

hygger VES704

hygger 360GPH Electric Aquarium Gravel Cleaner User Manual

Model: VES704

INTRODUCTION

Thank you for choosing the hygger 360GPH Electric Aquarium Gravel Cleaner. This versatile 5-in-1 tool set is designed to simplify your fish tank maintenance, offering functions for gravel cleaning, water changing, sand washing, filtration, and debris vacuuming. With its adjustable length and powerful pump, it provides an efficient and safe solution for keeping your aquarium clean and healthy. Please read this manual thoroughly before use to ensure proper operation and longevity of your device.

SAFETY INFORMATION

- Always unplug the device from the power outlet before performing any maintenance, cleaning, or when not in use.
- Do not operate the cleaner with wet hands. Ensure your hands are dry before plugging in or unplugging the power adapter.
- This appliance is designed for indoor use only. Do not expose it to rain or water.
- Keep out of reach of children.
- Ensure the power supply (AC 110V 60HZ) matches your local electrical standards. The power supply has passed UL certification.
- Do not use the appliance for purposes other than its intended use (aquarium cleaning).
- Inspect the power cord and plug for any damage before each use. Do not use if damaged.
- Avoid kinking or bending the power cord excessively.

PACKAGE CONTENTS

Please check the package to ensure all components are present:

- Water Pump Motor ×1
- Extension Tube ×4
- Handle ×1

- Independent Switch ×1
- Adapter ×1
- Wire Slot ×4
- Outlet ×1
- 2m Water Pipe ×1
- 45° Corner Suction Inlet (Sand Washing Head) ×1
- Duckbill Suction Inlet (Debris Vacuum) ×1
- Brush Head ×1
- Gravel Washer (Sand Vacuum) ×1
- 360° Water Intake Strainer ×1
- Filter Housing ×1
- Small Connector ×1
- Three-way Valve ×1
- Improved Manual (with detailed use steps) ×1

PRODUCT OVERVIEW AND COMPONENTS

The hygger Electric Aquarium Gravel Cleaner is a modular system designed for various aquarium cleaning tasks. Below is an overview of its main components and their functions.

SAND WASHING



Sand blocking rack can prevent sand and gravel from being sucked away.

Remove fish dung and food residues from gravel.



Figure 1: Main components of the Hygger Electric Aquarium Gravel Cleaner, including the pump, extension tubes, filter, and various attachments.



Figure 2: The fully assembled hygger Electric Aquarium Gravel Cleaner alongside its interchangeable accessory heads.

SETUP AND ASSEMBLY

The cleaner features a detachable design allowing for adjustable length and interchangeable heads for different functions. Follow these steps to assemble your cleaner:

1. **Determine Desired Length:** The cleaner comes with four spliced rigid tubes. Select the appropriate number of extension tubes (from 11.4 inches to 40.5 inches) based on your tank's depth.
2. **Connect Tubes:** Securely connect the chosen extension tubes to the water pump motor unit. Ensure a tight fit to prevent leaks.
3. **Attach Handle and Switch:** Connect the handle and independent switch to the main assembly. Use the wire slots to manage the power cord neatly along the tubes.
4. **Install Filter Housing:** Attach the filter housing to the designated port on the main unit. Ensure the filter sponge is properly inserted.

5. **Select and Attach Head:** Choose the appropriate functional head (e.g., gravel washer, duckbill suction, brush head, 45° corner suction inlet) for your task and securely attach it to the end of the extension tube assembly.

6. **Connect Water Pipe (for water change):** If performing a water change, connect the 2m water pipe to the outlet port.

