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› DOMICA 15W 220 GPH Submersible Fountain Pump with LED Light (800L/H) Instruction Manual

## DOMICA DM-15LED

# DOMICA 15W 220 GPH Submersible Fountain Pump with LED Light (800L/H) Instruction Manual

Model: DM-15LED

## INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your DOMICA 15W 220 GPH Submersible Fountain Pump with LED Light. Please read this manual thoroughly before use and retain it for future reference.

## PRODUCT FEATURES

- **Integrated LED Light:** Features 12 energy-saving LED light beads with 4 automatic color changes (red, blue, green, yellow) for decorative water feature lighting.
- **Fountain Head with Umbrella Nozzle:** Easy-to-install components create a beautiful umbrella water pattern. The diameter of the water pattern can be adjusted by rotating the nozzle.
- **Adjustable Flow Rate:** Equipped with an adjusting knob to control water flow, with a maximum flow rate of 220 GPH (800 L/H). Can elevate water up to 5 ft (1.5 M).
- **Easy to Use and Clean:** Designed for tool-free detachment, making separation and cleaning simple. Plug-and-play operation for quick water draining.
- **Compact Size:** Pump dimensions are 2.9" x 2.0" x 2.5". Fountain spray head length is 9.2".
- **Ultra-Quiet Operation:** Reliable and durable motor designed to produce minimal noise, ensuring a quiet environment.
- **Fully Submersible Design:** Must be completely submerged in water. Features 4 suction cups for secure horizontal or vertical installation.
- **Long Power Cord:** Includes an 8.2 ft (2.5 M) waterproof power cord.

## SPECIFICATIONS

| Specification | Value    |
|---------------|----------|
| Brand         | DOMICA   |
| Model Number  | DM-15LED |

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Power Source                   | AC 110-120V/60Hz                            |
| Power Consumption              | 15W                                         |
| Maximum Flow Rate              | 220 GPH (800 L/H) / 3.66 Gallons Per Minute |
| Maximum Lifting Height         | 5 ft (1.5 M)                                |
| Product Dimensions (L x W x H) | 2.9" x 2.0" x 2.5"                          |
| Fountain Spray Head Length     | 9.2"                                        |
| Power Cord Length              | 8.2 ft (2.5 M)                              |
| Material                       | Plastic                                     |
| Item Weight                    | 300 Grams                                   |

## Safety Instructions

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- Always disconnect the power supply before handling, installing, or performing maintenance on the pump.
- The pump must be fully submerged in water during operation to prevent overheating and damage.
- Ensure the power cord is not damaged or pinched. Do not operate the pump with a damaged cord or plug.
- This pump is designed for water features, hydroponics, gardens, ponds, aquariums, and fish tanks. Do not use it for purposes other than those specified.
- Keep out of reach of children and pets.
- The maximum liquid temperature for use is 35°C (95°F).
- Do not lift the pump by its power cord.

## Setup

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1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components are present and undamaged.
2. **Assemble Fountain Head:** Attach the fountain pole and umbrella nozzle to the pump outlet. Ensure a secure fit.
3. **Adjust Fountain Shape (Optional):** To adjust the fountain shape, twist the pump flow rate knob anticlockwise to increase flow. For a fuller umbrella pattern, rotate the fountain head top piece to adjust the gap. A smaller gap results in a bigger diameter umbrella pattern.
4. **Position the Pump:** Place the pump in your desired water feature (pond, aquarium, fountain). Use the four suction cups on the bottom of the pump to secure it to a clean, smooth surface, either horizontally or vertically.
5. **Submerge Completely:** Ensure the pump is fully submerged in water. The water inlet must be completely covered by water.
6. **Connect Power:** Plug the power cord into a suitable electrical outlet.

# How to adjust the fountain shape?

*Larger water flow + Smaller top piece gap = Fuller fountain shape*

1. Twist the pump flow rate knob anticlockwise



2. Use a towel to rotate the fountain head top piece to adjust the gap



*Smaller top piece gap = Fuller fountain shape*



3. Install the pump and fully submerge it in water



*Pump should be 100% submersible when in use.*

Image: Instructions for adjusting fountain shape and ensuring full submergence.

## Size

*Pump Size: 2.9x2.0x2.5in*

*Fountain: 9.2in*

*Q-max: 220 GPH*

*H-max: 4.9FT*

*Power: 15W*



Image: Visual representation of pump dimensions and the importance of full submergence.

## OPERATING INSTRUCTIONS

1. **Power On:** Once the pump is fully submerged and plugged in, it will begin operating.
2. **Adjust Water Flow:** Locate the adjusting knob on the pump. Rotate it clockwise to reduce the water flow and anticlockwise to increase the water flow. Adjust to achieve your desired water effect.
3. **LED Light Operation:** The integrated LED lights will automatically cycle through 4 colors (red, blue, green, yellow) when the pump is operating. The colors are not adjustable manually.
4. **Power Off:** To stop the pump, simply unplug it from the electrical outlet.



**Strong Suction Cup**  
for Easy Installation

## **Adjustable Water Flow Rate**

Max Water Flow Rate: 220 GPH (830L/H)

Max Lift: 4.9 ft (1.5 M)

(Clockwise to reduce flow,  
Anticlockwise to increase flow.)



Max Flow (  $\leq 220$  GPH ) ,    Min Flow (  $\geq 0$  GPH ) .

Image: How to adjust the water flow rate on the pump.



Image: Details of the automatic color-changing LED light and power cord.

## MAINTENANCE

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

1. **Disconnect Power:** Always unplug the pump before any maintenance.
2. **Disassembly:** The pump is designed for tool-free disassembly. Gently separate the components, including the back cover, casing, nozzle, shaft, impeller kits, sealing parts, strainer, LED light, fountain pole, and fountain head.
3. **Cleaning:** Clean all parts with clean water and a soft brush or cloth. Pay special attention to the impeller and its housing to remove any debris, algae, or mineral buildup that may impede performance.
4. **Reassembly:** Reassemble the pump components in reverse order, ensuring all parts are correctly seated and sealed.

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- Detachable & Cleanable:**  
No need any tools to detach it, easy to seperate, easy to clean.
- |    |               |
|----|---------------|
| 1  | Back cover    |
| 2  | Suction Disk  |
| 3  | Casing        |
| 4  | Nozzle        |
| 4  | Shaft         |
| 6  | Impeller Kits |
| 7  | Sealing Parts |
| 8  | Strainer      |
| 9  | Led Light     |
| 10 | Fountain pole |
| 11 | Fountain head |

## TROUBLESHOOTING

| Problem                    | Possible Cause                                                                                   | Solution                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Pump does not operate      | Not plugged in; circuit breaker tripped; impeller jammed; insufficient water level.              | Ensure pump is plugged in; check circuit breaker; clean impeller and housing; ensure pump is fully submerged.                         |
| Weak water flow or no flow | Clogged intake or impeller; flow rate knob set too low; insufficient water level; kinked tubing. | Clean intake and impeller; adjust flow rate knob to increase flow; add water to ensure full submergence; check and straighten tubing. |

|                        |                                                                                     |                                                                                                      |
|------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Pump is noisy          | Impeller obstructed; pump not fully submerged; pump vibrating against hard surface. | Clean impeller; ensure pump is fully submerged; reposition pump to avoid contact with hard surfaces. |
| LED lights not working | Power issue; LED unit damaged.                                                      | Check power connection; if pump works but lights don't, contact customer support.                    |

## WARRANTY AND SUPPORT

DOMICA products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided at the point of purchase or visit the official DOMICA website. Please have your model number (DM-15LED) and purchase date available when contacting support.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question