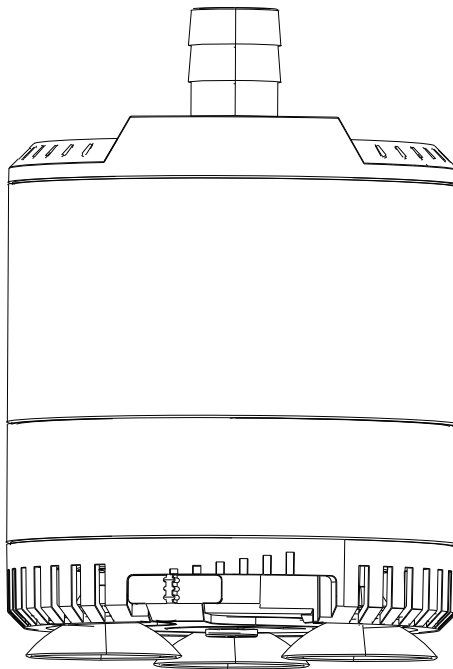




AQ077 USER MANUAL

AQQA Aquarium Bottom Suction Submersible Water Pump



AQQA aquarium submersible water pump has simple appearance and practical function, suitable for a wide range of aquarium applications.

CAUTION: Please note that the pump must be completely submerged in water before connecting to the power supply. The pump is only suitable for use underwater.

1.PRODUCT FEATURES

Powerful and super quiet: The water pump runs particularly quietly so that you or your aquarium are not disturbed in your peace and quiet.

Dual functionality - water movement and aeration: The water pump not only ensures water movement, but also better aeration for your fish.

Pure copper motor: High-performance pump, energy-efficient, with noise-reduced design, waterproof with protection class Ip68.

Easy to disassemble and clean: The pump's water inlet is designed for easy disassembly and cleaning.

Adjustable flow rate: The pump features a convenient knob that allows you to adjust the flow rate easily.

Multiple outlet compatibility: The screw-type water outlet allows you to connect it to different pipe diameters. This makes the pump suitable for different pipework.

Built-in temperature control protector: To prevent overheating, the water pump's temperature control protector switches the appliance off as soon as it reaches 85 degrees. The pump switches on again automatically when the appliance has cooled down. To avoid motor damage, always operate the pump fully submerged and do not allow it to run dry. Proper use will increase the service life of the pump.

Exterior material: The housing of the water pump features high-quality matt ABS plastic. All models are equipped with 3 rubber suction cups.

Perfect for aquariums, ponds, fountains, waterfalls, hydroponic systems, irrigation systems and water features. Suitable for freshwater and saltwater.

2.PRODUCT PARAMETERS

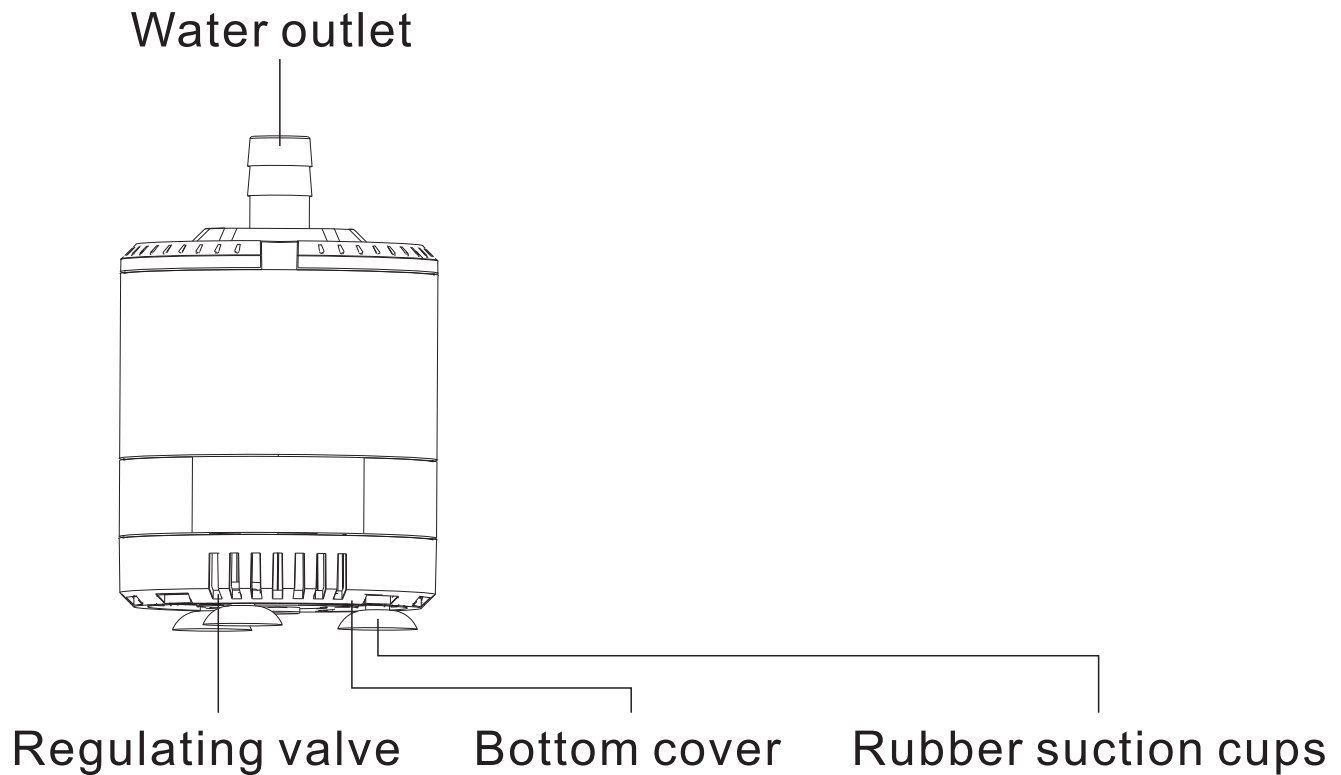
Model	AQ077-6W	AQ077-15W	AQ077-30W
Voltage & Frequency	US STANDARD: AC110-120V/60Hz EU/UK/AU STANDARD: AC220-240V/50Hz		
Power	6W	15W	30W
H-Max	3.3ft (1.0m)	5.2ft (1.6m)	8.2ft (2.5m)
Flow Rate	160GPH 600L/H	350GPH 1300L/H	530GPH 2000L/H
Nozzel Size	0.5" & 0.5" 1.3cm & 1.3cm	0.5" & 0.63" 1.3cm & 1.6cm	0.75" & 0.87" 1.9cm & 2.2cm
Cord Length	5.9ft (1.8m)	5.9ft (1.8m)	5.9ft (1.8m)
Pump Dimensions	3.93" * 2.52" 10cm * 6.4cm	4.41" * 3.07" 11.2cm * 7.8cm	5.79" * 3.86" 14.7cm * 9.8cm

