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## VINGLI VINGLI 911



# VINGLI 911 Automatic Pool Vacuum Cleaner Instruction Manual

Model: VINGLI 911

## 1. INTRODUCTION

Thank you for choosing the VINGLI 911 Automatic Pool Vacuum Cleaner. This device is designed to provide efficient and quiet cleaning for your in-ground swimming pool, effectively removing dirt and debris from the pool floor and walls. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance.

## 2. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure the pool pump is turned off before installing, removing, or performing any maintenance on the cleaner.
- Do not allow children to play with the pool cleaner or its components.
- Keep hands and hair clear of the cleaner's moving parts when the pump is operating.
- This cleaner is designed for in-ground pools. Do not use it in above-ground pools unless specifically stated by the manufacturer.
- The cleaner requires a minimum 3/4 HP swimming pool pump or a minimum flow of 6.5m<sup>3</sup>/hour (1700 gal/hr). Ensure your pump meets these specifications.

## 3. PACKAGE CONTENTS

Verify that all components are present in your package:

- VINGLI 911 Pool Vacuum Cleaner Head
- Ten (10) Durable Hoses (33 inches each)

- Regulator Valve
- Hose Weights
- Various Connectors and Adapters
- Diaphragm (pre-installed or spare)



Image: VINGLI 911 Pool Cleaner Components. This image displays the various parts included with the VINGLI 911 pool vacuum cleaner, such as the cleaner head, hoses, and connectors.

## 4. SETUP AND ASSEMBLY

Follow these steps to assemble and set up your VINGLI 911 pool vacuum cleaner:

1. **Connect Hoses:** Attach the durable hoses together to achieve the necessary length for your pool. The total hose length should allow the cleaner to reach all areas of your pool.
2. **Attach Cleaner Head:** Connect one end of the hose assembly to the VINGLI 911 cleaner head.
3. **Install Regulator Valve:** Insert the regulator valve into the skimmer or dedicated suction line. Ensure it is securely fitted to prevent air leaks.
4. **Connect to Filtration System:** Attach the other end of the hose assembly to the regulator valve in your pool's filtration system.
5. **Adjust Hose Weights:** Place the hose weights along the hose to ensure the cleaner sits flush with the pool floor. Adjust the position of the weights as needed, especially in the deepest part of the pool, to prevent the cleaner from floating or getting stuck.

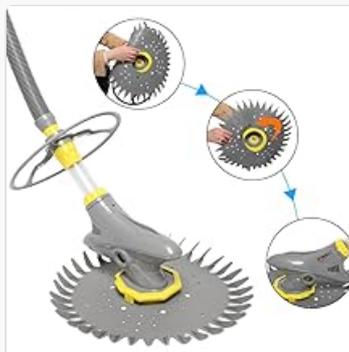


Image: Assembling the VINGLI Pool Cleaner. This image illustrates the process of connecting the hose to the cleaner head and other components.

**Important Note:** This automatic wall climb cleaning requires at least a 3/4 HP swimming pool pump or a minimum flow of 6.5m<sup>3</sup>/hour (1700 gal/hr) for optimal performance.

## 5. OPERATING INSTRUCTIONS

Once assembled and connected, follow these steps to operate your VINGLI 911 pool vacuum cleaner:

1. **Submerge Cleaner:** Gently lower the cleaner into the pool, ensuring all air is expelled from the hose and cleaner head.
2. **Start Pump:** Turn on your pool pump. The cleaner will begin to move across the pool floor and walls, collecting dirt and debris.
3. **Adjust Suction:** If the cleaner is too sluggish or too aggressive, adjust the regulator valve to control the suction power. A balanced suction ensures efficient movement and cleaning.
4. **Monitor Movement:** Observe the cleaner's movement. It should move along the pool surfaces without getting stuck frequently. The wheel deflector assists in navigating corners.



Image: VINGLI Pool Cleaner in Operation. This image shows the cleaner actively moving and cleaning the pool floor.

