

NPET WF020TP-PP02

NPET Replacement Pump User Manual

Model: WF020TP-PP02

Compatible with NPET WF050/WF020TP Pet Water Fountains

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your NPET Replacement Pump. This pump is specifically designed to be compatible with NPET WF050 and WF020TP pet water fountains, ensuring your pet always has access to fresh, circulating water.

2. KEY FEATURES

- **Compatible Design:** Specifically engineered for NPET WF050 and WF020TP pet water fountains.
- **Upgraded Anti-Clog Motor:** Features a faster rotation speed and an improved design to effectively catch impurities and prevent clogging from hair or debris, ensuring smooth operation even with algae growth.
- **Ultra-Quiet Operation:** Designed for low noise output, making it almost inaudible in a quiet household.
- **Low Power Consumption:** Energy-efficient design for long-term, cost-effective operation.
- **Easy Installation:** Equipped with a 6.5ft long power cord and three strong suction cups for secure and straightforward placement.
- **Simple Maintenance:** Easily disassembles for thorough cleaning, prolonging the pump's lifespan.

3. PRODUCT OVERVIEW



Figure 3.1: NPET Replacement Pump



Figure 3.2: Exploded View of Pump Components (Pump, Impeller, Sponge, Pump Cover)

The NPET Replacement Pump is a compact, submersible unit designed to circulate water within your pet fountain. It consists of a main pump body, an impeller, a sponge filter, and a pump cover. The pump features a long power cord and suction cups for stable placement.



Figure 3.3: New Version vs. Old Version (Both types may be shipped randomly)

4. COMPATIBILITY

This replacement pump is fully compatible with the following NPET pet water fountain models:

- NPET WF050 Pet Water Fountain
- NPET WF020TP Pet Water Fountain

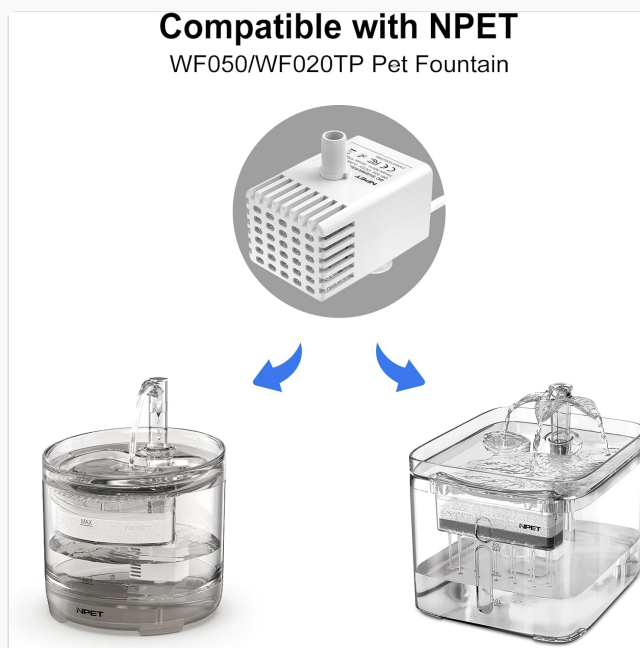


Figure 4.1: Compatible NPET Pet Fountains

5. INSTALLATION

Follow these steps to install the replacement pump into your NPET pet water fountain:

1. Ensure your pet fountain is unplugged and empty of water.
2. Remove the old pump from the fountain, if applicable.
3. Place the new NPET replacement pump into the designated pump compartment at the bottom of your

fountain.

4. Press down firmly on the pump to engage the three suction cups, securing it to the bottom of the fountain reservoir.
5. Route the power cord through the designated channel in the fountain base.
6. Assemble the rest of your fountain components (e.g., filter tray, top cover).
7. Fill the fountain with clean water to the appropriate level.
8. Plug the pump's USB connector into a compatible USB power adapter (not included) and then into a power outlet.



Figure 5.1: Easy Installation with Suction Cups

6. OPERATION

Once installed and powered, the pump will begin circulating water through your pet fountain. The upgraded anti-clog motor is designed to operate smoothly and quietly, providing a continuous flow of fresh water for your pet.

