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> [Jebao UFP-2000 All-in-One Pond Filter System User Manual](#)

## Jebao UFP-2000

# Jebao UFP-2000 All-in-One Pond Filter System User Manual

Model: UFP-2000

## 1. INTRODUCTION

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The Jebao UFP-2000 is an integrated pond filtration system designed to maintain clear and healthy water in small to medium-sized ponds. This all-in-one unit combines a pump, a 13W UV clarifier, and a multi-stage filtration system, along with fountain attachments, simplifying pond setup and maintenance.

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Jebao UFP-2000 pond filter system.

## 2. IMPORTANT SAFETY INFORMATION

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- Read all instructions carefully before installation and operation.
- This appliance is for outdoor use only and must be submerged in water during operation.
- Always disconnect the power supply before performing any maintenance, cleaning, or when handling the unit.
- Ensure the power cord and plug are in good condition. Do not operate if damaged.
- The unit must be connected to a grounded outlet. Use a Ground Fault Circuit Interrupter (GFCI) for electrical safety.
- The UV-C lamp emits harmful radiation. Do not operate the UV lamp outside the casing or look directly at the UV light.
- Keep children and pets away from the pond and electrical equipment.
- Do not lift the unit by its power cord.
- Maximum water temperature should not exceed 35°C (95°F).

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before proceeding with installation.

- Jebao UFP-2000 All-in-One Filter Unit with integrated pump and 13W UV Sterilizer
- Coarse filter foam
- Three filter media baskets (pre-filled with bio-media)
- Fountain attachment set (including various nozzles)

- Adjustable splitter for auxiliary water features (e.g., waterfall)
- Power cable (32 feet, US 3-Prong Ground)



Image: Internal components of the UFP-2000, including the pump, UV sterilizer, and biological filter media.





Image: The fountain attachment kit, featuring multiple nozzle types and a flow splitter for diverting water.

## 4. SETUP INSTRUCTIONS

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### 4.1. Unit Placement

The UFP-2000 is designed for submerged operation. Place the unit on a stable, level surface at the bottom of your pond. Ensure it is positioned where it can effectively circulate water and where the fountain (if used) will be visible and not spray water outside the pond.

### 4.2. Filter Media Installation (if not pre-installed)

1. Unclip the four side clips to open the unit.
2. Place the coarse filter foam in the designated compartment.

3. Insert the three filter media baskets into their respective slots.
4. Ensure the pump and UV sterilizer components are securely in place.
5. Close the unit and secure all four clips.



Image: The UFP-2000 with its lid open, revealing the coarse filter foam layer for mechanical filtration.

### 4.3. Fountain Attachment Assembly

1. Attach the desired fountain nozzle to the top of the fountain tube.
2. Connect the fountain tube assembly to the pump outlet on the unit.
3. If using an auxiliary water feature (e.g., waterfall), connect the splitter to the pump outlet and attach the fountain tube to one outlet and your auxiliary tubing (1/2" or 3/4" ID) to the other.
4. Adjust the height of the fountain tube as needed (20"-24" range).



Image: The fully assembled Jebao UFP-2000 unit with the fountain attachment installed, ready for pond placement.

#### 4.4. Electrical Connection

Route the 32-foot power cord safely to a grounded 110-120V 60Hz outdoor electrical outlet protected by a GFCI. Ensure the cord is not pinched or damaged. Do not plug in the unit until it is fully submerged in the pond.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Initial Startup

Once the unit is fully submerged and all connections are secure, plug the power cord into the GFCI-protected outlet. The pump and UV sterilizer will begin operation. Allow several days for the filtration system to establish biological balance and clear the pond water.

### 5.2. Flow Rate Adjustment

If using the splitter for both a fountain and an auxiliary water feature, you can adjust the flow to each outlet using the integrated valves on the splitter. This allows you to control the strength of the fountain and the volume of water diverted to a waterfall or other feature.

## 6. MAINTENANCE

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Regular maintenance is crucial for optimal performance and longevity of your filter system. Always disconnect power before performing any maintenance.

### 6.1. Cleaning Filter Media

1. Disconnect the power supply.
2. Remove the unit from the pond.
3. Unclip the four side clips and open the unit.
4. Remove the coarse filter foam and media baskets.
5. Rinse the filter foam and bio-media thoroughly with pond water (not tap water, as chlorine can harm beneficial bacteria).
6. Clean any debris from the pump impeller and housing.
7. Reassemble the unit, ensuring all components are correctly seated, and secure the clips.

### 6.2. UV Lamp and Quartz Sleeve Maintenance

The 13W UV lamp should be replaced annually for effective algae control. The quartz sleeve should be cleaned periodically to ensure maximum UV light penetration.

1. Disconnect the power supply.
2. Remove the unit from the pond and open it as described in 6.1.
3. Locate the UV lamp housing. Unscrew the single screw securing the UV lamp and quartz sleeve assembly.
4. Carefully remove the UV lamp and quartz sleeve.
5. Clean the quartz sleeve with a soft cloth and warm water to remove any mineral deposits or algae.
6. To replace the UV lamp, gently pull the old lamp from its socket and insert the new 13W UV lamp. Avoid touching the new lamp with bare hands, as oils can reduce its lifespan.
7. Reinsert the quartz sleeve and UV lamp assembly, securing it with the screw.
8. Reassemble the unit.



Image: The underside of the UFP-2000, displaying the product label with model number and electrical specifications, and the power cord connection.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not operating / No water flow	No power supply Impeller blocked by debris Pump motor failure	Check power connection and GFCI. Disconnect power, remove pump, clean impeller and housing. Contact customer support if pump motor fails.
Pond water remains cloudy/green	Filter media is dirty UV lamp is old or not working Pond is overstocked or overfed Unit size insufficient for pond volume	Clean filter foam and bio-media. Replace UV lamp annually. Check UV lamp operation (indicator light). Reduce fish population or feeding. Ensure the UFP-2000 is appropriate for your pond size.
Reduced fountain height/flow	Fountain nozzle or pump intake blocked Flow adjustment valve closed	Disconnect power, clean nozzle and pump intake. Adjust the flow valve on the splitter.

## 8. SPECIFICATIONS

- **Model:** UFP-2000

- **Power Consumption:** 46 watts
- **Max Flow Rate:** 530 GPH (Gallons Per Hour)
- **Max Head:** 8.2 feet
- **UV Sterilizer:** 13 watts
- **Fountain Tube Height:** 20 - 24 inches (adjustable)
- **Outlet Tubing Compatibility:** 1/2 inch, 3/4 inch ID (inside diameter)
- **Power Cable Length:** 32 feet (US 3-Prong Ground)
- **Electrical Requirements:** 110-120V, 60Hz
- **Filter Dimensions (L x W x H):** 14.5 x 12 x 5.25 inches
- **Item Weight:** Approximately 0.01 ounces (*Note: This weight value appears to be an error in the source data.*)
- **Manufacturer:** Jebao
- **EPA Establishment Number:** 97745-CHN-1

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided with your purchase or contact Jebao customer service directly. Keep your purchase receipt as proof of purchase.

Contact information for Jebao can typically be found on their official website or on the product packaging.