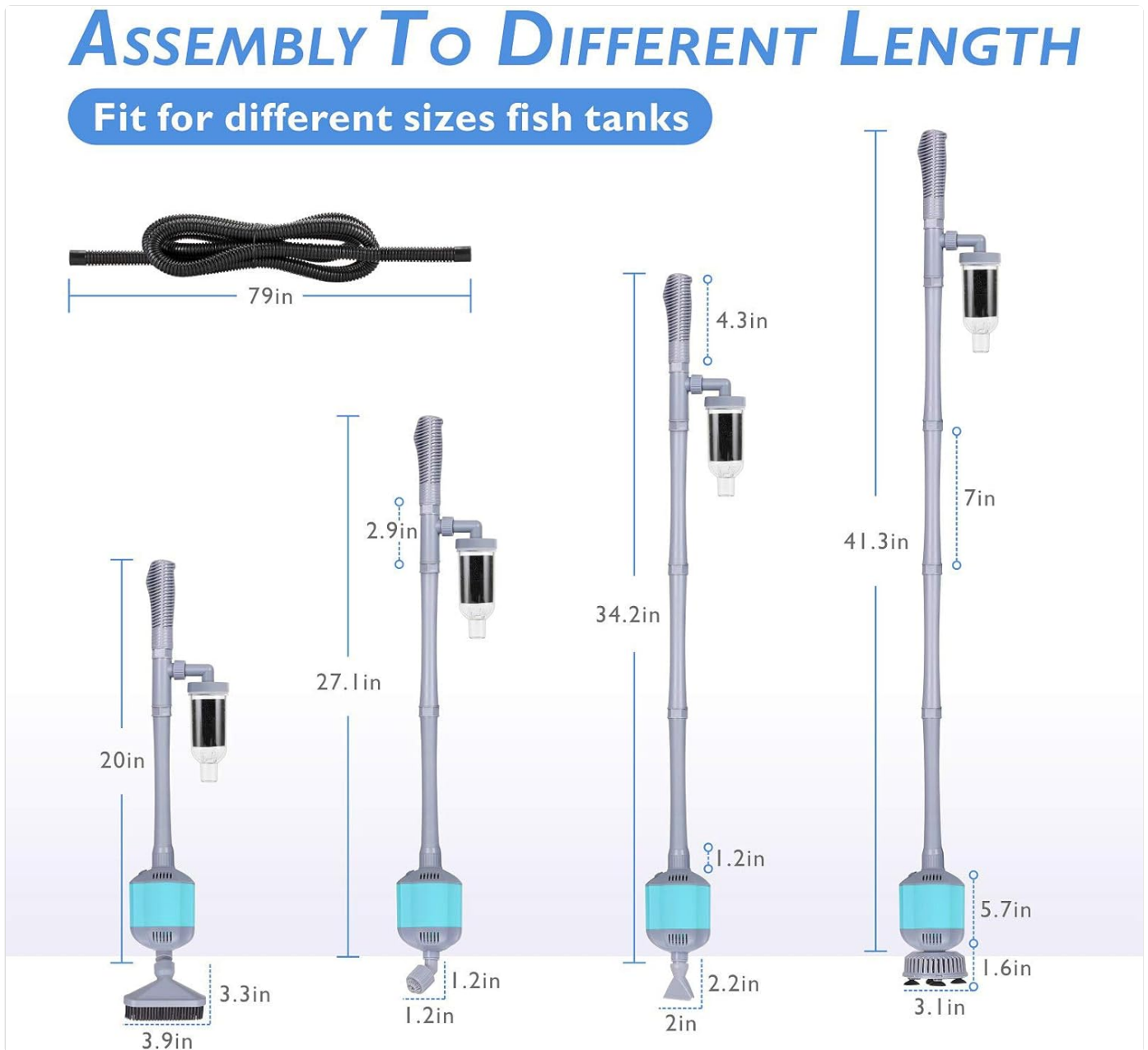


Figure 3: The cleaner can be assembled to various lengths to suit different tank sizes, from 20 inches to 41.3 inches.

OPERATING INSTRUCTIONS

The hygger Electric Aquarium Gravel Cleaner offers 5 primary functions:

1. Gravel Cleaning (Sand Washing)

Use the gravel washer attachment for this function. It is designed to clean gravel while preventing sand and larger debris from being sucked away.

- Attach the gravel washer head to the cleaner.
- Submerge the cleaner into the aquarium, ensuring the intake is fully underwater.
- Plug in the adapter and turn on the independent switch.
- Gently push the gravel washer into the substrate. The water will circulate through the gravel, lifting debris, which will then be trapped by the filter housing. Clean water returns to the tank.

- Move the cleaner systematically across the gravel bed until desired cleanliness is achieved.

CHANGE WATER AND ADD WATER



Figure 4: The sand washing function effectively removes fish waste and food residues from gravel, with a sand blocking rack to prevent substrate loss.

2. Water Change Function

This function allows for quick and efficient water removal from your tank.