Anti-clog Motor

Not easily stuck with hair or impurities

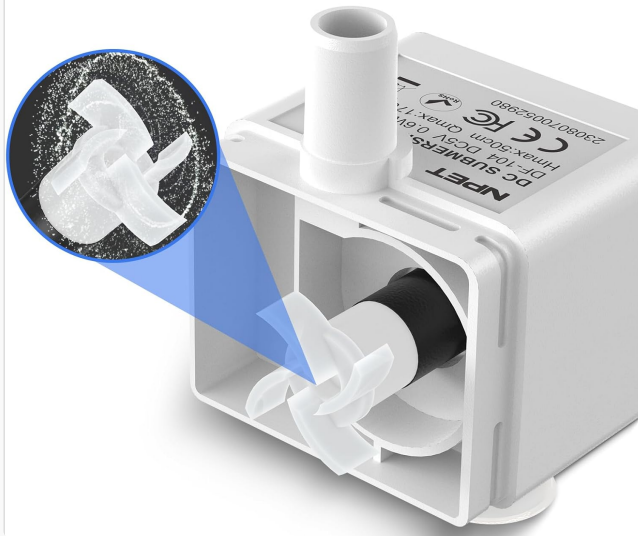


Figure 6.1: Anti-Clog Motor Design

The pump's quiet operation (below 30 dB) ensures it will not disturb your household or your pet.

7. MAINTENANCE

Regular cleaning of the pump is crucial to ensure its longevity and optimal performance. Please clean the pump at least once a week.

Pump Cleaning Steps:

1. Unplug the fountain and empty all water.
2. Remove the pump from the fountain.
3. **Remove the small sponge:** Gently pull out the sponge filter from the pump cover.
4. **Remove the pump cover:** Detach the pump cover from the main pump body.
5. **Remove the impeller:** Carefully pull out the impeller (the small fan-like component) from its housing.
6. **Clean all parts:** Use a small brush (often included with fountains or available separately) and clean water to thoroughly clean the sponge, pump cover, impeller, and the inside of the pump housing. Pay special attention to removing any hair, debris, or mineral buildup.
7. Rinse all components thoroughly.
8. Reassemble the pump by reversing the steps: insert the impeller, attach the pump cover, and reinsert the sponge.
9. Place the cleaned pump back into the fountain.

