

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Jebao](#) /

> [Jebao FA-1500 Submersible Fountain Pump User Manual](#)

Jebao FA-1500

Jebao FA-1500 Submersible Fountain Pump User Manual

Model: FA-1500 | 350 GPH

1. INTRODUCTION

Thank you for choosing the Jebao FA-1500 Submersible Fountain Pump. This pump is designed for versatile water garden applications, including powering pond filters, creating water fountains, waterfalls, and use in hydroponic and aquaponic systems. Its energy-efficient magnetic drive technology ensures reliable operation. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your pump.

2. SAFETY INSTRUCTIONS

WARNING: To avoid injury, basic safety precautions should be observed, including the following:

- Read and follow all safety instructions and all important notices before using this appliance.
- This pump is designed for submersible use only. Do not operate the pump dry.
- Always disconnect the pump from the power supply before handling, performing maintenance, or cleaning.
- Ensure the pump is connected to a properly grounded outlet. Do not remove the grounding prong from the plug.
- Do not use this pump with flammable liquids.
- Do not lift the pump by its power cord.
- Inspect the power cord for damage before each use. Do not use if the cord is damaged.
- Keep children and pets away from the pump and water feature during operation.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- Jebao FA-1500 Submersible Fountain Pump
- Hose Adapters (various sizes)
- User Manual (this document)



Image 3.1: Contents of the Jebao FA-1500 package, including the pump, power cord, hose adapters, and the owner's manual.

4. SETUP

Follow these steps for proper installation of your Jebao FA-1500 pump:

1. **Choose Location:** Place the pump in the desired location within your pond, fountain, or reservoir. Ensure it is fully submerged and rests on a stable, level surface. The suction cups on the base can help secure it.
2. **Attach Hose Adapter:** Select the appropriate hose adapter for your tubing size. Thread the adapter onto the pump's outlet. Ensure a tight, secure connection to prevent leaks.



Image 4.1: The Jebao FA-1500 pump with a hose adapter securely attached to the water outlet.

3. **Connect Tubing:** Connect your flexible tubing to the attached hose adapter. Use a hose clamp (not included) for an extra secure connection, especially for high-pressure applications.
4. **Position Pump:** Ensure the pump is fully submerged in water. The water level should always be above the pump's intake to prevent it from running dry.
5. **Electrical Connection:** Route the power cord safely, avoiding kinks or damage. Plug the pump into a grounded electrical outlet. Ensure a drip loop is formed to prevent water from traveling along the cord to the outlet.

5. OPERATING INSTRUCTIONS

Once the pump is properly set up and submerged:

- **Initial Start-up:** Plug the pump into the power outlet. The pump should start immediately, and water will begin to flow through your system.
- **Check Flow:** Observe the water flow. If the flow is weak or inconsistent, check for air pockets in the tubing or blockages in the pump's intake.
- **Continuous Operation:** The Jebao FA-1500 is designed for continuous operation. However, regular checks of water level and pump performance are recommended.
- **Shut Down:** To turn off the pump, simply unplug it from the electrical outlet. Always unplug before performing any maintenance.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump.

1. **Disconnect Power:** Always unplug the pump from the power source before any maintenance.
2. **Clean Intake Screen:** Periodically remove debris from the pump's intake screen to maintain proper water flow.
3. **Clean Impeller/Rotor:**
 - Carefully remove the front cover of the pump.
 - Gently pull out the impeller assembly. The FA-1500 features a fixed ceramic shaft rotor, which is durable and quiet.
 - Clean the impeller and the impeller chamber with a soft brush and clean water to remove any mineral deposits or debris.
 - Rinse all components thoroughly and reassemble. Ensure the impeller spins freely.
4. **Check Power Cord:** Regularly inspect the power cord for any signs of wear, cuts, or damage.
5. **Winterization (for outdoor use):** In freezing temperatures, remove the pump from the water, clean it thoroughly, and store it in a frost-free location. Do not allow the pump to freeze in water.



Image 6.1: Front view of the Jebao FA-1500 pump, highlighting the intake area for cleaning.

7. TROUBLESHOOTING

If your pump is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Pump does not start or run.	No power; clogged impeller; damaged impeller/motor.	Check power connection/outlet; clean impeller and chamber; inspect impeller for damage.

Problem	Possible Cause	Solution
Low water flow.	Clogged intake screen; kinked/blocked tubing; low water level.	Clean intake screen; clear tubing; ensure pump is fully submerged.
Pump is noisy.	Debris in impeller; pump running dry; worn impeller.	Clean impeller; ensure pump is fully submerged; replace impeller if worn.
Pump stops intermittently.	Overheating (thermal protection); intermittent power supply.	Check for blockages causing overheating; verify stable power supply.

8. SPECIFICATIONS

Detailed technical specifications for the Jebao FA-1500 pump:

- **Model:** FA-1500
- **Maximum Flow Rate:** 350 GPH (Gallons Per Hour)
- **Maximum Head:** 6.25 feet
- **Power:** 18W
- **Voltage:** 120V
- **Current:** 0.26A
- **Frequency:** 60Hz
- **Dimensions (L x W x H):** Approximately 3.75 x 3 x 4 inches
- **Item Weight:** 1.8 pounds
- **Material:** Plastic
- **Style:** Submersible
- **Power Source:** Corded Electric
- **Rotor Type:** Fixed Ceramic Shaft