- Attach the desired intake head (e.g., 360° water intake strainer or gravel washer) and connect the 2m water pipe to the outlet.
- Place the other end of the water pipe into a bucket or drain.
- Submerge the cleaner into the aquarium. The starting water level can be as low as 2 inches, and it can pump down to 0.3 inches.
- Plug in the adapter and turn on the independent switch. The pump will begin to draw water out of the tank.
- Monitor the water level in your tank and the receiving bucket to prevent overflow. Turn off the switch when the desired amount of water has been removed.

FISH TANK CLEANING



Figure 5: The water change function provides a strong flow of up to 360GPH, quickly draining water from the aquarium.

3. Filtration Function

The integrated filter housing allows for water filtration without changing water, returning clean water to the tank.

- Ensure the filter housing is attached and contains the filter sponge.
- Use any of the intake heads (e.g., gravel washer for sand cleaning, duckbill for debris).
- Submerge the cleaner and turn it on. Water will be drawn through the intake, pass through the filter housing where debris is trapped, and then return to the tank.
- This is ideal for cleaning the tank without performing a full water change, such as when washing sand.

4. Debris Vacuum (Duckbill Suction Inlet)

The duckbill suction inlet is perfect for targeting and removing specific debris or waste from corners and hard-to-reach areas.

- Attach the duckbill suction inlet to the cleaner.
- Submerge the cleaner and turn it on.
- Direct the duckbill head towards fish dung, food residues, or other debris you wish to remove. The concentrated suction will easily pull them into the filter.

OTHER ACCESSORIES



Powerful
& Quiet



Can replace
other filter media



Convenient
and firm.



Independent
switch for easy
operation



AC 110V, be
careful not to
get wet by water.



Figure 6: The duckbill suction inlet (left) is effective for vacuuming fish dung and residues, while the brush head (right) helps clean tank surfaces.

5. Brush Head Cleaning

The brush head allows you to scrub and clean algae or dirt from the tank's glass or decorations.

- Attach the brush head to the cleaner.
- Submerge the cleaner and turn it on.
- Gently scrub the inside surfaces of your aquarium or decorations to dislodge dirt and algae. The pump will simultaneously suck in the dislodged particles for filtration.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your hygger cleaner.

- **Filter Sponge Cleaning:** After each use, or when you notice reduced suction, remove the filter housing and clean the filter sponge. The filter sponge can be repeatedly cleaned and reused. It can also be replaced with other compatible filter media.

- **Rinse Components:** Rinse all disassembled components with clean water after each use to remove any remaining debris or residues.
- **Check for Blockages:** Periodically check the pump intake and tubes for any blockages, especially if suction power decreases. Clear any obstructions carefully.
- **Storage:** Store the cleaner in a clean, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Does not turn on	Not plugged in; Power outlet issue; Damaged cord/switch; Motor failure.	Ensure adapter is securely plugged into a working outlet. Check for visible damage to cord or switch. If issues persist, contact customer support.
Weak suction power	Clogged filter sponge; Blockage in intake or tubes; Improper assembly (loose connections).	Clean or replace filter sponge. Disassemble and check for blockages in tubes or pump. Reassemble all parts securely.
Water leakage	Loose connections between tubes or attachments; Damaged O-rings/seals.	Ensure all connections are tightly secured. Check O-rings for damage and replace if necessary.
Pump stops during operation	Overheating; Debris jammed in impeller; Power interruption.	Unplug and let cool down. Check for and remove any debris from the impeller. Ensure stable power supply.

SPECIFICATIONS

- **Model Number:** VES704
- **Power:** 15W
- **Voltage:** AC 110V 60HZ (UL Certified Adapter)
- **Max Flow Rate:** 360 GPH (Gallons Per Hour)
- **Max Head:** 4.92 ft (1.5m)
- **Adjustable Length:** 11.4 inches to 40.5 inches
- **Minimum Water Level for Pumping:** 0.3 inches
- **Item Weight:** 2.88 pounds
- **Package Dimensions:** 10.16 x 8.46 x 6.81 inches
- **Color:** Grey

WARRANTY AND SUPPORT

hygger products are manufactured with quality and reliability in mind. For warranty information, technical support, or any questions regarding your hygger 360GPH Electric Aquarium Gravel Cleaner, please contact hygger customer service. You can typically find contact details on the product packaging or the official hygger website. Please retain your proof of purchase for warranty claims. For more information and product updates, visit the official hygger store: [hygger Store on Amazon](#).



