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> AquaMiracle HJF-3000PF All-in-1 Pond Fountain Kit User Manual

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Model: HJF-3000PF

1. PRODUCT OVERVIEW

The AquaMiracle HJF-3000PF All-in-1 Pond Fountain Kit is designed to provide comprehensive water management for outdoor ponds. This system integrates a powerful pump, multi-stage filtration, adjustable fountain spray patterns, and an LED lighting system with UV clarification to maintain clear and healthy pond water.

This kit is suitable for ponds ranging from 500 to 750 gallons, delivering a maximum flow of 850 GPH and a maximum head height of 9 feet.



All-in-one Pond Filter Pump Pond Fountain Kit



3 Spray
Patterns



Color-changing
LED Light



U - V
Light



Multi-layer
Filtration



Image: Overview of the AquaMiracle All-in-1 Pond Fountain Kit components and features.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- 850 GPH Fountain Pump
- 3 Interchangeable Spray Nozzles (Bell, Volcano, Daisy)

- LED Light Unit with Remote Control
- UV Light
- Filter Media (Coarse Sponge, Fine Sponge, Ceramic Rings)
- All necessary hardware and connectors

Product Specifications

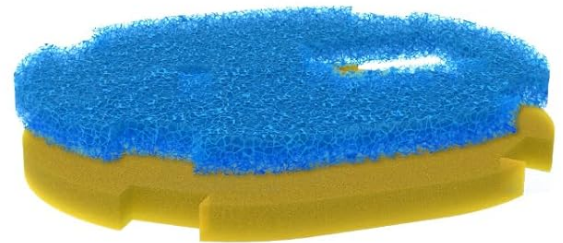
Pump Specs:

120V 60Hz 40 Watts

Max Flow 850GPH

Max Head Height 9ft

U - V Lamp 8 Watts



10ft (3m)



Image: All components included in the AquaMiracle Pond Fountain Kit.

3. SETUP INSTRUCTIONS

3.1 Assembling the Fountain Kit and LED

1. Attach the threaded connector to the pump outlet. Ensure the washer is properly seated for a watertight seal.
2. Connect the T-connector to the threaded connector. This allows for both fountain and secondary water outlet functions.
3. Assemble the telescopic tube by connecting the two sections. Use the bell fountain jet to help install the telescopic

tube by gently pushing and twisting.

4. Slide the LED light unit onto the telescopic tube. Ensure the cable is not pinched.
5. Attach the desired spray nozzle (Bell, Volcano, or Daisy) to the top of the telescopic tube.

Your browser does not support the video tag.

Video: Detailed assembly instructions for the AquaMiracle Pond Fountain Kit, including the fountain and LED components.

3.2 Installing the Diverter for Side Flow (Optional)

If you wish to use the secondary water outlet for a waterfall or other water feature:

1. Remove the plug from the side outlet of the T-connector.
2. Insert the hose adapter into the side outlet. Ensure the washer is in place for a secure connection.
3. Connect your desired tubing to the hose adapter.

Note: Avoid using the Bell fountain jet when connected to the secondary outlet, as this may distort the bell shape.



Fountain Water Outlet



Secondary Outlet
for outdoor features



Both Outlets are
connected at the same time

Image: Diagram illustrating the use of the secondary water outlet for additional water features.

3.3 Placing the Unit in the Pond

Once assembled, carefully place the entire unit into your pond. Ensure it is stable and submerged. The telescopic rod allows for adjustment to suit various pond depths.

