

## Manuals+

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

manuals.plus /

- › [Jebao](#) /
- › [Jebao APP Pond & Waterfall Pump APP-5000 \(5200GPH\) Instruction Manual](#)

## Jebao APP-5000

# Jebao APP Pond & Waterfall Pump APP-5000 (5200GPH) Instruction Manual

Brand: Jebao | Model: APP-5000

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Jebao APP-5000 Pond & Waterfall Pump. The APP-5000 is a high-performance submersible pump designed for use in fish ponds, fountains, and waterfalls. It features an energy-efficient magnetic drive motor and is built for continuous duty operation. This pump is capable of handling particles up to 6mm in size.



Figure 1: Overview of the Jebao APP-5000 Pond & Waterfall Pump. This image displays the pump's main body, handle, and outlet connection.

## 2. SAFETY INSTRUCTIONS

Read all instructions carefully before installation and operation. 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 performing any maintenance or installation. Ensure the power outlet is a grounded, three-prong receptacle. Do not operate the pump if the power cord or plug is damaged. Do not remove the grounding prong.
- **Submersible Use Only:** This pump is designed for fully submersible operation in water. Do not operate the pump dry.
- **Water Temperature:** Do not use the pump in water exceeding 95°F (35°C).
- **Placement:** Ensure the pump is placed on a stable surface to prevent tipping.
- **Children and Pets:** Keep children and pets away from the pump and pond area during operation and maintenance.
- **Chemicals:** Avoid using the pump with flammable or corrosive liquids.

## 3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Jebao APP-5000 Water Pump

- Hose Adapters (various sizes)

## 4. SETUP INSTRUCTIONS

---

Follow these steps for proper installation of your pump:

1. **Choose Location:** Place the pump in the deepest part of your pond or water feature, ensuring it is fully submerged and rests on a stable, level surface.
2. **Attach Hose Adapter:** Select the appropriate hose adapter for your tubing size (1" ID to 2" ID flexible tubing is supported). Thread the chosen adapter onto the pump's outlet.



Figure 2: Pump outlet with threaded connection. This image shows the pump's threaded discharge port where hose adapters are attached.

3. **Connect Tubing:** Securely attach your pond or waterfall tubing to the hose adapter. Use a hose clamp (not included) for a watertight seal.



Figure 3: Pump with a barb hose adapter installed. This image illustrates how a flexible hose can be connected to the pump's outlet.

4. **Route Power Cord:** Carefully route the 28-foot power cord to a grounded electrical outlet, ensuring it is protected from damage and not a tripping hazard.
5. **Connect to Power:** Once the pump is fully submerged and all connections are secure, plug the 3-prong US plug into a suitable electrical outlet.

## 5. OPERATING INSTRUCTIONS

The Jebao APP-5000 pump is designed for continuous duty operation. Once properly installed and connected to power, the pump will begin to circulate water. It is important to ensure the pump remains fully submerged during operation to prevent overheating and damage.

- **Continuous Operation:** This pump is built to run continuously.
- **Particle Handling:** The pump can effectively pass soft solids and debris up to 6mm in size, reducing the frequency of clogs.

- **Fish Safety:** The pump's design is fish-safe as it does not use oil for lubrication.

## 6. MAINTENANCE

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

1. **Disconnect Power:** Always unplug the pump from the power source before any maintenance.
2. **Clean Intake Screen:** Periodically inspect and clean the pump's intake screen to remove debris such as leaves, algae, or sediment. A clogged intake screen can reduce flow and strain the motor.



Figure 4: Pump intake screen. This image highlights the area where water enters the pump, which should be kept clear of debris.

3. **Impeller Cleaning:** If flow significantly decreases after cleaning the intake screen, the impeller may be obstructed. Disassemble the pump housing (refer to manufacturer's diagrams if available) and carefully clean the impeller and its chamber.
4. **Winterization:** In freezing climates, remove the pump from the pond before temperatures drop below freezing. Clean the pump thoroughly and store it in a frost-free location, submerged in a bucket of water if possible, to keep seals moist.

