

Tunze 6040.000

Tunze Turbelle Nanostream 6040 DC Controllable Pump

INSTRUCTION MANUAL

Brand: Tunze | Model: 6040.000

1. Introduction

Thank you for choosing the Tunze Turbelle Nanostream 6040 DC Controllable Pump. This compact and powerful pump is designed to create optimal water movement in aquariums up to 120 gallons, ensuring a healthy environment for your aquatic inhabitants. Its controllable DC motor and included controller allow for precise adjustment of flow patterns and intensity.

2. Safety Instructions

- Always disconnect the power supply before performing any maintenance or handling the pump.
- Ensure your hands are dry before plugging in or unplugging the power supply.
- The pump is designed for submersible use only. Do not operate it dry.
- Do not modify the pump or its components. Use only original Tunze parts.
- Keep the power cord and controller away from water.
- This product is intended for aquarium use only.

3. Package Contents

Verify that all the following components are included in your package:

- Tunze Turbelle Nanostream 6040 DC Pump
- Controller 7090
- Magnet Mount
- Power Supply Unit

4. Setup

Follow these steps to set up your Tunze Turbelle Nanostream 6040 pump:

1. **Mounting the Pump:** Position the pump inside your aquarium at the desired location. Use the included magnet mount to secure the pump to the aquarium glass. Ensure the outer magnet is placed directly opposite the inner magnet on the exterior of the glass. The pump can be discreetly concealed behind rockwork.
2. **Connecting the Controller:** Connect the pump's cable to the designated port on the Controller 7090.
3. **Connecting the Power Supply:** Plug the power supply unit into the controller, then plug the power supply into a suitable electrical outlet.
4. **Initial Placement:** For optimal water flow, place the pump in an area that allows for maximum circulation without disturbing the substrate excessively.



Image: Tunze Turbelle Nanostream 6040 DC Controllable Pump, showing the pump unit, controller, and magnet mount. The controller features adjustment knobs for various settings.

5. Operating the Pump

The Controller 7090 provides versatile control over your Nanostream 6040 pump:

- **Adjusting Flow:** The controller features knobs to adjust the maximum speed, minimum speed, and the interval between

these two settings. This allows for fine-tuning of water flow to suit your aquarium's needs.

- **Operating Modes:** The controller supports various modes, including constant flow, pulse mode (simulating natural wave action), and other functions for creating specific water movement patterns. Refer to the controller's specific instructions for detailed mode selection and programming.
- **Feeding Mode:** A dedicated feed timer button allows you to temporarily pause the pump for feeding, preventing food from being immediately drawn into filtration.

Experiment with the settings to find the ideal flow for your aquarium's inhabitants and aquascape.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pump:

- **Cleaning:** Periodically remove the pump from the aquarium (after disconnecting power) and gently clean the impeller and pump housing. Use a soft brush to remove any algae, detritus, or calcium buildup. Do not use harsh chemicals.
- **Impeller Inspection:** Check the impeller for any signs of wear or damage. A worn impeller can lead to increased noise or reduced performance.
- **Cable Inspection:** Regularly inspect the power cable and connections for any signs of damage or fraying.
- **Magnet Mount:** Ensure the magnet mount is clean and free of debris to maintain a secure grip on the aquarium glass.

7. Troubleshooting

Problem	Possible Cause	Solution
Pump not running	No power; disconnected cable; impeller jammed.	Check power connection; ensure cables are securely plugged in; clean impeller.
Reduced flow	Impeller clogged; pump needs cleaning; incorrect controller setting.	Clean pump and impeller; adjust controller settings.
Excessive noise	Impeller dirty or damaged; air trapped in pump; improper mounting.	Clean or replace impeller; gently shake pump to release air; re-position pump securely.

If you continue to experience issues, please contact Tunze customer support.

8. Specifications



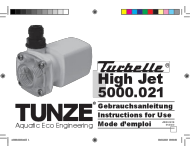


Feature	Detail
Model Number	6040.000
Item Weight	1.65 pounds (0.75 kg)
Product Dimensions (LxWxH)	2.5 x 2.5 x 3.7 inches (6.35 x 6.35 x 9.4 cm)
Material	Plastic
Color	Black
Manufacturer	Tunze USA LLC

Feature	Detail
Suitable for Aquariums	Up to 120-Gallon

9. Warranty and Support

Tunze products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Tunze website. For technical support or assistance with your Tunze Turbelle Nanostream 6040, please contact Tunze customer service through their official channels. You can find more information and contact details on the [Tunze Store on Amazon](#).

Related Documents - 6040.000

	<p>TUNZE Turbelle stream Aquarium Pumps - Instructions for Use & Technical Specifications</p> <p>This document provides instructions for use, technical specifications, and safety information for TUNZE Turbelle stream aquarium pumps, including models 6065, 6085, 6125, 6105 eco, and 6255 eco, along with the TUNZE HUB Controller 7020.</p>
	<p>TUNZE ORCA MK2, Turbelle nanostream, Turbelle stream - Aquarium Circulation Pumps User Manual</p> <p>Comprehensive user manual for TUNZE ORCA MK2, Turbelle nanostream, and Turbelle stream aquarium circulation pumps. Includes safety instructions, product features, technical specifications, installation guides, and troubleshooting.</p>
	<p>TUNZE Turbelle High Jet 5000.021 Pump - User Manual and Technical Specifications</p> <p>Comprehensive instructions for the TUNZE Turbelle High Jet 5000.021 circulation and dosing pump, covering setup, operation, safety, maintenance, and technical data.</p>
	<p>TUNZE SmartController 7000.001 Instructions for Use</p> <p>User manual and technical specifications for the TUNZE SmartController 7000.001, an aquarium controller for managing devices and monitoring parameters like temperature, pH, and redox. Includes setup, functions, maintenance, and warranty information.</p>
	<p>TUNZE DOC Skimmer 9430 DC User Manual and Technical Guide</p> <p>This document provides comprehensive instructions for the TUNZE DOC Skimmer 9430 DC, covering its features, installation, operation, maintenance, safety guidelines, and technical specifications for saltwater aquariums.</p>



[TUNZE CarbonDoser 7077.200: Instructions for Use and Setup](#)

Comprehensive guide for the TUNZE CarbonDoser 7077.200, covering installation, operation, safety, parts, warranty, and disposal for aquarium CO2 dosing.