Turns Your Pond into Crystal Clear

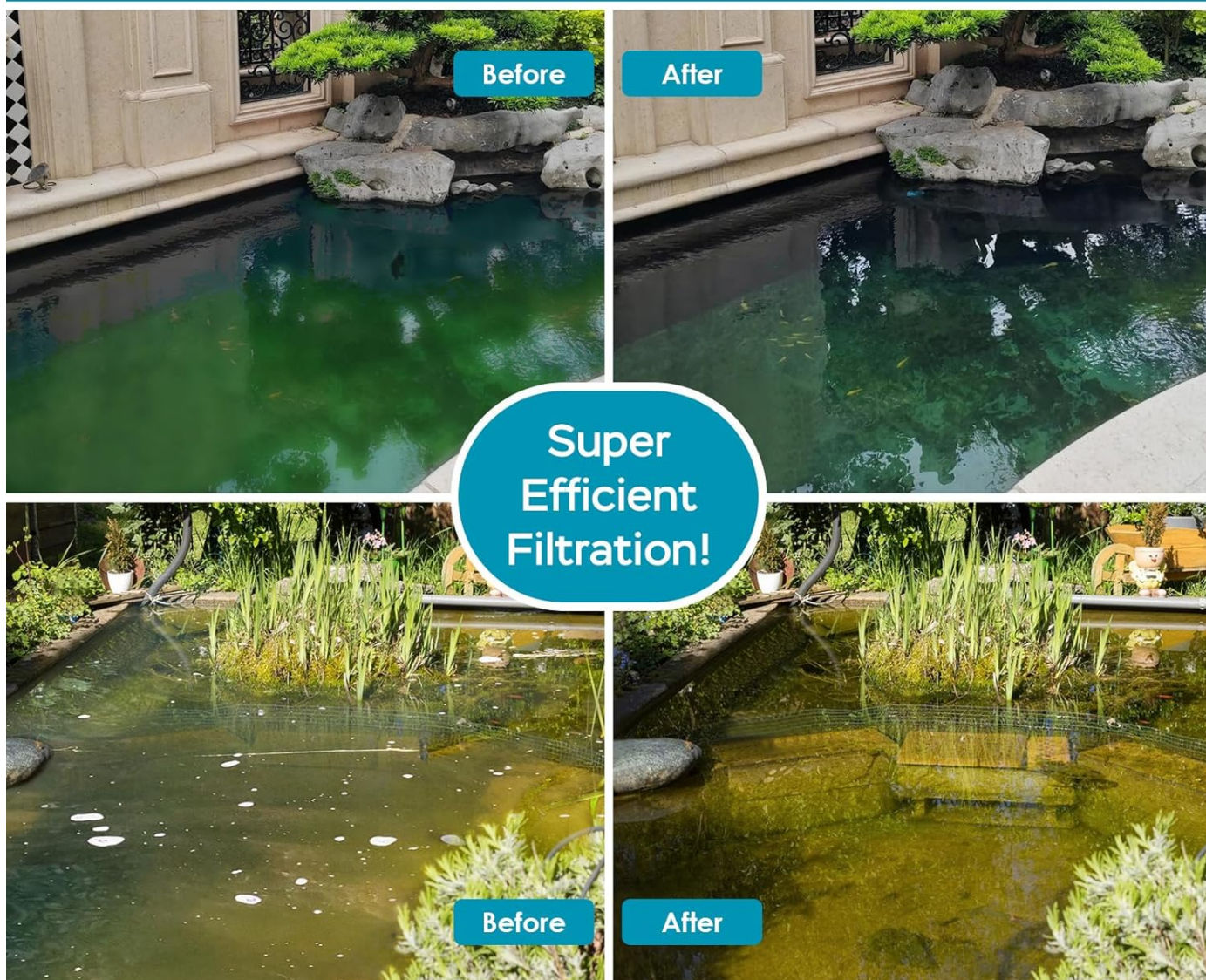


Image: The AquaMiracle Pond Fountain Kit installed in an outdoor pond, showcasing the fountain spray.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Fountain Operation

Connect the pump to a suitable power outlet. The pump will immediately begin circulating water and operating the chosen fountain spray pattern. The 850 GPH flow rate is designed for 500-750 gallon ponds.

3 Spray Patterns



Bell



Volcano



Daisy

Image: The AquaMiracle Pond Fountain Kit demonstrating its three spray patterns: Bell, Volcano, and Daisy.

4.2 LED Light Control

The integrated LED light unit can be controlled using the provided remote control. Remember to remove the battery insulation film from the remote before first use.

- Use the remote to turn the LED lights ON/OFF.
- Adjust colors and lighting effects as desired.

Colorful LED with Remote Control



Image: The AquaMiracle Pond Fountain Kit with its colorful LED lighting and remote control.

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Video: A demonstration of the AquaMiracle Pond Fountain Kit's LED lights changing colors at night.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AquaMiracle Pond Fountain Kit.

5.1 Filtration System

The 4-layer filtration system includes:

- **Layer 1: Coarse Sponge** - Traps leaves and large debris.
- **Layer 2: Fine Sponge** - Captures smaller particles.
- **Layer 3: Ceramic Rings** - Provides surface area for beneficial bacteria to break down waste.

