

[Manuals.plus](#) /

› [Unicliffe](#) /

› Unicliffe Aquarium DC Quiet Return Pump with Controller - Instruction Manual

Unicliffe Unicliffe-UL204-1

Unicliffe Aquarium DC Quiet Return Pump with Controller

Brand: Unicliffe | Model: Unicliffe-UL204-1

PRODUCT OVERVIEW

The Unicliffe Aquarium DC Quiet Return Pump with Controller is a versatile and efficient water pump designed for various aquatic applications, including fish tanks, ponds, fountains, and sumps. It offers both submersible and inline operation, a wide range of adjustable flow rates, and intelligent features like feeding mode and memory function to ensure optimal water circulation and convenience.

KEY FEATURES

- **Submersible/Inline Use:** Can be fully submerged in water or used externally. For external use, ensure the pump is primed with water.
- **High Efficiency:** Dimensions: 7" L x 3.1" W x 4.3" H; Output voltage: DC 24 V; Power: 35 W; Max flow rate: 1052 GPH; Max lift: 11.5 ft. Ideal for 50 - 125 gallon fish tanks, ponds, fountains or sumps.
- **Adjustable Flow Rate:** Short press on "+" or "-" button to customize the optimal flow rate with 99 different speed settings. The display range will change between 1 and 100.
- **Feeding Feature:** Press "F" button to enter feeding function. It will stop for 10 minutes and then restart automatically. This function is essential for feeding fish without causing disturbance.
- **Memory Function:** Press On/Pause button to turn on/off the pump. It will return to the last setting and restore to the previous working status quickly when starting it.

PACKAGE CONTENTS

Please ensure all components are present and in good condition upon unboxing:

- Unicliffe DC Return Pump
- Digital Controller
- Power Adapter
- Power Cord
- Hose Barb Fittings (various sizes)

- Gasket



Image: All components included in the Uniclife pump package.

SETUP INSTRUCTIONS

1. **Choose Installation Method:** The pump can be used either fully submerged in water (submersible) or outside the water (inline).
 - *Submersible Use:* Place the pump directly into the fish tank, pond, or sump where it will be fully immersed.
 - *Inline Use:* Connect appropriate plumbing to the pump's inlet and outlet. Ensure the pump is filled with water (primed) before starting to prevent dry running.
2. **Attach Fittings:** Select the correct hose barb fitting for your tubing size and securely attach it to the pump's outlet. Ensure a tight seal to prevent leaks.
3. **Connect Controller:** Plug the pump's cable into the designated port on the digital controller.
4. **Connect Power:** Plug the power adapter into the controller, then plug the power cord into the adapter and a suitable electrical outlet.



Image: The Uniclife DC pump connected to its digital controller.

OPERATING INSTRUCTIONS

Controller Functions

The digital controller allows for precise control over the pump's operation:

- **Power On/Off (On/Pause Button):** Press the power button (usually marked with a circle and vertical line) to turn the pump on or off.
- **Adjust Flow Rate (+/- Buttons):** Use the '+' and '-' buttons to increase or decrease the water flow. There are 99 adjustable speed settings, providing fine-tuned control for your specific needs. The digital display will show the current speed setting.
- **Feeding Mode (F Button):** Press the 'F' (Feed) button to activate the feeding mode. The pump will pause operation for 10 minutes, allowing fish to feed undisturbed, and then automatically resume its previous setting.
- **Memory Function:** The pump's controller is equipped with a memory function. When the pump is turned off and then restarted, it will automatically recall and resume operation at the last set flow rate.



Image: Close-up of the digital controller showing the display and control buttons.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Uniclife pump. It is recommended to clean the pump every 1-3 months, depending on water conditions and usage.

1. **Disconnect Power:** Always unplug the pump from the power outlet before performing any maintenance.
2. **Remove Pump from Water/Plumbing:** Carefully remove the pump from its installation location.
3. **Disassemble the Pump:** Gently remove the front intake cover. The impeller assembly can then be carefully pulled out from the pump body.
4. **Clean Components:** Rinse the impeller, impeller housing, and pump body with clean water. Use a soft brush or cloth to remove any accumulated debris, algae, or mineral deposits. Ensure the impeller spins freely.
5. **Reassemble:** Carefully reinsert the impeller assembly into the pump body, ensuring it is properly seated. Reattach the front intake cover securely.
6. **Test:** Reconnect the pump to power and test its operation.



Image: Side view of the Uniclife DC pump, showing the intake and outlet areas for maintenance access.

TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump not starting	No power; Loose connections; Impeller jammed	Check power outlet and connections. Ensure pump cable is securely plugged into controller. Disconnect power and check impeller for obstructions.
Reduced flow or weak output	Clogged intake/impeller; Incorrect speed setting; Air in system (inline use)	Clean intake screen and impeller. Increase speed setting using '+' button. For inline use, ensure pump is fully primed and free of air pockets.
Unusual noise or vibration	Debris in impeller; Impeller not seated correctly; Dry running	Disconnect power and clean impeller. Ensure impeller is properly reassembled. Verify pump is fully submerged or primed if used inline.
Controller display not working	Power issue; Controller malfunction	Check all power connections. If problem persists, contact customer support.

PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Unicliffe
Model Number	Unicliffe-UL204-1
Product Dimensions	7"L x 3.1"W x 4.33"H
Power Source	Corded Electric
Voltage	24 Volts (DC)
Maximum Flow Rate	1052 GPH (17.53 Gallons Per Minute)
Maximum Lifting Height	11.5 Feet
Material	Ceramic
Item Weight	3.8 Pounds
Style	Submersible
UPC	712383632210

WARRANTY AND SUPPORT

Unicliffe products are manufactured to high-quality standards. For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official Unicliffe website. Please retain your proof of purchase for warranty claims.

© 2023 Unicliffe. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B073XLGNS3>

More documents and user manuals: <https://manuals.plus/>