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> Jebao PU-36 Pond and Aquarium Clarifier Instruction Manual

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Jebao PU-36 Pond and Aquarium Clarifier Instruction Manual

Model: PU-36 | Brand: Jebao

1. INTRODUCTION

The Jebao PU-36 Non-submersible Pond and Aquarium Clarifier is designed to maintain clean and clear water in ponds and water gardens. It utilizes a 36-watt UV light bulb to effectively eliminate green water algae and pathogens, contributing to a healthier aquatic environment. This unit is suitable for new or existing pond systems and can be installed either vertically or horizontally.



Image 1: The Jebao PU-36 Pond and Aquarium Clarifier unit.

2. SAFETY INFORMATION

WARNING: UV light can cause damage to eyes and skin. Avoid looking directly at the UV light when the unit is operating. Always wear protective glasses and clothing during use or maintenance. This appliance must be earthed and it is essential that all connections are waterproof. The product is designed to be permanently wired to a mains supply. Ensure the power supply is disconnected before any maintenance or bulb replacement. The clarifier is supplied with 10m of 2-core electrical cable. EPA Establishment Number: 97745-CHN-1.



Image 2: Close-up of the warning label on the clarifier, highlighting safety precautions.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Jebao PU-36 Clarifier Unit
- 36W 2G11 UV Light Bulb (pre-installed)
- Fittings: 3/4", 1", 1-1/4", and 1-1/2" (for pump and tubing connection)
- 22 Ft. weather-resistant transformer with cord
- Owner's Manual



Image 3: All components included with the Jebao PU-36 Clarifier, laid out for inspection.

4. SETUP INSTRUCTIONS

1. **Placement:** Position the clarifier unit in a location that avoids direct sunlight to maximize its lifespan. The unit can be installed either vertically or horizontally.
2. **Connect Tubing:** Select the appropriate fittings (3/4", 1", 1-1/4", or 1-1/2") for your pump and tubing. Securely attach the inlet and outlet tubing to the clarifier. Ensure all connections are watertight.
3. **Electrical Connection:** Connect the clarifier's power cord to the provided 22 Ft. weather-resistant transformer. Plug the transformer into a suitable outdoor-rated electrical outlet. Ensure the outlet is properly earthed.
4. **Initial Operation:** Once all connections are secure and the unit is placed, turn on the power. Water should begin flowing through the clarifier.



Image 4: Side view of the clarifier, showing the inlet and outlet ports for tubing connection.

5. OPERATING INSTRUCTIONS

The Jebao PU-36 Clarifier operates continuously to treat pond or aquarium water. Once powered on, the internal UV lamp will activate, exposing the circulating water to ultraviolet light. This process effectively eliminates single-celled algae and harmful bacteria, leading to clearer and healthier water.

A visual flow indicator is integrated into the unit, allowing you to confirm that water is flowing through the clarifier. Observe this indicator periodically to ensure proper operation.



Image 5: Detail of the visual flow indicator, which confirms water circulation through the unit.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your clarifier.

- **Bulb Replacement:** For peak performance, the 36W 2G11 UV light bulb should be replaced after approximately 8,000 hours of operation (roughly every 6-12 months, depending on continuous use).
- **Cleaning:** Periodically inspect the quartz sleeve (which protects the UV bulb) for mineral deposits or algae buildup. Disconnect power, remove the bulb, and carefully clean the quartz sleeve with a soft cloth and a mild cleaning solution if necessary. Rinse thoroughly before reassembly.
- **Fittings Check:** Ensure all fittings remain secure and free of leaks.



Image 6: The clarifier disassembled, illustrating the quartz sleeve and various fittings for maintenance and cleaning.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Green water persists	UV bulb needs replacement; insufficient flow rate; clarifier undersized for pond volume.	Replace UV bulb (every 6-12 months). Check pump and tubing for blockages. Ensure clarifier is appropriate for your pond size (up to 8,000 gallons).
No light from indicator	Power not connected; faulty bulb; faulty transformer.	Check power connection. Replace UV bulb. Test transformer with another device or replace if faulty.
Water leakage	Loose fittings; damaged O-rings.	Tighten all fittings. Inspect and replace any damaged O-rings.

8. SPECIFICATIONS

Model: PU-36

Power: 36-watt UV light bulb (2G11 type)

Pond Capacity: Up to 8,000 gallons

Fittings: 3/4", 1", 1-1/4", 1-1/2"

Cord Length: 22 Ft. (weather-resistant transformer)

Product Dimensions: 16 x 9 x 5 inches

Item Weight: 6.9 pounds

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Jebao website. Keep your proof of purchase for warranty claims.