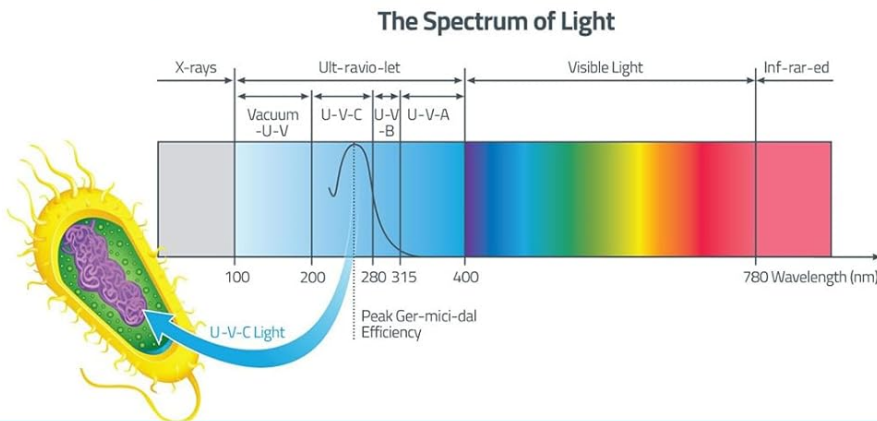
- **Layer 4: UV Light** - Effectively clears green water by inhibiting algae growth.

4-Layer Filtration



Image: Exploded view diagram of the 4-layer filtration system, showing each component.

U-V Lamp Clarifies Green Water



254nm Wavelength - The Most Efficient Spectrum

254nm is the most effective wavelength to break D-N-A of algae to stop it from reproduction

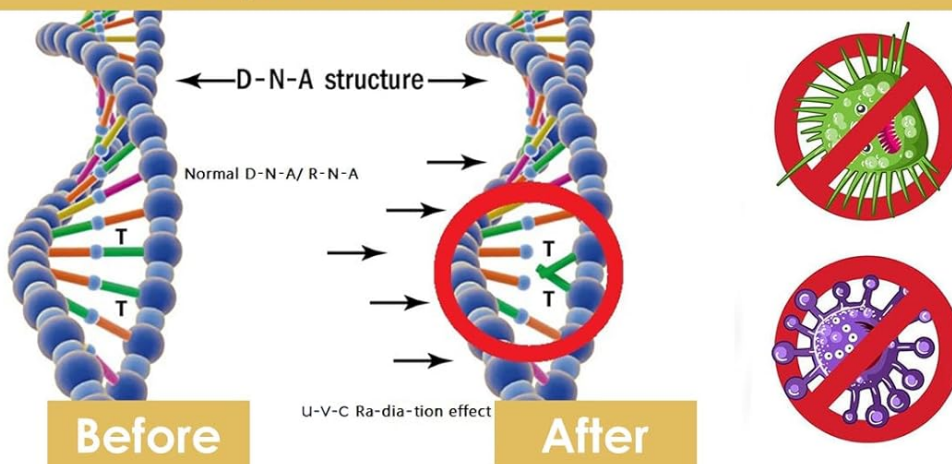


Image: Diagram explaining how the UV light clarifies green water by affecting algae DNA.

5.2 Cleaning the Filter Media

Periodically remove and clean the coarse and fine sponges. Rinse them with pond water to avoid killing beneficial bacteria. Replace ceramic rings as needed, typically every 6-12 months, or when they show signs of degradation.



Image: The AquaMiracle pond filter system, showing the filter media inside.

5.3 UV Lamp Replacement

The UV lamp has a limited lifespan and should be replaced annually to maintain its effectiveness in controlling green water. Refer to the product specifications for the correct replacement lamp type (8 Watts).

6. TROUBLESHOOTING

- **No water flow or weak flow:**
 - Check if the pump is properly submerged and powered on.
 - Inspect the pump intake for blockages (debris, algae).
 - Clean the filter media if clogged.
 - Ensure all connections are secure and there are no leaks.
- **Pond water remains green:**
 - Verify the UV light is functioning (a faint blue glow may be visible).
 - Replace the UV lamp if it's old or not emitting light.
 - Ensure proper water circulation through the filter system.
 - Check pond size suitability (this model is for 500-750 gallons).
- **LED lights not working:**
 - Check the power connection to the LED unit.
 - Ensure the remote control battery insulation film is removed.
 - Replace the remote control battery if necessary.

