Suction Power

The cleaner's suction power can be adjusted using the regulator valve. This helps optimize cleaning efficiency and movement.

- Turn the knob towards '+' to increase suction power.
- Turn the knob towards '-' to decrease suction power.
- Adjust as needed to ensure the cleaner moves freely and effectively picks up debris without getting stuck.

Adjustable Suction Power



Figure 3.3: Adjustable suction power regulator.

4. Operation

Once installed and connected, the VINGLI Automatic Pool Cleaner will begin its cleaning cycle.

- The cleaner is designed to effectively clean floors, walls, and stairs of in-ground pools.
- It features a wheel deflector for smooth navigation around tight corners.
- It efficiently removes fine debris such as twigs, bugs, sand, and algae.
- The cleaner operates with whisper-quiet performance, maintaining a peaceful poolside ambiance.
- The maximum operational depth for this cleaner is 9.8 feet.

Superior Cleaning Power

Easily cleans all types of debris



Twigs

Bugs

Sand

Alga

Figure 4.1: Cleaner effectively removing debris.

Powerful Suction to Climb Walls for Cleaning

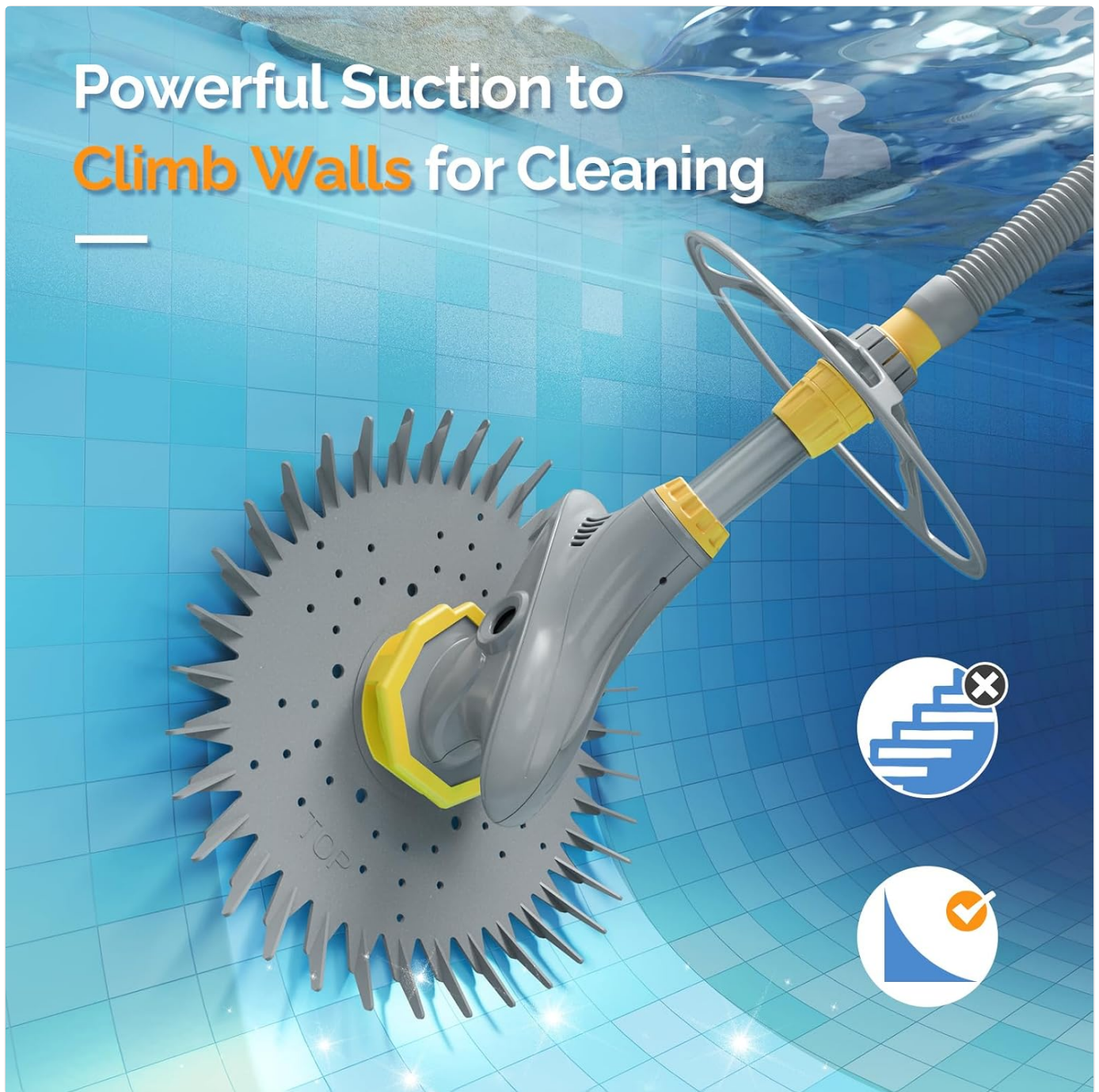


Figure 4.2: Cleaner performing wall-climbing action.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pool cleaner.

5.1 Clearing Blockages

The clear design of the cleaner allows for easy monitoring of blockages. If small debris like twigs get lodged, simply remove them. No tools are needed for this process.



Figure 5.1: Clear design for blockage monitoring.

5.2 Diaphragm Inspection and Replacement

The TPU diaphragm is a critical component for the cleaner's suction. Inspect it periodically, especially if you notice a loss of suction power.

1. **Step 1:** If you notice a gap in the diaphragm, it indicates poor suction. Press it inward.
2. **Step 2:** Lift up the other end of the blue tube that connects to the diaphragm to ensure a tighter seal of the diaphragm.
3. **Step 3:** While pushing down on the blue tube, secure the nut by tightening it.
4. **Step 4:** The diaphragm is in normal condition when it appears closed as shown in the picture.

If the Cleaner Loses Suction Power During Operation Please Check the Diaphragm First.

TPU Diaphragm

Silent operation with 200-hour lifespan.



STEP 1

