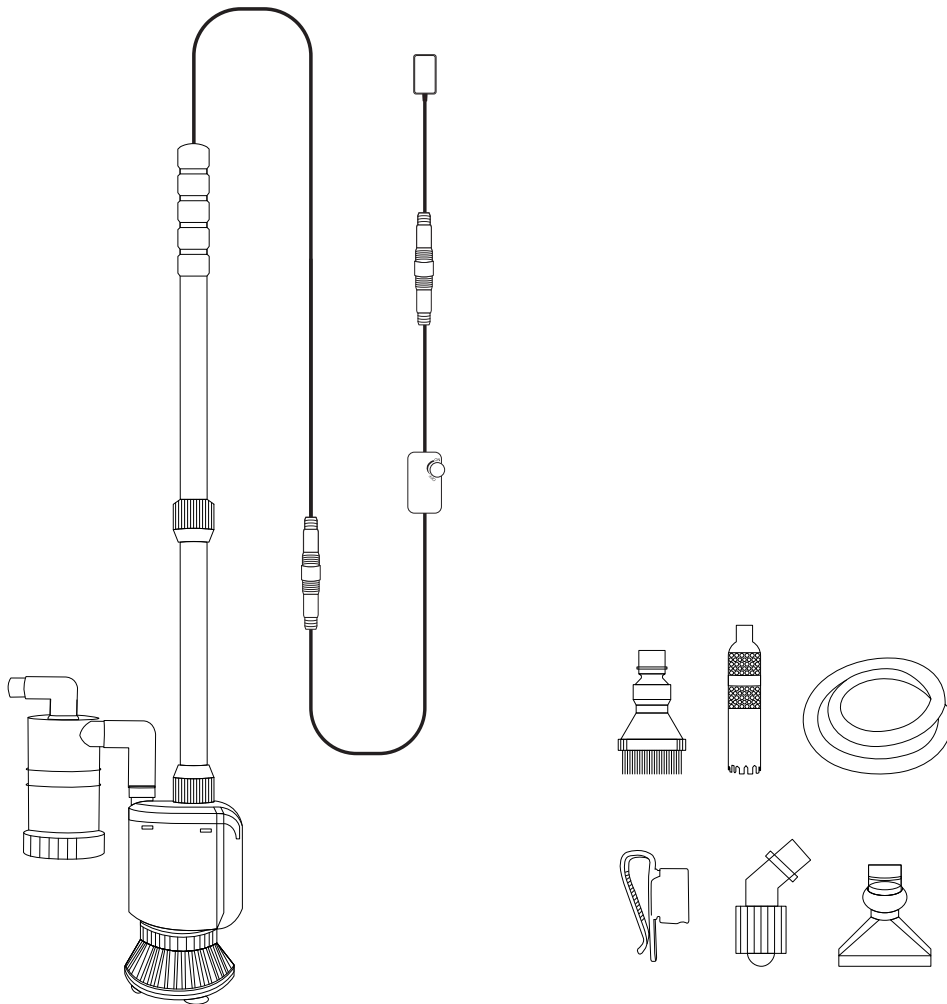




# AQ142 USER MANUAL

## AQQA Multifunctional Electric Gravel Cleaner



AQQA DC Electric Vacuum Gravel Cleaner is a multifunctional cleaning tool kit for cleaning fish and turtle tanks. It can quickly realize the need to clean gravel, wash sand, add water, and change water. Please read this instruction manual carefully before use and follow it strictly.