## 7. TROUBLESHOOTING

Refer to this section for common issues and their resolutions.

Problem	Possible Cause	Solution
Pump does not start	No power; tripped circuit breaker; damaged cord/plug; seized impeller	Check power connection and outlet; reset breaker; inspect cord; clean impeller chamber.
Reduced water flow	Clogged intake screen; obstructed impeller; kinked tubing; insufficient water level	Clean intake screen; clean impeller; check tubing for kinks; ensure pump is fully submerged.
Pump runs but no water flows	Airlock; completely blocked impeller/outlet	Ensure pump is fully submerged and free of air pockets; thoroughly clean impeller and outlet.
Excessive noise/vibration	Debris in impeller; pump not stable	Clean impeller; ensure pump is on a flat, stable surface.

## 8. SPECIFICATIONS

Technical details for the Jebao APP-5000 pump:

- **Model:** APP-5000
- **Flow Rate:** 5200 GPH (Gallons Per Hour)
- **Maximum Head:** 21.3 Feet
- **Power Source:** AC 110V
- **Current:** 2.45A
- **Inlet/Outlet:** 2" MPT (Male Pipe Thread)
- **Hose Fitting Compatibility:** 1" ID to 2" ID Flexible Tubing
- **Dimensions (L x W x H):** 10.5" x 5" x 6"
- **Item Weight:** 10 Pounds
- **Power Cord Length:** 28 feet
- **Certification:** UL Listed
- **Material:** Plastic

