

AquaMiracle HJF-2000PF

AquaMiracle HJF-2000PF All-in-1 Pond Fountain Kit 550GPH
User Manual

1. OVERVIEW

The AquaMiracle HJF-2000PF All-in-1 Pond Fountain Kit is designed to provide comprehensive water management for outdoor ponds ranging from 200 to 500 gallons. This system integrates a powerful 550 GPH pump, a multi-stage filtration system, a color LED light, and a UV clarifier to ensure clear water and aesthetic appeal. It offers three distinct spray patterns for customizable water displays and includes a secondary water outlet for additional features.

2. KEY FEATURES

- **Pond Filter with 3 Spray Patterns:** The 35W pond fountain pump delivers a maximum flow of 550 GPH with an 8 ft head height, suitable for 200-500 gallon ponds. It features an adjustable telescopic spray rod and three interchangeable nozzles (bell, volcano, daisy) for varied water displays and oxygenation.
- **4-Layer Filtration System:** This system includes a coarse sponge for large debris, a fine sponge for smaller particles, ceramic rings for beneficial bacteria growth, and a UV light for green water clarification.
- **LED Light with Remote Control:** An integrated LED light offers customizable color effects, controlled by a remote. Ensure the battery insulation film is removed from the remote before use.
- **Dual Water Output:** In addition to the fountain, a secondary water outlet allows connection to other water features like waterfalls or streams. Note: Avoid using the bell fountain jet when the secondary outlet is active to prevent distortion.
- **Complete Kit:** Includes the 550 GPH fountain pump, 3 spray nozzles, LED unit, UV light, filter media, and all necessary hardware for straightforward setup.

3 Spray Patterns



Bell



Volcano



Daisy

Image: The AquaMiracle pond fountain kit showcasing the main unit and three interchangeable spray nozzles: Bell, Volcano, and Daisy. The telescopic rod allows height adjustment from 5.9 to 10.6 inches. An important note highlights adjusting the trumpet part for optimal bell shape.

Colorful LED with Remote Control



Image: A pond fountain illuminated by colorful LED lights at night, demonstrating various color options. A remote control is shown in the foreground, indicating control over the LED lighting effects.

4-Layer Filtration



Image: An exploded diagram illustrating the four layers of the AquaMiracle filtration system: Layer 1 (Coarse Sponge) for large waste, Layer 2 (Fine Sponge) for fine debris, Layer 3 (Ceramic Rings) for beneficial bacteria, and Layer 4 (U-V Lamp) for clearing green water.

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all parts listed in the product specifications are present.
2. **Assemble Fountain Head:** Attach the telescopic spray rod to the pump unit. Select your desired spray nozzle (Bell, Volcano, or Daisy) and securely attach it to the top of the telescopic rod. If using the Bell nozzle, ensure the trumpet part is adjusted to achieve the desired water shape.
3. **Install Filter Media:** Open the filter housing. Place the coarse sponge, fine sponge, and ceramic rings into their designated compartments within the filter unit. The UV lamp is typically pre-installed.
4. **Connect Secondary Outlet (Optional):** If you plan to use additional water features, connect appropriate tubing to the secondary water outlet on the pump unit. Ensure all connections are secure to prevent leaks.
5. **Prepare LED Remote:** Locate the remote control for the LED light. Remove the clear plastic battery insulation film

from the remote's battery compartment before first use.

6. **Position in Pond:** Place the assembled fountain kit in your pond. Ensure it is submerged and stable. The telescopic rod allows adjustment of the fountain height to suit your pond's depth and desired effect.
7. **Power Connection:** Connect the power cord to a suitable outdoor, ground-fault circuit interrupter (GFCI) protected electrical outlet.

Your browser does not support the video tag.

Video: This video demonstrates the installation process for the AquaMiracle pond fountain kit, including how to assemble the fountain components and connect the LED light.

4. OPERATING INSTRUCTIONS

- **Power On:** Once connected to power, the pump will begin circulating water and operating the fountain.
- **Adjust Fountain Spray:** The telescopic rod allows for height adjustment of the fountain spray. The three included nozzles (Bell, Volcano, Daisy) can be interchanged to create different water patterns.
- **Control LED Light:** Use the provided remote control to turn the LED light on/off, change colors, and adjust lighting effects. Point the remote directly at the LED unit for optimal response.
- **Filtration:** The 4-layer filtration system, including the UV light, operates continuously when the pump is running, helping to maintain clear and healthy pond water.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your AquaMiracle pond fountain kit. The frequency of cleaning will depend on pond size, fish load, and environmental conditions.

Cleaning the Filter System:

1. **Disconnect Power:** Always unplug the unit from the power source before performing any maintenance.
2. **Remove Unit:** Carefully remove the entire unit from the pond.
3. **Open Filter Housing:** Unclip the latches on the side of the unit to open the filter housing.
4. **Clean Sponges:** Remove the coarse and fine sponges. Rinse them thoroughly with pond water (not tap water, as chlorine can harm beneficial bacteria) to remove accumulated debris. Replace if heavily degraded.
5. **Clean Ceramic Rings:** Gently rinse the ceramic rings with pond water to remove sludge. Avoid aggressive cleaning to preserve beneficial bacteria.
6. **Inspect UV Lamp:** Visually inspect the UV lamp for any damage or excessive fouling. If the water clarity is not improving, the UV lamp may need replacement. Refer to the specifications for the correct replacement lamp type.
7. **Clean Pump Impeller:** Access the pump impeller chamber and remove any debris that may be obstructing the impeller. This ensures optimal water flow.
8. **Reassemble:** Reassemble all components in reverse order, ensuring all clips are securely fastened and the filter housing is properly sealed.
9. **Reposition and Reconnect Power:** Place the unit back in the pond and reconnect to the power source.