## 1. PRODUCT FEATURES

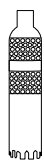
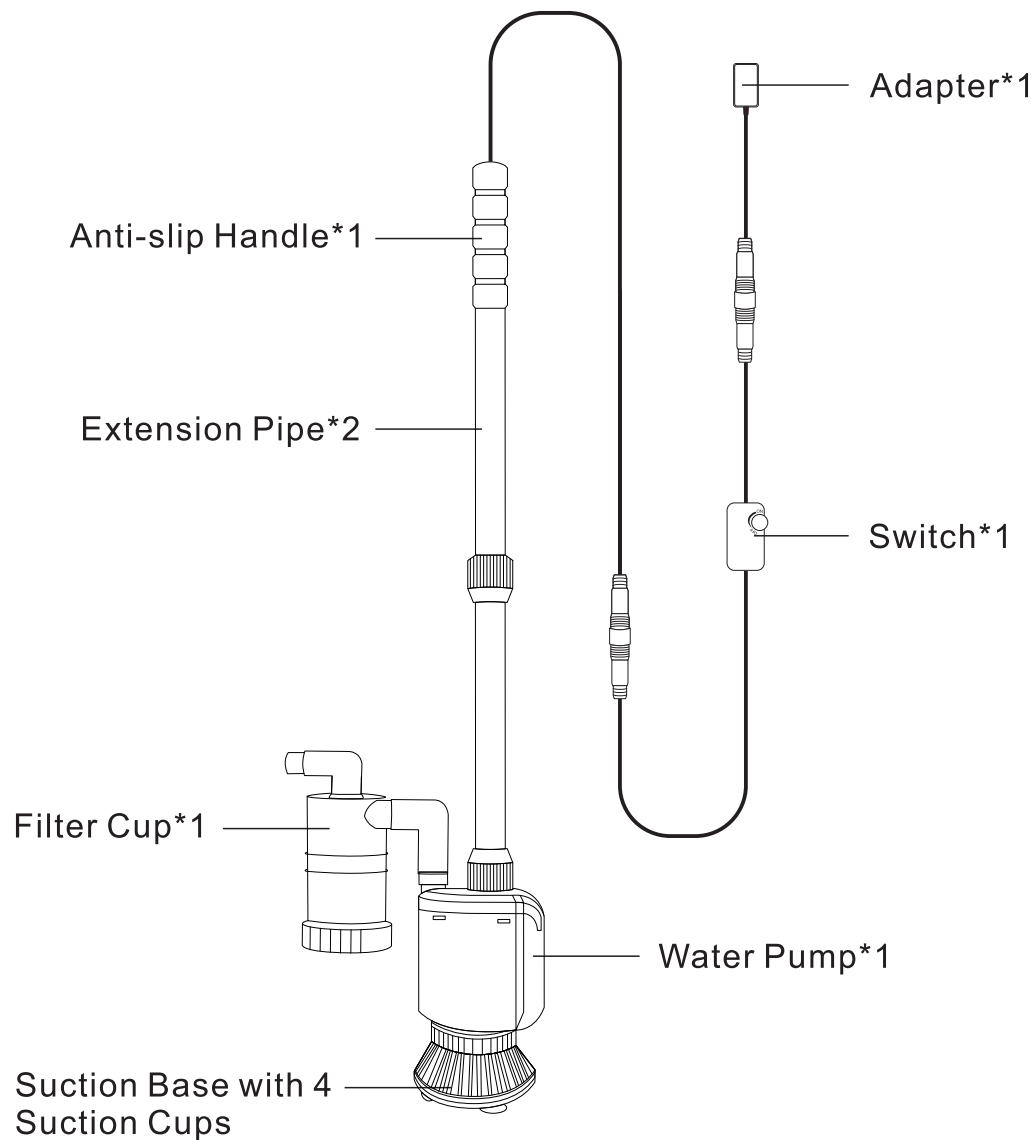
- **6-in-1 Multifunctional:** The DC electric gravel cleaner is equipped with 6 tools for easily realizing water change, filtration, washing gravel, cleaning tanks, fish debris removal, and water circulation, bringing a clean and comfortable environment for the tank.
- **Adjustable Power:** DC infinitely variable rotary controller can pump from 15W to 34W power to meet the cleaning of different size particles of gravel, suck away, and clean fish tank debris.
- **Multifunctional Filter Cup:** The ABS high-quality material filter cup, with biochemical filter cotton, quickly filters impurities in the water, purifies the water quality, and makes the fish tank water clearer.
- **Detachable Handle:** It comes with 2 extension pipes, so it is flexible enough to accommodate fish tanks of different sizes and heights.
- **Easy to Operate:** It is easy to install and use, and multiple accessories are easily assembled.

