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› UPETTOOLS Electric Aquarium Gravel Cleaner (Model: 14857080) Instruction Manual

UPETTOOLS 14857080

UPETTOOLS Electric Aquarium Gravel Cleaner Instruction Manual

Model: 14857080

1. PRODUCT OVERVIEW

The UPETTOOLS Electric Aquarium Gravel Cleaner is a multi-functional device designed for comprehensive aquarium maintenance. It integrates six key functions: water changing, sand washing, debris removal, water filtration, water showering, and flow control. This cleaner is suitable for both freshwater and saltwater aquariums of various depths. Equipped with a 110V/28W motor, it delivers a maximum flow rate of 1700 liters per hour (L/H), capable of draining a 180-gallon (681L) tank in approximately 30 minutes. An adjustable flow valve allows for precise control over suction strength.

2. SAFETY INFORMATION

- Always ensure the pump is fully submerged in water before powering it on. Operating the pump dry can cause damage.
- Verify that the power socket has electricity and all electrical connections are secure before use.
- Do not attempt to disassemble the motor unit while it is connected to power or submerged in water.
- Keep the device out of reach of children and pets.
- Inspect the power cord and plug for any damage before each use. Do not use if damaged.
- Unplug the device from the power outlet when not in use, during assembly, disassembly, or maintenance.

3. PACKAGE CONTENTS

Please verify that all the following parts are included in your package:

- 1x Electric Fish Tank Cleaner (Main Unit with Water Pump)
- 4x Extension Tubes
- 1x Sand Washer Head

- 1x Washing Sand Head
- 1x Filter Bag
- 1x Duckbill Shape Suction Nozzle
- 1x Low Suction Base
- 1x Cleaning Brush
- 1x 5.2ft Water Pipe (Hose)
- 1x Elbow Shower Head
- 1x Power Switch
- 4x Suction Cups
- 1x User Manual



Figure 3.1: Exploded view of the gravel cleaner components.

4. ASSEMBLY INSTRUCTIONS

Assemble the gravel cleaner according to your desired function and tank depth. The telescopic cleaning tube extends from 23.6 inches (60 cm) to 37.7 inches (96 cm) to accommodate water depths from 13.7 inches (35 cm) to 47.2 inches (120 cm).

1. **Connect Extension Tubes:** Attach the required number of extension tubes to the main pump unit to achieve the appropriate length for your aquarium depth. Ensure they are securely locked.
2. **Attach Desired Head:** Select the appropriate cleaning head (e.g., sand washer, duckbill suction, cleaning brush) and attach it to the end of the extension tube.
3. **Connect Water Pipe:** Attach the 5.2ft water pipe (hose) to the outlet of the pump unit. For water changes, direct the other end into a bucket or drain. For water showering, attach the elbow shower head.
4. **Install Filter Bag (if applicable):** For debris removal and filtration, attach the filter bag to the designated outlet on the pump unit.
5. **Secure Power Connection:** Connect the power switch to the main unit and then to the power cable.

Multiple cleaning modes

More comprehensive modes

Multi-functional water change cleaning
Brush and suction at the same time to remove fish debris at once



Pumping+Suction

Simultaneous pumping and suctioning



Sandstone Cleaning

Quickly cleans sand and gravel and sucks up fish poop residue



Brush/Wash Tanks

Brush and suction, cleaner



Turtle Rain Shower

Ultra-low water level with adjustable rain shower pattern



Suction Base

The fish sucked it all up, and there was a lot of water in the tank.



Head Scrubber

Suitable for cleaning pebble type stones

Figure 4.1: Assembled unit and various attachments.

5. OPERATING INSTRUCTIONS

General Operation

1. Ensure the cleaner is correctly assembled for your task.
2. Place the pump unit fully into the aquarium water. The pump must be completely submerged before powering on.
3. Plug the power cable into a 110V electrical outlet.
4. Turn on the power switch.
5. Adjust the flow valve if necessary to control suction strength.
6. After use, turn off the power switch and unplug the device.