7. SPECIFICATIONS

Feature	Detail
Brand	AquaMiracle
Model Number	HJF-3000PF
Power Source	Corded Electric
Voltage	120 Volts
Wattage	40 Watts
Maximum Flow Rate	850 GPH (50 Liters Per Minute)
Maximum Lifting Height	9 Feet
UV Lamp Wattage	8 Watts
Recommended Pond Size	500-750 Gallons
Product Dimensions	11.8"L x 9.2"W x 5.5"H
Item Weight	3.1 Kilograms
Material	Copper, Steel, Rubber, ABS

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.

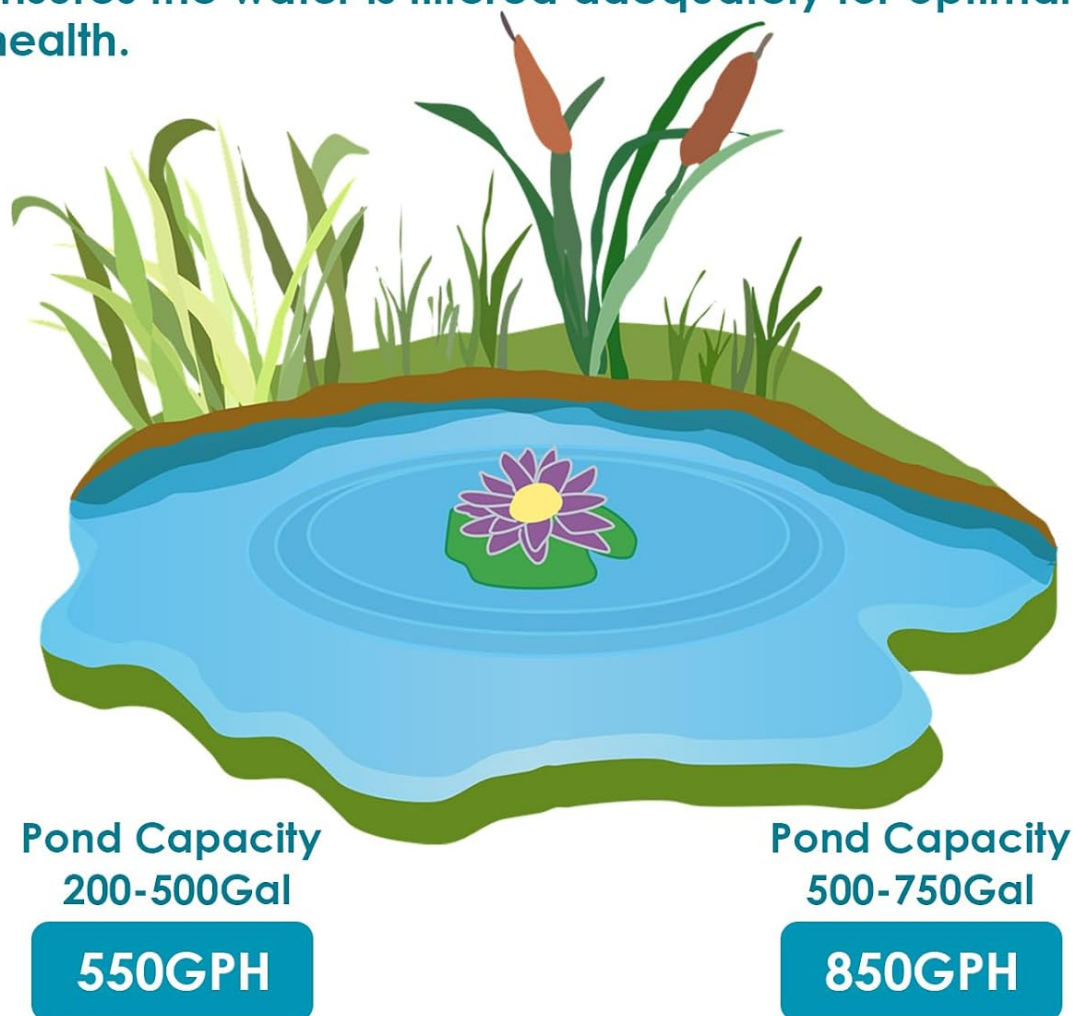


Image: Diagram showing key product specifications and dimensions.

8. WARRANTY AND SUPPORT

This AquaMiracle product comes with a **1 Year Manufacturer Warranty**. For warranty claims or technical support, please contact AquaMiracle customer service through the retailer where the product was purchased or visit the official AquaMiracle website.

For additional information and products, visit the [AquaMiracle Store](#).

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