## 2. CONTROL PANEL INTRODUCTION

<b>Model</b>	AQ142	
<b>Power</b>	Minimum power: 15W Maximum power: 34W	
<b>Input Voltage</b>	AC 100V-240V/50-60Hz	
<b>Output Voltage</b>	DC24V	
<b>H max</b>	8.2ft	2.5m
<b>Q max</b>	600GPH	2300L/H
<b>Cord Length</b>	Pump to controller: 1.6m(5.25ft) Controller to power plug: 2.4m(7.87ft)	

3. PRODUCT STRUCTURE AND ACCESSORIES USE SCENARIO

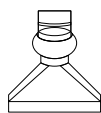
1.Product structure and accessories



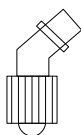
Sand-washing Head\*1



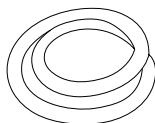
Cleaning Brush\*1



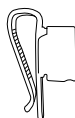
Widen Suction Head\*1



Corner anti-sand head\*1

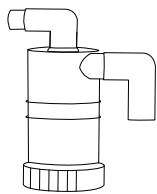
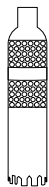
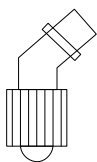
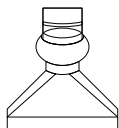
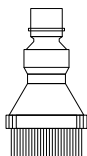
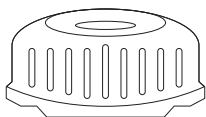
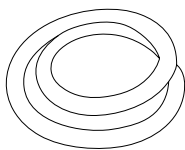


2M Bellows\*1



Pipe Holder\*1

## 2.Function of Accessories

	Filter cup	Biochemical cotton filters medium and impurities in water, purifying water quality effectively
	Sand-washing head	Clean the fish stool, debris and other dirty materials hidden in the gravel and sand in the aquarium
	Corner anti- sand head	1.Clean the fish stool, food residue and other stains left in the corner of the aquarium 2.Clean the stains on the surface of the decorative stones and ornaments in the aquarium
	Widen suction head	360° rotatable, clean the fish stool, food residue and other stains left in the corner of the aquarium
	Cleaning brush	Clean the tank
	Suction base	1.Fix the pump when changing the water in the aquarium 2.When using the filter cup, the base holds the pump in place, allowing the water in the tank to circulate and filter
	Bellows	For water exchange