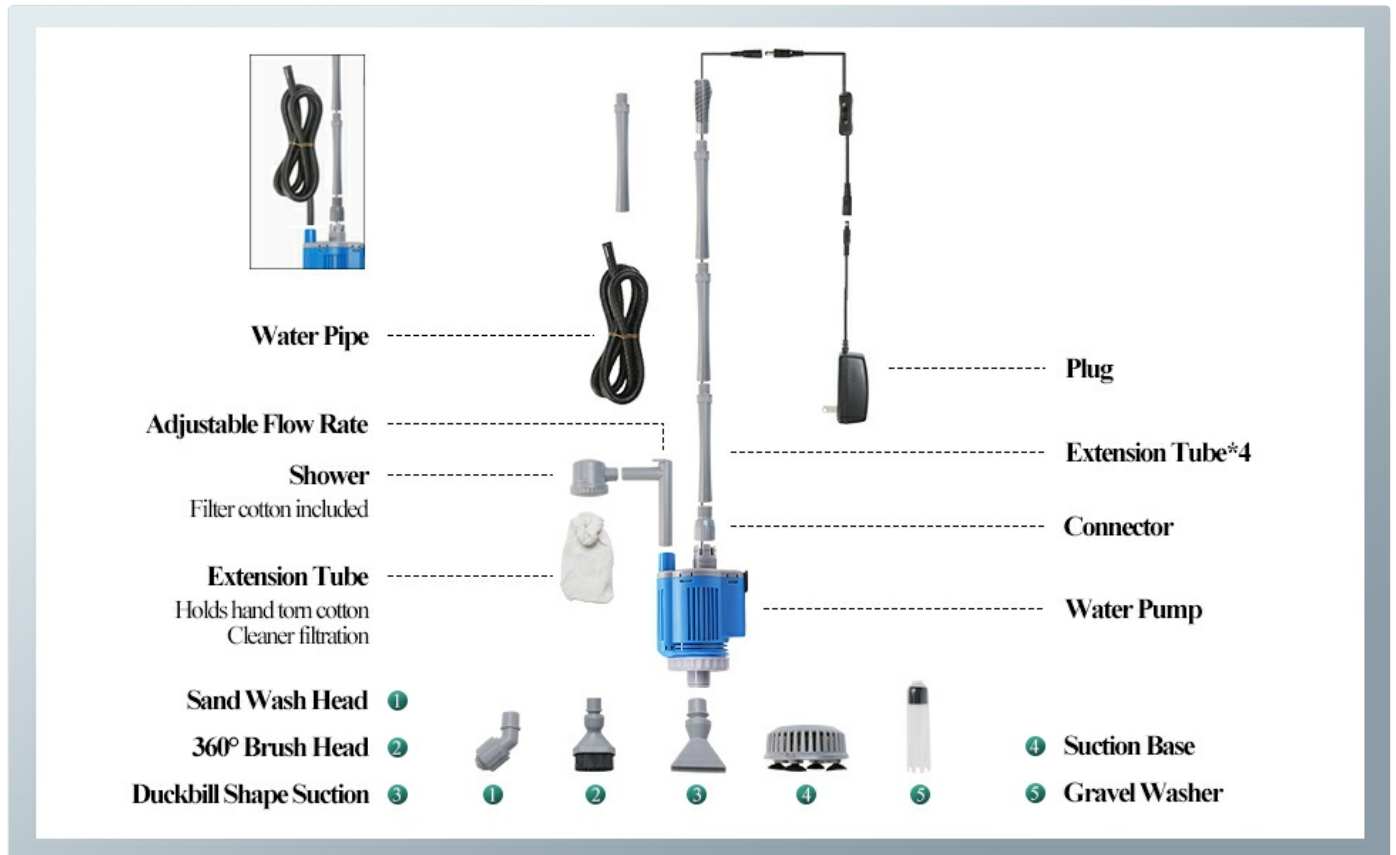


Figure 5.1: Water level requirement and flow rate adjustment.

Water Changing and Debris Removal

Use the cleaner to efficiently remove water and debris from your aquarium.

- Attach the water pipe and direct it to a waste bucket or drain.
- Submerge the pump and turn it on.
- Move the cleaning head over the gravel or substrate to vacuum fish waste, uneaten food, and other debris.
- Monitor the water level and turn off the pump before your waste container overflows.

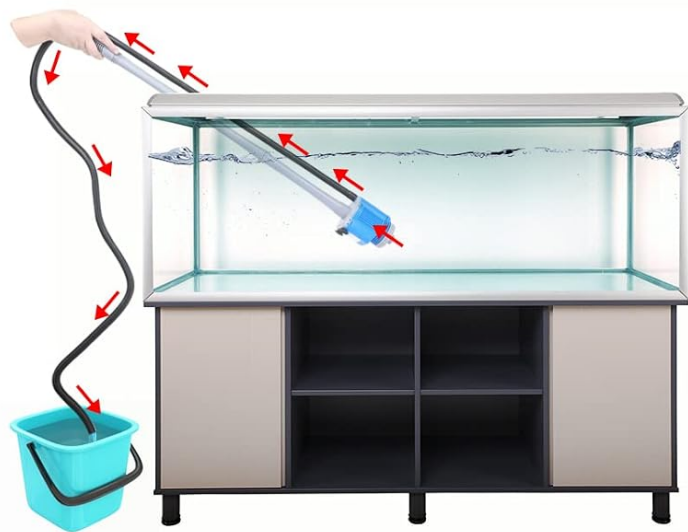
Automatic water changer

Quickly change water, add water

Add water



Water change



Voltage	Hz	Flow	Water Pipe	Power Cable
DC 110V	50Hz	2000L/H	63IN	114.1IN

Figure 5.2: Automatic water changing function.

