

Aquascape 91011

Aquascape AquaForce 1000 Solids Handling Pond Pump (Model 91011) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Aquascape AquaForce 1000 Solids Handling Pond Pump, Model 91011. This pump is designed for use in ponds, waterfalls, and other water feature applications, offering energy-efficient performance and high flow rates.

The AquaForce 1000 features an asynchronous motor for high torque and trouble-free operation, a protective pre-filter cage, and a wide, flat base for stable placement. It is capable of handling solids up to one-quarter inch, preventing clogging and ensuring continuous performance.

2. SAFETY INFORMATION

WARNING: To avoid possible electric shock, special care should be taken since water is used in conjunction with this equipment. Read all instructions before use.

- Always disconnect the pump from the power supply before handling, performing maintenance, or making any adjustments.
- Ensure the power cord is not damaged. Do not operate the pump if the cord is frayed or cut.
- Do not remove the grounding prong from the power plug.
- Do not use extension cords unless absolutely necessary. If an extension cord is required, ensure it is rated for outdoor use and is properly grounded.
- Ensure the pump is fully submerged during operation to prevent overheating.
- Keep children and pets away from the pond area during installation and maintenance.
- This pump is designed for freshwater use only. Do not use with corrosive, flammable, or explosive liquids.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Aquascape AquaForce 1000 Solids Handling Pond Pump

- Rotational Ball Output
- Multi-Hose Fittings (for 0.75 inch, 1 inch, 1.25 inch, 1.5 inch, and 2 inch discharge hoses)
- Instruction Manual

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your AquaForce 1000 pump:

1. **Choose Placement:** The pump's wide, flat base allows it to be placed directly into the pond. Position the pump in an area that allows for optimal water circulation, typically at the end opposite your waterfall or filter return. The protective pre-filter cage is designed to prevent large debris from entering the pump.
2. **Attach Fittings:** Select the appropriate multi-hose fitting for your desired hose diameter (0.75", 1", 1.25", 1.5", or 2"). Securely attach the chosen fitting to the rotational ball output. The rotational ball output allows you to easily adjust the discharge position after installation.
3. **Connect Hose:** Connect your pond hose to the attached fitting. Ensure a tight connection to prevent leaks and maintain optimal flow.
4. **Submerge Pump:** Carefully lower the pump into the pond, ensuring it is fully submerged. The pump is designed for submersible use only.
5. **Connect Power:** Once the pump is submerged and all connections are secure, plug the 25-foot power cord into a properly grounded outdoor electrical outlet.



Image: Aquascape AquaForce 1000 Solids Handling Pond Pump with its discharge fitting and power cord.



Image: Side view of the pump highlighting the rotational ball output for adjustable discharge.

5. OPERATION

The Aquascape AquaForce 1000 pump is designed for continuous, trouble-free operation. Once properly installed and powered, the pump will begin to circulate water. Its asynchronous motor technology provides high torque, ensuring consistent performance even at higher head heights.

- The pump's protective cage allows it to handle solids up to one-quarter inch, reducing the frequency of cleaning and preventing clogging.
- The maximum flow rate is 1070 gallons per hour (GPH), with a maximum head height of 10 feet.
- The pump operates at 55 watts, making it energy-efficient.



Image: Internal view of the AquaForce 1000 pump, illustrating the motor and impeller components.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pump. The AquaForce 1000 features an oil-free design, simplifying maintenance.

1. **Disconnect Power:** Always unplug the pump from the electrical outlet before performing any maintenance.
2. **Remove from Pond:** Carefully remove the pump from the pond.
3. **Clean Exterior:** Rinse the exterior of the pump, especially the protective pre-filter cage, with a garden hose to remove accumulated debris.
4. **Disassemble for Deep Cleaning (if necessary):** If flow is reduced or significant debris is visible inside, unclip the four clips that hold the two halves of the pump cage together. Separate the halves and carefully clean the impeller area and internal components. Rinse thoroughly.
5. **Reassemble and Reinstall:** Reassemble the pump, ensuring the clips are securely fastened. Place the pump back into the pond and reconnect power.



Image: Top view of the AquaForce 1000 pump, showing the protective cage and the four clips for disassembly.

7. TROUBLESHOOTING

If your AquaForce 1000 pump is not operating correctly, review the following common issues and solutions:

- **Pump does not turn on:**

Solution: Ensure the pump is properly plugged into a functional, grounded outlet. Check the circuit breaker. Verify the power cord is not damaged.

- **Reduced water flow:**

Solution: Disconnect power and remove the pump from the pond. Clean the pre-filter cage and check for any blockages in the impeller area or discharge hose. Ensure the hose diameter is appropriate for the pump's flow rate (larger diameter hoses generally allow for better flow).