Images: Left: Coarse blue and fine yellow filter sponges. Right: White ceramic filter rings, essential components of the 4-layer filtration system.

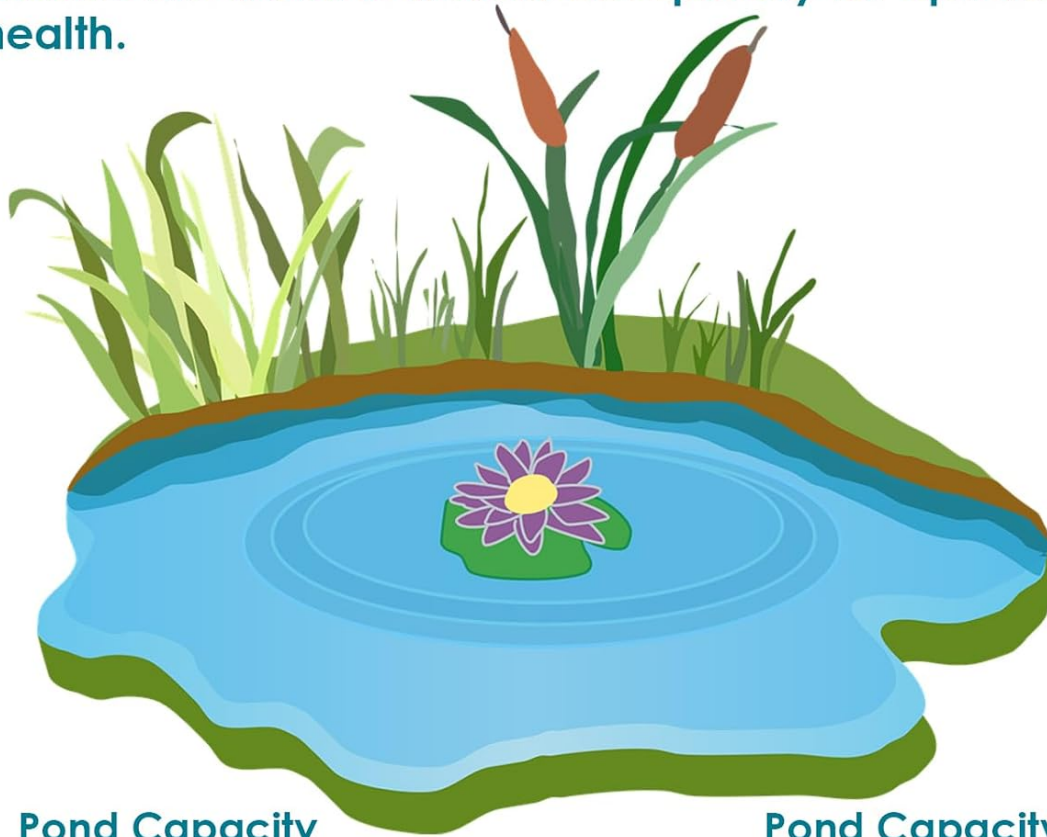
6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not running / No water flow	No power; Impeller clogged; Pump damaged.	Check power connection and GFCI outlet. Disconnect power, remove pump, and clean impeller. If still not working, contact support.
Weak fountain spray	Nozzle clogged; Filter media dirty; Water level too low.	Clean nozzle and pump impeller. Clean or replace filter media. Ensure adequate water level in the pond.
LED light not working / Remote unresponsive	Remote battery insulation film still present; Remote battery dead; LED unit faulty.	Remove battery insulation film from remote. Replace remote battery. Ensure LED unit is properly connected.
Bell fountain shape distorted	Trumpet part height incorrect.	Adjust the height of the trumpet part on the telescopic rod until the desired bell shape is achieved.
Pond water remains green	UV lamp ineffective/faulty; Filter media saturated; Pond size exceeds capacity.	Check UV lamp operation and replace if necessary. Clean or replace filter media. Ensure the kit is appropriate for your pond size (200-500 gallons).

7. SPECIFICATIONS

Choose the Right Model

To ensure maximum effectiveness, the filter should be able to process your pond's water volume at least once an hour. This ensures the water is filtered adequately for optimal clarity and health.



Pond Capacity
200-500Gal

550GPH

Pond Capacity
500-750Gal

850GPH

Image: A detailed diagram showing the dimensions and key specifications of the AquaMiracle pond fountain kit, including pump specs, UV lamp wattage, and overall unit measurements.

Brand: AquaMiracle

Model Number: HJF-2000PF

Power Source: Corded Electric

Voltage: 120 volts

Pump Wattage: 35 watts

Maximum Flow Rate: 550 GPH (33.33 liters per minute)

Maximum Lifting Height: 8 feet

UV Lamp Wattage: 8 watts

Product Dimensions (L x W x H): 11.8" x 9.2" x 5.5" (30cm x 23.5cm x 14cm)

Item Weight: 3.1 kg

Material: Copper, Steel, Rubber, ABS

Included Components: Pond Fountain Pump, 3 Spray Nozzles, LED Light, UV Light, Filter Media, Connectors

Recommended Pond Capacity: 200-500 Gallons

8. WARRANTY & SUPPORT

This AquaMiracle product comes with a **1-Year Manufacturer Warranty**. For warranty claims, technical assistance, or any questions regarding the product, please contact AquaMiracle customer support directly. Refer to the product packaging or the official AquaMiracle website for current contact information.

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