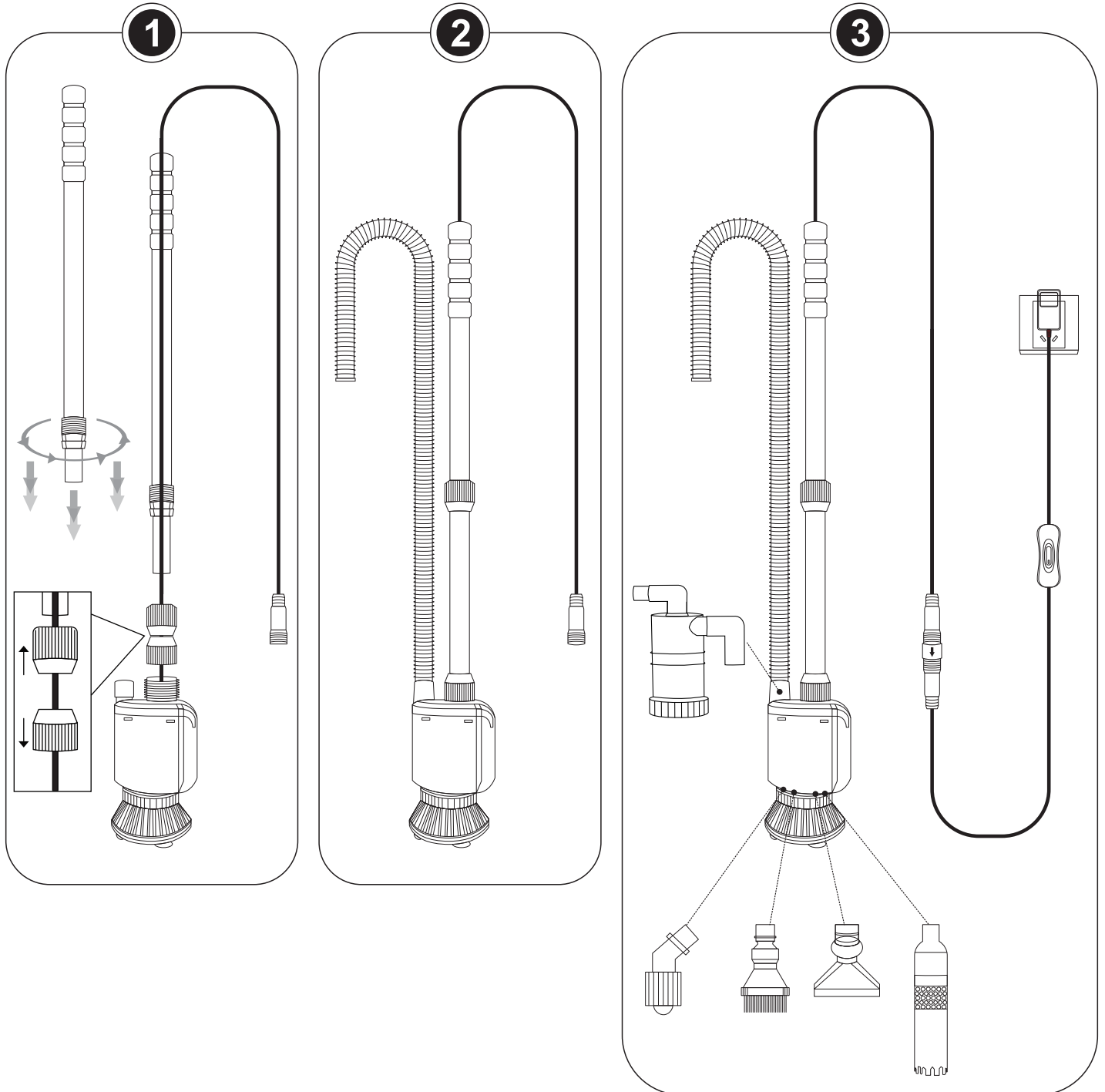
## 4. ASSEMBLE INSTRUCTIONS

### 1. Steps to Assemble

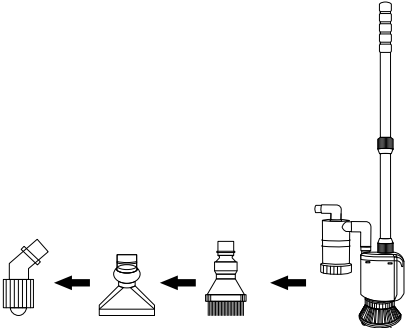
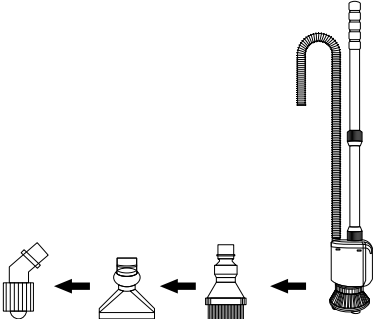
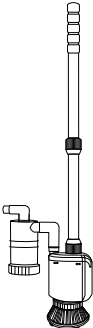
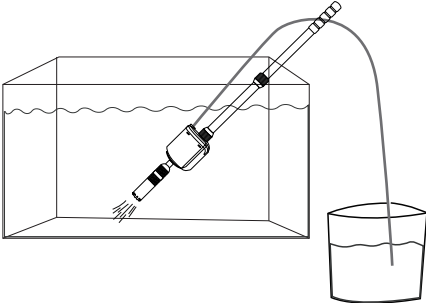
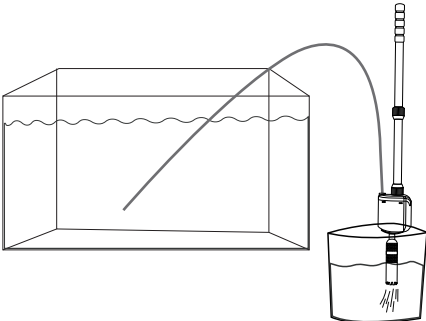
Step 1: Turn and pull out the inside tube, and then put the wire cord with a plastic screw through into the extension tube. Screw it in well.

Step 2: Install the filter cup with a sponge or outlet pipe.

Step 3: Install the tools for your desired function.