- **Pump is noisy:**

Solution: Disconnect power and inspect the impeller for any debris or damage. Ensure the pump is fully submerged and resting on a stable surface.

- **Pump stops intermittently:**

Solution: This could indicate overheating. Ensure the pump is fully submerged and not running dry. Clean the pump to ensure proper water circulation through its cooling system.

8. SPECIFICATIONS

Feature	Specification
---------	---------------

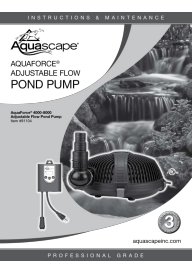

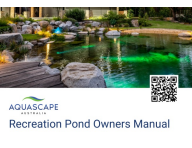
Brand	Aquascape
Model Number	91011
Maximum Flow Rate	1070 GPH (4050 Liters Per Hour)
Maximum Lifting Height	10 Feet
Power Consumption	55 Watts
Voltage	100 Volts
Cord Length	25 Feet
Solids Handling Capability	Up to 0.25 inches
Discharge Sizes	0.75", 1", 1.25", 1.5", 2"
Item Weight	10.6 Pounds
Material	Plastic

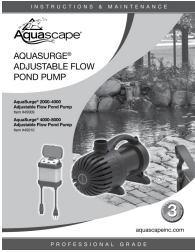
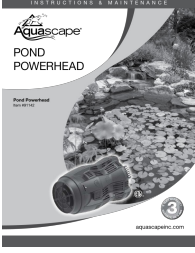
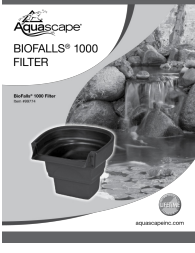
9. WARRANTY AND SUPPORT

The Aquascape AquaForce 1000 Solids Handling Pond Pump is backed by a **3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or additional product information, please contact Aquascape customer service. Refer to the official Aquascape website or product packaging for current contact details.

Related Documents - 91011

	<p>Aquascape AquaForce Adjustable Flow Pond Pump 4000-8000: Instructions, Maintenance, and Troubleshooting</p> <p>Comprehensive guide for the Aquascape AquaForce 4000-8000 Adjustable Flow Pond Pump. Includes setup, installation, maintenance, troubleshooting, safety information, and warranty details.</p>
	<p>Aquascape PL Series Solids Handling Pond Pump - Installation, Operation & Maintenance Manual</p> <p>This document provides essential information for the safe installation, operation, and maintenance of the Aquascape PL Series Solids Handling Pond Pump, manufactured by Tsurumi. Includes model details, performance specifications, and safety warnings.</p>
	<p>Aquascape Recreation Pond Owners Manual: Maintenance, Planting & Care Guide</p> <p>Comprehensive guide for Aquascape recreation pond owners, covering essential maintenance, water treatments, aquatic planting, fish care, and ecosystem balancing for a clear and healthy water feature.</p>

 <p>INSTRUCTIONS & MAINTENANCE</p> <p>Aquascape® AQUASURGE® ADJUSTABLE FLOW POND PUMP</p> <p>Aquasurge® 1000 (900) Adjustable Flow Pond Pump Aquasurge® 450 (300) Adjustable Flow Pond Pump Aquasurge® 250 (150) Adjustable Flow Pond Pump</p> <p>PROFESSIONAL GRADE</p>	<p>Aquascape AquaSurge Adjustable Flow Pond Pump: User Manual, Specifications, and Maintenance Guide</p> <p>Comprehensive instructions, specifications, safety guidelines, and maintenance procedures for the Aquascape AquaSurge Adjustable Flow Pond Pump (Models 45009, 45010). Includes details on smart receiver setup, troubleshooting, and warranty information.</p>
 <p>INSTRUCTIONS & MAINTENANCE</p> <p>Aquascape® POND POWERHEAD</p> <p>Pond Powerhead Model 91142</p>	<p>Aquascape Pond Powerhead 91142: Installation, Maintenance, and Troubleshooting Guide</p> <p>Comprehensive guide for the Aquascape Pond Powerhead (Model 91142), covering installation, safety, specifications, maintenance, troubleshooting, and warranty information.</p>
 <p>INSTRUCTIONS & MAINTENANCE</p> <p>Aquascape® BIOFALLS® 1000 FILTER</p> <p>BioFalls® 1000 Filter Model 1000</p>	<p>Aquascape BioFalls 1000 Filter: Installation and Maintenance Guide</p> <p>Comprehensive instructions for installing and maintaining the Aquascape BioFalls 1000 Filter, a key component for creating beautiful waterfalls in ponds and water features. Includes step-by-step guidance, recommended tools, and warranty information.</p>