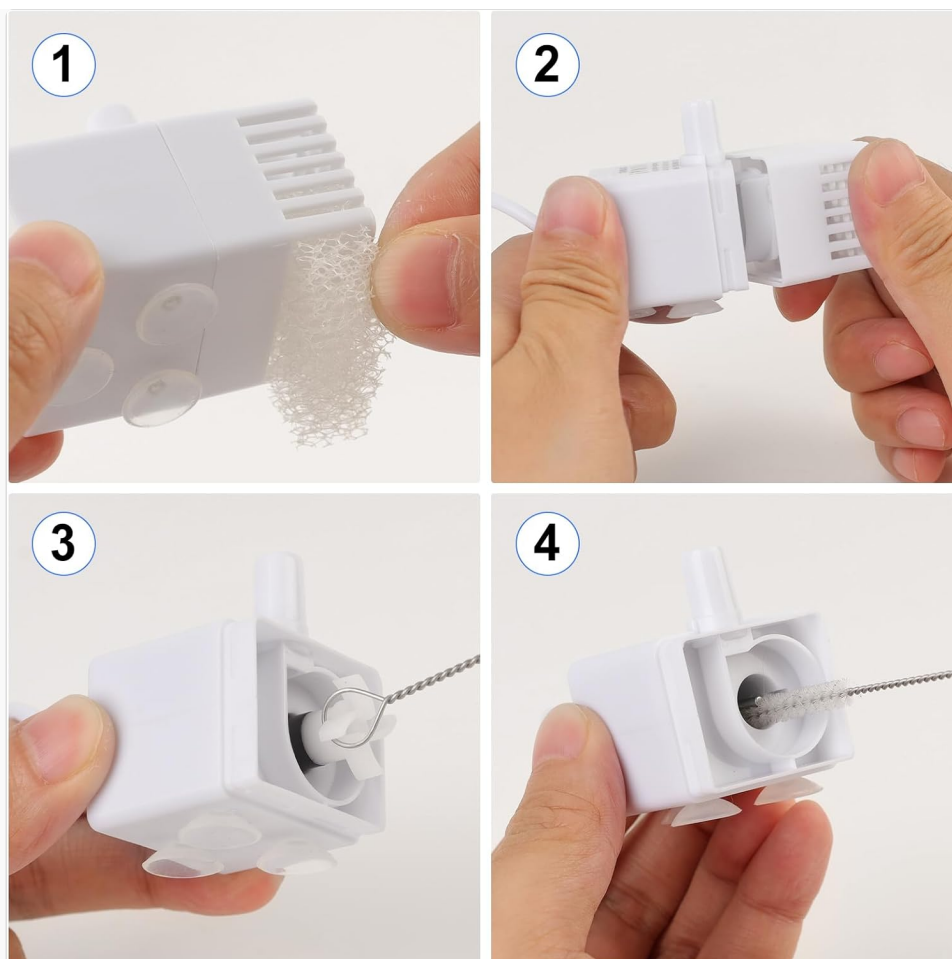


Figure 7.1: Pump Cleaning Steps

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not working	No power; Impeller clogged; Water level too low	Check power connection; Clean pump and impeller (refer to Maintenance); Ensure water level is above MIN mark.
Weak water flow	Pump or filter clogged; Mineral buildup	Clean pump, impeller, and sponge filter thoroughly; Descale pump if mineral buildup is present.
Pump is noisy	Impeller obstructed; Low water level; Pump not seated correctly	Clean impeller and pump housing; Add water to the fountain; Ensure pump is securely attached with suction cups.
Water not circulating	Pump not running; Obstruction in fountain's water channels	Refer to 'Pump not working' solutions; Check and clean all water channels in the fountain.

9. SPECIFICATIONS

Attribute	Value
Brand	NPET

Attribute	Value
Model Name	WF020TP-PP
Item Model Number	WF020TP-PP02
Color	White
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Corded Electric
Voltage	5 Volts
Item Weight	0.1 Kilograms (3.52 ounces)
Product Dimensions (LxWxH)	2.2 x 1.5 x 1.2 inches (5.5 x 3.7 x 3 cm)
Power Cord Length	6.5 ft (197 cm)
Specific Uses For Product	Indoor Pet Water Fountains
Included Components	Pump

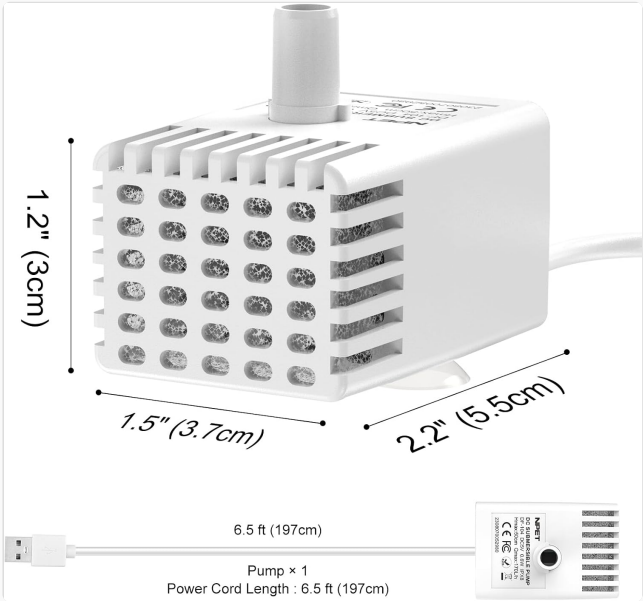


Figure 9.1: Product Dimensions

10. WARRANTY & SUPPORT

This NPET Replacement Pump comes with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. For warranty claims, technical support, or any questions regarding your NPET product, please contact NPET customer service through the retailer's platform or the official NPET website. Please have your purchase receipt and product model number (WF020TP-PP02) ready when contacting support.