2.Different Usage Scenario

	For cleaning mode without exchanging water in tank: no change of water suction, sand washing, dirt suction
	It is used for the cleaning mode of pumping water in tank, washing sand, absorbing stool and dirt
	For water circulation, filtration, and low water level spraying
	High-lift and powerful, easily adding water
	Suck stool and dirt while pumping water

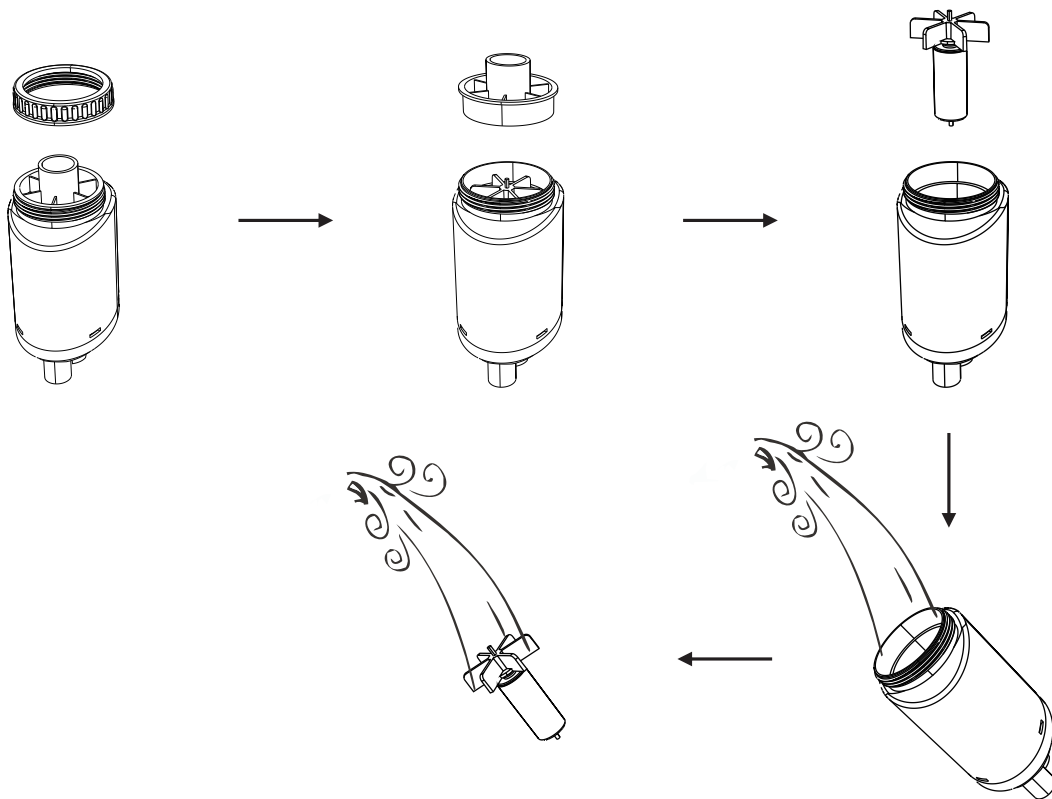
## 5. TROUBLESHOOTING

TROUBLE	REASON	SOLUTIONS
The cleaner is not working	The power is not on	Insert the plug into the socket
	The cleaner is damaged	Replace the cleaner
	The impeller is blocked	Remove the impeller and clean it
	The cleaner runs outside the water	Immerse the motor and power on
Noise generation	The motor is blocked	Remove the motor and clean it
	The motor is worn or damaged	Replace the motor
Insufficient water flow	Impeller is damaged	Replace the impeller
	Low supply voltage	Set proper voltage

## 6. PUMP CLEANING

### 1. Pump cleaning

We recommend cleaning and maintaining the water pump after use to ensure it stays in good condition and runs efficiently for a long time.



## 2. Filter cup cleaning

It is recommended to clean the filter cup regularly and replace the filter cotton to prevent impurities from blocking the filter water.

## 7. NOTES

1. Disconnect the power supply before operating the water pump.
2. Please do not let the pump run dry.
3. When pumping water, please completely enter the pump into the water so that the pump body is properly cooled.
4. Please use the power cord accessories provided and specified by the manufacturer.

5. Please place the water changer safely to prevent the machine from being damaged by heavy objects.
6. Please use the socket matching with the machine to prevent the plug deformation caused by the mismatch of the socket.
7. The water level should exceed the gray part of the pump, and no tools can be installed to pump the lower water level, and the water level should be low under, it can be used at an Angle of 85°.
8. Male and female plugs and power switches are prohibited from diving to avoid the risk of electric shock.