If you notice a gap in the diaphragm, it indicates poor suction. In this case, press it inward.



STEP 2

Lift up the other end of the blue tube that connects to the diaphragm to ensure a tighter seal of the diaphragm.



STEP 3

While pushing down on the blue tube, secure the nut by tightening it.



STEP 4

The diaphragm is in normal condition when it appears closed as shown in the picture.

Figure 5.2: Diaphragm inspection and adjustment steps.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Cleaner not moving or stuck	Insufficient suction power; Debris lodged in cleaner; Improper hose length/weights.	Check pump power (min 3/4HP); Adjust regulator valve to increase suction; Remove any lodged debris; Verify correct hose length and weight distribution.
Loss of suction power	Damaged or improperly seated diaphragm; Insufficient pump power; Air leak in hose connections.	Inspect and adjust/replace diaphragm (refer to Section 5.2); Ensure pump meets requirements; Check all hose connections for airtight seals.
Cleaner not cleaning effectively	Low suction; Incorrect hose length; Large debris present.	Increase suction power; Adjust hose length for full pool coverage; Manually remove large debris before operation.

7. Specifications

- **Brand:** VINGLI
- **Model Name:** 911-3
- **Power Source:** Pool Pump (minimum 3/4 HP or 6.5 m³/h flow rate)
- **Hose Length:** 33 Feet
- **Material:** Plastic
- **Color:** Gray
- **Product Dimensions:** 11.4"L x 11.4"W x 420"H (Note: 420"H likely refers to hose length when stretched, actual cleaner head dimensions are smaller)
- **Installation Type:** Suction Side

- **Special Feature:** Portable, Cordless (operates via pool pump suction)

8. Warranty and Support

VINGLI stands behind the quality of its products. If you encounter any issues or require replacement of defective components, please contact VINGLI customer support. Our dedicated team is available to provide responsive assistance and ensure prompt resolution for all inquiries regarding your purchase.

For support, please refer to the contact information provided with your product packaging or visit the official VINGLI website.

© 2025 VINGLI. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B0F6Y5NLQR>

More documents and user manuals: <https://manuals.plus/>