

Knifel 200GPH

Knifel 200GPH Submersible Water Pump User Manual

Model: 200GPH

Brand: Knifel

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Knifel 200GPH Submersible Water Pump. Designed for various water circulation needs, this ultra-quiet pump is suitable for fish tanks, ponds, aquariums, statuary, and hydroponic systems. Please read these instructions thoroughly before use.

SAFETY INSTRUCTIONS

- Always disconnect the power supply before handling, installing, or performing maintenance on the pump.
- Ensure the pump is fully submerged in water during operation to prevent dry burning and damage.
- Do not operate the pump with a damaged cord or plug. If damaged, contact qualified personnel for repair or replacement.
- This pump is designed for water only. Do not use it for flammable liquids or other corrosive substances.
- Keep children and pets away from the pump and water feature during operation.
- Ensure the electrical outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not lift the pump by its power cord.

PACKAGE CONTENTS

- 1 x Knifel 200GPH Submersible Water Pump
- Various outlet nozzles (1/3", 1/2")
- Suction cups (pre-attached or separate)

SPECIFICATIONS

Feature	Detail
Brand	Knifel
Model	200GPH
Max Flow Rate	200 GPH (750 L/H)
Max Lift Height	5.2 ft
Power	16W
Voltage	110 Volts (AC)
Material	Plastic
Product Dimensions	2"L x 2.44"W x 2.75"H
Item Weight	8 ounces
Features	Ultra-Quiet, Flow Control, Detachable & Cleanable, Dry Burning Protection

SETUP INSTRUCTIONS

- Unpack and Inspect:** Carefully remove the pump and all accessories from the packaging. Inspect for any signs of damage.
- Attach Nozzle:** Select the appropriate outlet nozzle (1/3" or 1/2") based on your tubing size and screw it onto the pump's outlet.

ULTRA-QUIET OPERATION

PROVIDE COMFORT AND QUIET ENVIRONMENT FOR YOUR WORK AND LIFE



Image: The pump comes with two different sized nozzles (1/3" and 1/2") to accommodate various tubing diameters for your specific application.

- 3. Positioning:** Place the pump in the desired location within your water feature (fish tank, pond, etc.). Ensure it is fully submerged in water. The pump is equipped with four strong rubber suction cups on its base for secure placement on smooth surfaces, preventing movement and absorbing shock.



Image: The underside of the pump highlighting the four robust suction cups designed for stable and secure placement.

4. **Connect Power:** Plug the power cord into a properly grounded electrical outlet. Ensure the outlet is protected by a GFCI for safety.

OPERATING INSTRUCTIONS

Once the pump is properly set up and fully submerged, connect it to power. The pump will begin circulating water immediately.

- **Water Flow Control:** The Knifel 200GPH pump features an adjustable knob to control the water flow rate. Locate the knob on the side of the pump and rotate it to increase or decrease the flow as needed for your specific application.

ADJUSTABLE WATER FLOW RATE



Max Flow Rate:
200GPH



Max Lift:
5.2ft



Waterproof
Ipx8

5.2ft



Image: A visual representation of the pump's adjustable water flow rate, indicating maximum flow of 200 GPH and a maximum lift of 5.2 ft.

- **Continuous Operation:** The pump is designed for continuous operation as long as it remains fully submerged. Its ultra-quiet design ensures minimal disturbance.

Note: No official seller videos were available for embedding. Please refer to the text instructions for operation details.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pump. It is recommended to clean the pump every two weeks, or more frequently depending on the water quality and environment.

1. **Disconnect Power:** Always unplug the pump from the power source before cleaning.
2. **Disassemble:** The pump is designed for easy disassembly without tools. Gently detach the front cover to access the impeller and filter.

Service life up to 3 years

The pure copper rotor life is 1 year longer than ordinary rotor.

3
YEARS



Other Rotor



Our Rotor

Image: An internal view of the pump highlighting the pure copper rotor, which contributes to its extended service life of up to 3 years.

- Clean Components:** Rinse all components (impeller, filter, and pump housing interior) under clean water to remove any debris, algae, or mineral buildup. A soft brush may be used for stubborn deposits.
- Reassemble:** Once clean, reassemble the pump components, ensuring all parts fit securely.
- Re-submerge:** Place the pump back into the water feature, ensuring it is fully submerged before reconnecting power.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not operating	No power; clogged impeller; dry burning protection activated.	Check power connection/GFCI. Clean impeller and filter. Ensure pump is fully submerged.
Reduced water flow	Clogged filter/impeller; flow control knob set too low; kinked tubing.	Clean filter and impeller. Adjust flow control knob. Check tubing for obstructions.
Excessive noise/vibration	Debris in impeller; pump not stable; low water level.	Clean impeller. Secure pump with suction cups. Ensure adequate water level.

APPLICATIONS

The Knifel 200GPH Submersible Water Pump is versatile and can be used in a variety of settings:

- **Aquariums:** Circulates and aerates water, creating a healthier environment for fish.
- **Fountains:** Powers decorative water features and statuary.
- **Ponds:** Maintains water circulation and aeration in small to medium-sized ponds.
- **Hydroponic Systems:** Provides essential water circulation for plant growth.



Image: A visual collage demonstrating the wide range of applications for the Knifel submersible pump, including hydroponic setups, garden ponds, aquariums, and decorative fountains.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Knifel website or contact the retailer where you purchased the product. Keep your purchase receipt for warranty claims.