## 8. WARNING

To guard against injury, basic safety precautions should be observed including the following.

1. Read and follow this user manual strictly.

2. **DANGER**-To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself; return the gravel cleaner to an authorized service facility for service or discard the gravel cleaner.

A. If the gravel cleaner shows any sign of abnormal water leakage or RCD (or GFCI-Ground Fault Current Interrupter), unplug from power and remove the gravel cleaner from water.

B. Carefully examine the gravel cleaner after installation. It should not be plugged in if there is water on parts not intended to be wet.

C. Do not operate the gravel cleaner if it has a damaged cord or plug, if it is malfunctioning or if it is dropped or damaged in any manner. The power cord of this gravel cleaner cannot be replaced, if the cord is damaged, the gravel cleaner should be discarded.

D. To avoid the possibility of the gravel cleaner plug getting wet, position aquarium stand and tank to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord connecting the gravel cleaner to the outlet. The “drip loop” is the part of the cord below the level of the outlet, or the connector. If an extension cord is used, to prevent water traveling along the cord and coming in contact with the outlet. If the plug or outlet does get wet, **DO NOT** unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the gravel cleaner. Then unplug and examine for the presence of water in the outlet.

**POWER CORD**



**DRIP LOOP**

3. Close supervision is necessary when the gravel cleaner is used near children.

4. This gravel cleaner is not allowed to use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the gravel cleaner by a person responsible for their safety.
5. To avoid injury, do not contact moving parts or hot parts.
6. Always unplug the gravel cleaner from the outlet when not in use, before putting on or taking off parts, and before maintenance or placing hands in the water. Never yank the cord to pull plug from outlet. Grasp the plug and pull to disconnect.
7. Do not use the gravel cleaner for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
8. Do not install or store the gravel cleaner where it will be exposed to the weather or to temperatures below freezing. This gravel cleaner is suitable for use in water temperatures 40~ 95°F(4.5~35°C).
9. Do not submerge more than 3ft of water depth.
10. Do not run dry or out of water. Keep the gravel cleaner completely submerged.
11. Only use in freshwater or saltwater, do not use the gravel cleaner in other liquids.
12. Make sure the gravel cleaner is securely installed before operating.
13. Read and observe all the important notices on the gravel cleaner.
14. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
15. The gravel cleaner is intended FOR HOUSEHOLD USE ONLY. Do not use or mount this gravel cleaner in such a way that the top vents are restricted or blocked. These vents are necessary to avoid overheating and ensure safe operating temperatures.
16. All gravel cleaners are professionally water tested by the manufacturer before shipment; if the gravel cleaner you received has a little water, please don't worry, this is the result of the testing process. You will receive a new gravel cleaner.
17. SAVE THIS USER MANUAL.

## 9. AQQA LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 2 years from the date of sale if this product was purchased from an AQQA<sup>®</sup>-authorised specialist dealer

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by AQQA<sup>®</sup> Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 2 years from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

### **Products have no warranty if:**

1. The product has been serviced, modified or tampered with by anyone other than AQQA<sup>®</sup> Aquatic Supplies.
2. The product has been abused or damaged (including broken or cracked bulbs), and/or.
3. The product has been transported without proper packaging.
4. The product was purchased from an Unauthorized Reseller.

### **WARRANTY LIABILITY DISCLAIMER**

In no event will AQQA<sup>®</sup> be liable for any consequential or incidental damages, including but not limited to, lost aquatic life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any AQQA<sup>®</sup> products.

#### **1.0. Terms and Conditions of Warranty.**

- 1.1. AQQA<sup>®</sup> warrants to the purchaser, for 2 years from date of original purchase through an Authorized AQQA<sup>®</sup> Reseller, free to repair or replace parts where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
- 1.2. All claims for repair or replacement must be made at place of purchase.
- 1.3. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
- 1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-AQQA<sup>®</sup> original parts are excluded from the guarantee.
- 1.6. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection and AQQA<sup>®</sup> must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, AQQA<sup>®</sup> will request reimbursement of all reasonable costs incurred.
- 1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
- 1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

## 10. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



## 11. CONTACT INFORMATION

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Bantian Street, Longgang District, Shenzhen Guangdong. 518000  
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Website: <http://www.aqqapet.com>



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