

Jebao ap-399

Jebao AP-399 Submersible Fountain Pump Instruction Manual

Model: AP-399, 264 GPH

PRODUCT OVERVIEW

The Jebao AP-399 Submersible Fountain Pump is designed for use in medium to large fountains, offering efficient water circulation with adjustable flow control. This UL-listed pump is built for durability and quiet operation, making it a convenient choice for various water features.



Image: The Jebao AP-399 pump, showing its compact black body, attached power cord, and included hose adapters.

Key Features

- Ideal for medium to large fountains
- Built-in variable flow control
- 6 ft power cord with US 3-prong plug
- Ideal pumping height: 3-5.6 ft.
- Fits 1/2, 5/8, and 3/4 in. ID tubing (tubing not included)
- Dimensions: 3.5" x 2.8" x 3.2", 12 Watts
- Voltage: 110-120V 60Hz

INSTALLATION GUIDE

1. **Unpack the Pump:** Carefully remove the pump and all accessories from the packaging. Ensure all components

listed in the "Included Components" section are present (water pump, hose adapters).

2. **Choose Tubing:** Select the appropriate ID tubing (1/2, 5/8, or 3/4 inch) for your fountain setup. Tubing is not included.
3. **Attach Hose Adapter:** Securely attach the chosen hose adapter to the pump's outlet.
4. **Connect Tubing:** Connect your fountain tubing to the attached hose adapter. Ensure a snug fit to prevent leaks.
5. **Position the Pump:** Place the pump fully submerged in the water at the bottom of your fountain or water feature. The integrated suction cups on the base can be used to secure the pump to a smooth surface, if desired.
6. **Route Power Cord:** Route the 6-foot power cord safely out of the water and to a grounded electrical outlet.



Image: A side view of the Jebao AP-399 pump, highlighting the water outlet and suction cups on the base.

OPERATION

Once the pump is installed and fully submerged, plug the power cord into a standard 110-120V 60Hz grounded electrical outlet. The pump will begin operating.

Adjusting Water Flow

The Jebao AP-399 features a built-in flow control mechanism. Locate the regulator on the front plate of the pump. Rotate the regulator to increase or decrease the water flow rate according to your fountain's requirements.



Image: The Jebao AP-399 pump, showing the adjustable flow control dial on the front.

CLEANING AND CARE

Regular maintenance is crucial for the longevity and optimal performance of your pump.

1. **Disconnect Power:** Always unplug the pump from the electrical outlet before performing any maintenance.
2. **Remove from Water:** Carefully remove the pump from the fountain.
3. **Disassemble (Refer to Diagram):**
 - **Remove Front Plate:** Gently detach the front plate (regulator) from the pump body.
 - **Access Impeller:** The impeller holder, seal ring, shaft, and impeller will become accessible. Carefully remove these components.
4. **Clean Components:** Rinse all parts (pump body, impeller, shaft, front plate, etc.) with clean water to remove any debris, algae, or mineral buildup. A soft brush can be used for stubborn deposits.
5. **Inspect for Damage:** Check the impeller and shaft for any signs of wear or damage. Replace if necessary.
6. **Reassemble:** Reassemble the pump by reversing the disassembly steps. Ensure the seal ring is properly seated to prevent leaks.
7. **Submerge and Test:** Place the cleaned pump back into the water, ensuring it is fully submerged, and then reconnect power to test operation.

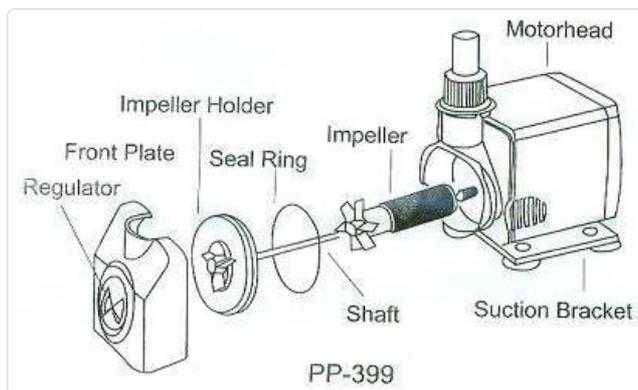


Image: An exploded view diagram illustrating the internal components of the pump, including the motorhead, impeller, shaft, seal

ring, front plate, and regulator.

COMMON ISSUES AND SOLUTIONS

Problem	Possible Cause	Solution
Pump does not run	No power; Impeller jammed; Motor failure	Check power connection and outlet; Disconnect power and clean impeller; Contact customer support if motor failure is suspected
Low water flow	Clogged impeller/intake; Flow control set too low; Insufficient water level	Clean pump and impeller; Adjust flow control to higher setting; Add water to fountain
Pump is noisy	Debris in impeller; Pump not fully submerged; Worn impeller	Clean impeller; Ensure pump is fully submerged; Inspect and replace impeller if worn

TECHNICAL DATA

Feature	Detail
Model	AP-399
Flow Rate	264 GPH (Gallons Per Hour)
Maximum Lifting Height	5.6 Feet
Power Consumption	12 Watts
Voltage	110-120V
Frequency	60Hz
Dimensions (L x W x H)	3.5" x 2.8" x 3.2"
Material	Plastic
Power Cord Length	6 ft
Tubing Compatibility	1/2", 5/8", 3/4" ID (not included)

Performance Curve

- 243 GPH @ 0.7 FT
- 209 GPH @ 1.3 FT
- 179 GPH @ 2.0 FT
- 134 GPH @ 3.3 FT

- 92 GPH @ 4.6 FT
- 0 GPH @ 5.6 FT

PRODUCT SUPPORT

For warranty information or technical support regarding your Jebao AP-399 Submersible Fountain Pump, please refer to the contact information provided with your purchase documentation or visit the official Jebao website.

Please retain your proof of purchase for any warranty claims.