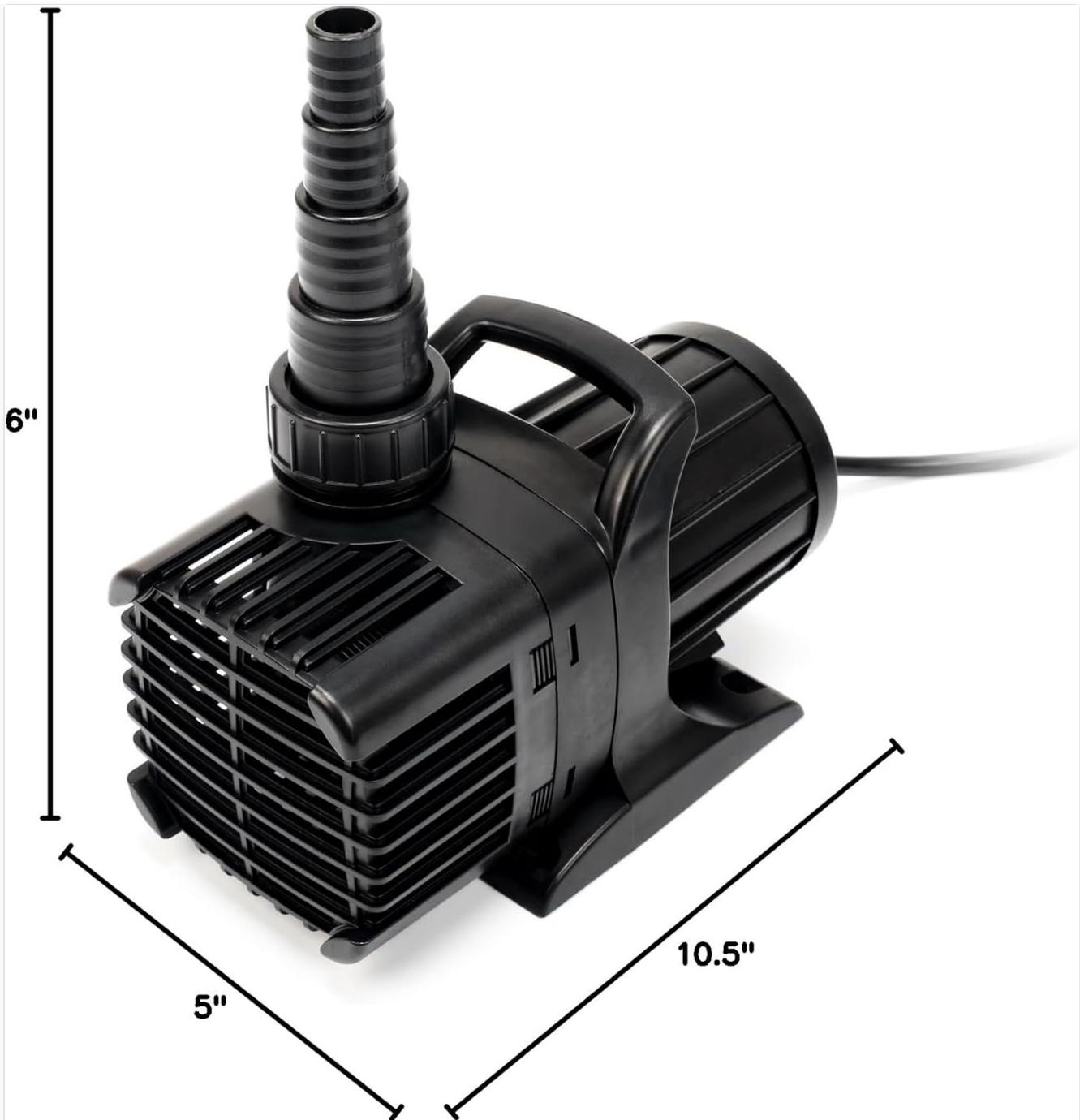


Figure 5: Dimensions of the Jebao APP-5000 pump. This image provides a visual representation of the pump's length, width, and height measurements.

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please contact your retailer or the manufacturer directly. It is recommended to retain your proof of purchase for any warranty claims.

© 2024 Jebao. All rights reserved.

	<p><a href="#">Jebao DC Pump User Manual - DCP Series</a></p> <p>Comprehensive user manual for Jebao DC Pumps (DCP-2500 to DCP-20000), covering features, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Jebao Smart Wave Maker User Manual - Setup, Operation, and Troubleshooting</a></p> <p>Comprehensive user manual for the Jebao Smart Wave Maker (MCP, MLW, MOW SERIES), covering installation, features, app control via Jebao Aqua, various wave modes, troubleshooting, and maintenance. Learn how to set up and operate your Jebao wave maker for optimal aquarium conditions.</p>
	<p><a href="#">Jebao DC Pump Owner's Manual - Models DCP-2500 to DCP-20000</a></p> <p>The Jebao DC Pump Owner's Manual provides comprehensive instructions for the safe operation, installation, maintenance, and troubleshooting of DCP-2500, DCP-3000, DCP-4000, DCP-5000, DCP-6500, DCP-8000, DCP-10000, DCP-15000, DCP-18000, and DCP-20000 models. Learn about features like adjustable flow rate, feed mode, memory function, and automatic power-off protection for both submersible and non-submersible applications in marine and fresh water environments.</p>
	<p><a href="#">Jebao Submersible Pump Owner's Manual</a></p> <p>Owner's manual for Jebao submersible pumps, models PP-355 and PP-377. Provides instructions on operation, safety warnings, and maintenance.</p>
	<p><a href="#">Jebao UV Fountain Pump User Manual</a></p> <p>User manual for Jebao UFP-1000 and UFP-2000 UV fountain pumps, detailing installation, maintenance, troubleshooting, and safety instructions.</p>
	<p><a href="#">Jebao Smart DC Pump User Manual - MDP Series</a></p> <p>Comprehensive user manual for Jebao Smart DC Pumps (MDP Series), covering features, operation, app control, Wi-Fi setup, maintenance, and troubleshooting.</p>