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Jebao FA-4000

Jebao Submersible Fountain Pump FA-4000 850gph User Manual

Model: FA-4000 | Brand: Jebao

Introduction

This manual provides essential information for the safe and efficient operation of your Jebao Submersible Fountain Pump, model FA-4000. This pump is designed for various water garden applications, including fountains, waterfalls, hydroponics, and aquaponics systems. It features energy-efficient magnetic drive technology and a durable ceramic shaft rotor for reliable performance.



Image: The Jebao FA-4000 submersible fountain pump, showing its compact design and integrated handle.

Safety Information

WARNING: To avoid serious injury, read and follow all safety instructions.

- Always disconnect the pump from the power supply before handling, cleaning, or performing any maintenance.
- Do not operate the pump if the power cord or plug is damaged.
- Ensure the pump is fully submerged in water during operation to prevent overheating.
- Do not use the pump for purposes other than those specified in this manual.
- Keep children and pets away from the pump and water features during operation.
- This pump is designed for fresh water use only. Do not use with flammable liquids or corrosive chemicals.
- Ensure the electrical outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI).

Setup

Follow these steps to set up your Jebao FA-4000 pump:

1. **Unpack Components:** Carefully remove the pump and all accessories from the packaging. Verify that all parts are present, including the pump unit, power cord, and various barbed hose adapters.



Image: The Jebao FA-4000 pump shown with its power cord, various hose adapters, and the owner's manual.

2. **Attach Hose Adapter:** Select the appropriate barbed hose adapter for your tubing size. Thread the adapter onto the pump's outlet port. Ensure a tight seal to prevent leaks.



Image: The Jebao FA-4000 pump with a barbed hose adapter securely attached to the top outlet.

3. **Connect Tubing:** Connect your flexible tubing to the barbed adapter. Use a hose clamp (not included) for a secure connection, especially for high-pressure applications.
4. **Position the Pump:** Place the pump in the desired location within your pond, fountain, or reservoir. Ensure it rests on a stable, level surface and is fully submerged in water. Avoid placing it directly on the bottom where it might draw in excessive debris.



Image: Front view of the Jebao FA-4000 pump, highlighting the water intake grill and adjustable flow control.

5. **Connect to Power:** Route the power cord safely, avoiding kinks or damage. Plug the pump into a properly grounded GFCI-protected electrical outlet.



Image: Side view of the Jebao FA-4000 pump, showing the power cord exiting the unit.

Operating Instructions

Once the pump is set up and fully submerged:

1. **Power On:** Plug the pump into the electrical outlet. The pump should start immediately, circulating water.
2. **Adjust Flow (if applicable):** Some models may have an adjustable flow control. If present, rotate the dial or lever on the pump's intake to adjust the water flow rate to your desired level.
3. **Monitor Operation:** Observe the pump's operation for the first few minutes to ensure proper water flow and no unusual noises.

Maintenance

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

- **Cleaning the Impeller:**
    a. Disconnect power to the pump.
    b. Remove the pump from the water.
    c. Carefully remove the intake screen/cover to access the impeller chamber.
    d. Remove the impeller and clean it thoroughly with a soft brush and clean water. Remove any debris, algae, or mineral deposits.
    e. Clean the impeller chamber and the ceramic shaft.
    f. Reassemble the impeller and cover, ensuring all parts are securely in place.
- **Check for Blockages:** Periodically inspect the intake screen and tubing for any blockages that may reduce water

flow.

- **Winterization:** In freezing climates, remove the pump from the water before temperatures drop below freezing. Clean the pump thoroughly and store it in a frost-free location.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not start or runs intermittently.	• No power to the pump. • Impeller is jammed by debris. • Damaged power cord or plug.	• Check power connection and GFCI. • Disconnect power, remove impeller cover, and clean impeller. • Do not use. Contact manufacturer for replacement.
Low water flow.	• Clogged intake screen or impeller. • Kinked or blocked tubing. • Water level too low.	• Disconnect power, clean intake screen and impeller. • Inspect and clear tubing. • Add water to ensure pump is fully submerged.
Pump is noisy.	• Impeller is dirty or damaged. • Pump not fully submerged.	• Disconnect power, clean or replace impeller. • Ensure pump is fully submerged.

Specifications

Feature	Detail
Model Number	FA-4000
Max Flow	850 GPH (Gallons Per Hour)
Max Head	8.7 ft
Power	62W, 120V, 1.5A, 60Hz
Dimensions (L x W x H)	5.25 x 3.5 x 5.5 inches
Material	Ceramic (shaft)
Style	Submersible
Included Components	Water pump, hose adapter(s)

Warranty and Support

Jebao products are manufactured to high-quality standards. For warranty information or technical support, please refer to the warranty card included with your product or contact Jebao customer service directly. Keep your purchase receipt as proof of purchase.



Image: Back view of the Jebao FA-4000 pump, showing the product label with model information and warnings.

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