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› Jebao WP-1200 Submersible Fountain Pump User Manual

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Jebao WP-1200 Submersible Fountain Pump User Manual

Model: WP1200

INTRODUCTION

The Jebao WP-1200 is a versatile submersible pump designed for various water applications, including fountains, hydroponic systems, and aquaponics. This energy-efficient pump features a magnetic drive, epoxy encapsulation for full submersion, and built-in flow control. It is engineered for durability, quiet operation, and easy maintenance, providing reliable water circulation for your needs.



Image: The Jebao WP-1200 submersible pump, showcasing its compact design and power cord.

SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the pump. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Always disconnect the pump from the power supply before handling, installing, or performing any maintenance. Ensure the power outlet is a grounded, GFCI-protected receptacle. Do not operate the pump if the power cord or plug is damaged.
- **Submersion:** This pump is designed for full submersion only. Do not operate the pump dry, as this can cause damage and void the warranty.
- **Water Temperature:** Do not use the pump with water temperatures exceeding 95°F (35°C).
- **Placement:** Ensure the pump is placed on a stable surface to prevent it from tipping over. Keep children and pets away from the operating pump and water feature.
- **Cord Management:** Do not lift or carry the pump by its power cord. Route the power cord to prevent tripping hazards and protect it from damage.
- **Intended Use:** Use this pump only for its intended purpose as described in this manual. Do not use it for flammable liquids or in hazardous locations.

SETUP AND INSTALLATION

Follow these steps to properly set up your Jebao WP-1200 pump.

1. **Unpack Components:** Carefully remove the pump and all accessories from the packaging. Verify that all

components are present: the pump unit and hose adapters.



Image: The Jebao WP-1200 pump shown with its power cord and two included hose adapters.

2. **Attach Hose Adapter:** Select the appropriate hose adapter (1/2", 3/4", or 3/8" ID tubing) for your application. Thread the chosen adapter onto the pump's outlet port. Ensure a snug fit to prevent leaks.



Image: A close-up view of the Jebao WP-1200 pump with one of the hose adapters securely attached to the outlet.

3. **Connect Tubing:** Connect your desired tubing to the attached hose adapter. Secure the tubing with a hose clamp if necessary (not included) to prevent it from detaching under water pressure.
4. **Position the Pump:** Place the pump completely submerged in water, ensuring it rests on a stable, level surface. The pump features suction cups on its base for secure mounting to smooth surfaces. Ensure the water level is sufficient to cover the pump at all times during operation.
5. **Route Power Cord:** Route the 6-foot power cord safely to a grounded, GFCI-protected electrical outlet. Avoid kinks or sharp bends in the cord.

OPERATING INSTRUCTIONS

Once the pump is installed and fully submerged, you can begin operation.

- **Power On:** Plug the pump's 3-prong plug into a suitable 110-120V 60Hz grounded, GFCI-protected electrical outlet. The pump will start immediately.
- **Adjust Flow Rate:** The Jebao WP-1200 features a built-in flow control mechanism. Locate the flow adjustment lever or dial on the pump body (if present, typically on the front or side intake). Rotate or slide it to increase or decrease the water flow to your desired level.
- **Monitor Operation:** Observe the pump's operation to ensure proper water flow and no unusual noises. The pump is designed for whisper-quiet operation.

- **Power Off:** To stop the pump, simply unplug it from the electrical outlet.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump. Always disconnect power before performing any maintenance.

1. **Cleaning the Impeller:** Over time, debris can accumulate around the impeller, reducing pump efficiency.
 - Unplug the pump.
 - Remove the front cover/intake screen (usually by twisting or prying gently).
 - Carefully remove the impeller assembly.
 - Clean the impeller and its housing with a soft brush and clean water to remove any algae, mineral deposits, or debris.
 - Reassemble the impeller and cover, ensuring all parts are securely in place.
2. **Cleaning the Intake Screen:** Periodically check and clean the intake screen to prevent blockages. A clogged screen reduces water flow and can strain the pump.
3. **Winterization (if applicable):** If using the pump outdoors in freezing climates, remove the pump from the water before the first freeze. Clean it thoroughly and store it in a dry, frost-free location.

TROUBLESHOOTING

If your pump is not operating as expected, consult the following troubleshooting guide.

Problem	Possible Cause	Solution
Pump does not start or runs intermittently.	No power to the pump. Impeller is jammed with debris. Motor overheating (thermal overload).	Check power connection and GFCI outlet. Disconnect power, clean impeller and housing. Unplug, allow to cool, then restart. Ensure proper submersion.
Reduced water flow.	Clogged intake screen or impeller. Kinked or blocked tubing. Water level too low. Flow control set too low.	Disconnect power, clean intake screen and impeller. Check and clear tubing. Add water to cover the pump. Adjust flow control to a higher setting.
Pump is noisy.	Debris in impeller. Pump not fully submerged. Pump vibrating against hard surface.	Disconnect power, clean impeller. Ensure pump is fully submerged. Adjust pump position or place on a soft mat.

SPECIFICATIONS

Detailed specifications for the Jebao WP-1200 pump.

- **Model:** WP1200
- **Power:** 20 Watts

- **Voltage:** 110-120V, 60Hz
- **Max Flow Rate:** 317 GPH (Gallons Per Hour) / 5.28 GPM (Gallons Per Minute)
- **Max Lifting Height (H-MAX):** 6.6 Feet
- **Dimensions (L x W x H):** 3.5" x 2.0" x 4.5"
- **Cord Length:** 6 FT (US 3-prong plug)
- **Tubing Compatibility:** Fits 1/2", 3/4", 3/8" ID tubing
- **Material:** Plastic
- **Style:** Submersible
- **Included Components:** Water pump, hose adapters



Image: The Jebao WP-1200 pump with its key dimensions (length, width, height) clearly indicated.

Performance Chart (Approximate)

Height (FT)	Flow Rate (GPH)
0 FT	317 GPH
0.7 FT	285 GPH
1.3 FT	256 GPH
2.0 FT	216 GPH
3.3 FT	184 GPH

Height (FT)	Flow Rate (GPH)
4.6 FT	132 GPH
5.6 FT	66 GPH
6.6 FT	0 GPH

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Jebao customer service directly. Refer to the product packaging or the manufacturer's official website for the most current contact details and warranty terms.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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