Sand Washing

The sand washing head allows for cleaning sand and fine gravel without excessive suction of the substrate itself.

- Attach the sand washing head.
- Gently move the head just above or lightly into the sand/gravel. The suction will lift debris while allowing heavier substrate to fall back down.

Water Showering

The elbow shower head can be used to gently return clean water to the tank or for other showering purposes.

- Attach the elbow shower head to the pump outlet.
- Submerge the pump in a clean water source (e.g., a bucket of treated water) and turn it on.
- Direct the shower head into the aquarium to gently add water.



Model	Power	Flow	Hz	Hmax	Power Lead	Water Pipe	Voltage
B028	28W	2000L/H	50Hz	5.9FT	131In	63In	DC 110V

Figure 5.3: Using the pump for water removal and top-up.

Multiple Cleaning Modes in Action

Your browser does not support the video tag.

Video 5.1: This video demonstrates the various cleaning modes of the UPETTOOLS Aquarium Gravel Cleaner, including water changing, sand washing, debris cleaning, filtration, and showering functions. It shows the product in use for different aquarium maintenance tasks.



28W

Powerful Motor
strong suction power

Built-in delicate motor
flow rate up to 2000L/H Large
suction power, fast water exchange

2000L/H



Figure 5.4: Visual examples of various cleaning modes.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your gravel cleaner.

- **Cleaning the Filter Bag:** After each use, remove and thoroughly clean the filter bag to prevent clogging and maintain efficient filtration.
- **Motor Disassembly for Cleaning:** The motor unit is designed for easy disassembly. Periodically open the motor housing to clean any impeller residue or dirt that may accumulate. Refer to Figure 6.1 for guidance.
- **Hose Cleaning:** Rinse the water pipe (hose) thoroughly after each use to prevent algae or bacterial growth.
- **Storage:** Store the cleaner in a clean, dry place when not in use.

Tool-free disassembly

Easy cleaning of impeller residue and dirt
Waterproof / Dry burn resistant / Tool free

Water Storage

Must work in the water.



Water Storage
Must work in the water.

Figure 6.1: Tool-free disassembly of the motor for cleaning.

7. TROUBLESHOOTING

If you encounter issues with your UPETTOOLS Aquarium Gravel Cleaner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start or stops working.	Pump was powered on before being submerged in water.	Turn the pump off, fully submerge it in water, then turn it on. If it still doesn't start, turn it on and off repeatedly to exhaust any trapped air.
Pump does not start.	No power to the socket or loose connection.	Check if the power socket is active. Ensure all power cable connections are secure.
Weak suction.	Filter bag is clogged or impeller is dirty.	Clean the filter bag. Disassemble the motor unit and clean the impeller.
Water leaks from connections.	Connections are not tight.	Ensure all tubes and attachments are securely fastened.

8. SPECIFICATIONS

Feature	Detail
Model Number	14857080
Power Source	Corded Electric
Voltage	110V
Horsepower / Wattage	28W
Maximum Flow Rate	1700 L/H (up to 2000 L/H in some specifications)
Maximum Lifting Height	5.9 feet
Adjustable Tube Length	23.6 inches (60 cm) to 37.7 inches (96 cm)
Compatible Water Depth	13.7 inches (35 cm) to 47.2 inches (120 cm)
Product Dimensions (L x W x H)	2.76" x 5.12" x 31.5"
Material	Acrylonitrile Butadiene Styrene (ABS)
UPC	698253897128



Model B028	Power 28W	Flow 2000L/H	Hmax 5.9FT
Hz 50Hz	Power Lead 131ln	Water Pipe 63ln	Voltage DC 110V

Figure 7.1: Product specifications and dimensions.

9. WARRANTY AND CUSTOMER SUPPORT

UPETTOOLS stands behind its products with a 3-year warranty covering manufacturing defects. Our professional technical team is available for round-the-clock support. If you have any questions or encounter issues, please contact us

directly. We are committed to responding within 24 hours and ensuring your satisfaction.
For support, please refer to the contact information provided with your purchase or visit the official UPETTOOLS website.

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Name

Anonymous

Email

you@example.com

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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