The VINGLI 911 is designed for quiet operation, allowing you to clean your pool without excessive noise. It effectively removes fine dirt and debris but is not designed to pick up large leaves or similar items.

## 6. MAINTENANCE

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

- **Check Diaphragm:** Inspect the diaphragm regularly, especially if the cleaner's performance decreases. Ensure there is no gap inside and no small rocks are stuck. The diaphragm typically lasts about 200 hours of use.
- **Clean Pump and Skimmer Baskets:** Regularly clean and empty the pump basket and skimmer/weir basket to maintain proper water flow and suction.
- **Clean Filtration System:** Thoroughly clean your pool's filtration system (sand/cartridge filters) according to the manufacturer's specifications.
- **Inspect Regulator Valve:** Check the regulator valve for any debris build-up and flush it if necessary.
- **Check Mat:** Inspect the cleaner's mat for wear and ensure the curved tips are facing upwards for correct operation.
- **Inspect Hoses:** Check the hoses for blockages or leaks. You can test for leaks by lifting each section above water while the pump is running.



Image: Diaphragm Inspection. This image shows how to inspect the diaphragm for proper function and blockages.

## How to Replace the Diaphragm:

1. Unscrew the yellow retaining ring.
2. Remove the clear tube and old diaphragm.
3. Insert the new diaphragm into the clear tube.
4. Reassemble the components, ensuring the diaphragm is correctly seated.



Image: Diaphragm Replacement Steps. This image illustrates the step-by-step process for replacing the diaphragm in the cleaner head.

## 7. TROUBLESHOOTING

Refer to the following common issues and their solutions:

### Problem: Cleaner is sluggish or has stopped operating.

- Check if the pump is ON and/or primed.
- Check the cleaner head for blockages.
- Clean and empty the pump basket and skimmer/weir basket.
- Ensure the filtration system is thoroughly cleaned (sand/cartridge filters).
- Inspect the regulator valve and flush away any debris build-up.
- Check the mat for wear.
- Make sure the curved tips of the mat are facing upwards.
- Ensure that the skimmer/weir vacuum lid is fitted correctly and check for cracks.
- Check the hose for blockages.
- Check the hose for leaks by lifting each section above water while the pump is running.

- If the cleaner stops when it reaches the surface of the pool, adjust the regulating valve to lower the suction.

### **Problem: Cleaner travels in a repetitive pattern or gets stuck.**

- Adjust return jets downwards to influence water flow.
- Verify proper hose length. The hose should be long enough to reach all areas of the pool but not excessively long to cause tangling.
- Ensure the cleaner sits flush with the pool floor. Adjust the position of hose weights if necessary. This adjustment should be done at the deepest part of the pool.
- Remove or add one hose section to optimize length.
- Inspect the regulator valve and flush away any debris build-up.
- Check that the hose sections are straight; if not, lay the hose in a straight line in the sun to relax its memory and straighten it.
- Twist each hose section a half-turn at each connection point to help prevent tangling.

## **8. SPECIFICATIONS**

| <b>Feature</b>     | <b>Specification</b>   |
|--------------------|--|
| Model Name         | VINGLI 911   |
| Power Source       | Pump (Minimum 3/4 HP or 6.5m <sup>3</sup> /hour / 1700 gal/hr) |
| Item Weight        | 5.67 Kilograms (12.47 pounds)                                  |
| Product Dimensions | 18.5"L x 18.5"W x 39.4"H                                       |
| Material           | Plastic  |
| Color              | Gray   |
| Special Feature    | Adjustable   |
| Assembly Required  | Yes  |
| Control Method     | Touch (via pump/valve adjustment)                              |
| Efficiency         | Highly efficient   |
| Hose Caliber       | 1.5 inches   |

## **9. WARRANTY AND SUPPORT**

VINGLI offers a worry-free guarantee for this product. If any part of this item is broken, you can contact us for a free replacement. We are committed to providing high-quality products and timely, satisfying solutions for any questions or concerns you may have about your order.

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

