DR-DC160

Generic USB Pet Water Dispenser Pump Instruction Manual

MODEL**: DR-DC160**

Introduction

Thank you for choosing the Generic USB Pet Water Dispenser Pump, Model DR-DC160. This submersible pump is designed to provide a continuous flow of fresh water for your pet's fountain, ensuring their hydration and well-being. This manual provides essential information for the proper setup, operation, and maintenance of your new pump.

Important: Before purchasing or installing, please verify the original water pump label and size to ensure compatibility. This pump is specifically designed for pet water dispensers and should not be used for other purposes.

Image: The Generic USB Pet Water Dispenser Pump, Model DR-DC160, featuring its compact blue design, USB power cable, and integrated LED light.

Product Features

- **Ultra-Quiet Operation:** Engineered for low noise output (below 40dB), ensuring a peaceful environment for both pets and owners.

- **Low Power Consumption:** Operates efficiently at 1.5W, minimizing energy usage.

- **Long Service Life:** Designed for durability with a working lifespan exceeding 20,000 hours.

- **Waterproof Design:** IP68 rated for complete submersion and reliable performance in water.

- **USB Powered:** Features a DC 5V USB plug for versatile power options, compatible with portable chargers, computers, and standard USB power adapters.

- **Secure Installation:** Equipped with 4 strong suction cups for stable placement within the water fountain.

- **Integrated LED Light:** Provides visibility and can indicate operation.

Ultra Silent (<40dB)	**Long Life Span (>20,000h)**	**1.5W Low Consumption**	**4 Strong Suction Cups**

Image: Visual representation of the pump's key features: ultra-silent operation, long lifespan, low power consumption, and strong suction cups.

Setup Instructions

1. **Unpack the Pump:** Carefully remove the pump from its packaging.

2. **Prepare the Fountain:** Ensure your pet water fountain is clean and ready for pump installation.

3. **Install the Pump:** Place the pump at the bottom of the water fountain's reservoir. The 4 strong suction cups on the base of the pump will help secure it firmly in place. Press down gently to ensure good adhesion.

4 Strong Suction Cups for Easy Installation

Image: The underside of the pump highlighting the four strong suction cups designed for secure and easy installation within the fountain.

4. **Connect to Fountain Tubing:** Attach the fountain's water tubing to the pump's outlet nozzle.

5. **Fill with Water:** Fill the pet water fountain with clean water to the recommended level, ensuring the pump is fully submerged.

6. **Connect Power:** Plug the USB cable into a compatible 5V/1A USB power adapter (not included), a portable charger, or a computer USB port.

Compatibility Note: This pump is designed to be compatible with various pet water fountains. Refer to the images for examples of compatible fountain types.

Compatible with the Following Pet Fountains

Image: The DR-DC160 pump displayed alongside two common pet water fountain designs, illustrating its broad compatibility.

Operating Instructions

Once the pump is properly installed and connected to a 5V/1A USB power source, it will begin operating automatically, circulating water through your pet fountain. The integrated LED light will illuminate, indicating that the pump is active.

- **Water Level:** Always ensure the water level in the fountain is sufficient to keep the pump fully submerged. Operating the pump without adequate water can cause damage.
- **Power Source:** Use only a 5V/1A USB power adapter. Using an adapter with higher voltage can damage the pump and void any potential warranty.

Whisper Qeiet

IP68 Waterproof Submersible

1.5W Low Consumption

5V DC USB

Long-life Span (>20,000h Working Time)

Image: The pump actively circulating water within a pet fountain, demonstrating its function and the visible LED indicator.

Maintenance and Cleaning

Regular cleaning is crucial to maintain the pump's efficiency and extend its lifespan. It is recommended to clean the pump every two weeks.

1. **Disconnect Power:** Always unplug the pump from the power source before cleaning.

2. **Remove from Fountain:** Take the pump out of the water fountain.

3. **Disassemble the Pump:**
   - Remove the pump cover.
   - Gently remove the impeller cap.
   - Extract the impeller.

Clean the Pump Every 2 Weeks

Image: A visual guide demonstrating how to disassemble the pump into its main components (pump cover, impeller cap, impeller) for thorough cleaning.

4. **Clean Components:** Rinse all parts (pump body, cover, impeller, impeller cap) under running water. Use a small brush (not included) to remove any debris, hair, or mineral deposits from the impeller and inside the pump housing.

5. **Reassemble:** Carefully reassemble the pump, ensuring all parts fit securely.

6. **Reinstall:** Place the cleaned pump back into the fountain and reconnect the power.

Troubleshooting

Problem	Possible Cause	Solution
Pump not working / No water flow	No power; Impeller blocked; Insufficient water level.	Check USB power connection; Clean the pump and impeller; Ensure pump is fully submerged.
Reduced water flow	Pump or impeller dirty; Water tubing kinked or blocked.	Clean the pump and impeller thoroughly; Check and clear water tubing.

Problem	Possible Cause	Solution
Pump is noisy	Impeller dirty or damaged; Insufficient water level; Pump not securely placed.	Clean the impeller; Ensure pump is fully submerged; Re-secure pump with suction cups.
LED light not working	LED malfunction; Power issue.	Check power connection; If pump functions but LED does not, contact support.

Specifications

Feature	Detail
Model	DR-DC160
Power Source	DC 5V USB (Corded Electric)
Power Consumption	1.5W
Waterproof Rating	IP68
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	4.6 ounces (approx. 130g)
Cable Length	5.9 feet (approx. 1.8 meters)
Dimensions (L x W x H)	Approx. 4.39 cm x 2.89 cm x 4.19 cm (excluding nozzle)

Image: The physical dimensions of the pump, providing a clear understanding of its size for compatibility assessment.

Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your original pet water fountain or contact the seller directly. Ensure you have your purchase details and the pump model number (DR-DC160) available when seeking assistance.