Model	AQ077-40W	AQ077-55W
Voltage & Frequency	US STANDARD: AC110-120V/60Hz EU/UK/AU STANDARD: AC220-240V/50Hz	
Power	40W	55W
H-Max	9.2ft (2.8m)	11.0ft (3.3m)
Flow Rate	660GPH 2500L/H	800GPH 3000L/H
Nozzel Size	0.75" & 0.87" 1.9cm & 2.2cm	0.75" & 0.87" 1.9cm & 2.2cm
Cord Length	5.9ft (1.8m)	5.9ft (1.8m)
Pump Dimensions	5.79" * 3.86" 14.7cm * 9.8cm	6.46" * 4.33" 16.4cm * 11cm

3.PACKING LIST

- 1× User manual
- 1× Water pump
- 2× Water outlet
- 3× Rubber suction cup

4.PRODUCT DIAGRAM



5.WARNING

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

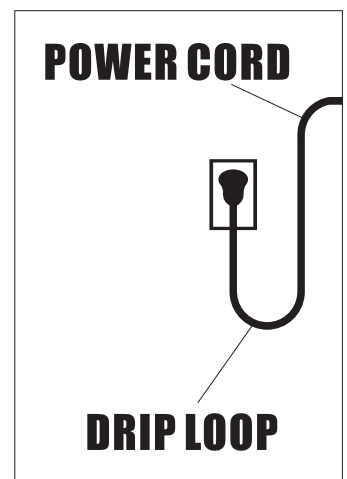
- 1.Read and follow this user manual strictly.
- 2.DANGER-To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself; return the pump to an authorized service facility for service or discard the pump.

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

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

C.Do not operate the pump 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 pump cannot be replaced, if the cord is damaged, the pump should be discarded.

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



3.Close supervision is necessary when the pump is used near children.

4.This pump 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 pump by a person responsible for their safety.

5.To avoid injury, do not contact moving parts or hot parts and so on.

6.Always unplug the pump 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 pump 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 pump where it will be exposed to the weather or to temperatures below freezing. This pump is suitable for use in water temperatures 40~ 95°F.

9.Do not submerge more than 3ft of water depth.

10.Do not run dry or out of water.

11.Only use in freshwater or saltwater, do not use the pump in other liquids.

12.Make sure the pump is securely installed before operating it.

13. Read and observe all the important notices on the pump.

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 pump is intended FOR HOUSEHOLD USE ONLY. Do not use or mount this pump 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. Due to all the pumps need to be professional water testing by manufacturer before shipment, if the water pump you received with a little water, please don't worry, the little water was left from professional water testing, it is a normal phenomenon. It is new and normal pump.

17. SAVE THIS USER MANUAL.

6. MAINTENANCE AND TROUBLESHOOTING

To clean the pump, proceed as follows:

- Remove the water intake cover, the sealing cover and the impeller.
- Use a small brush or a jet of water to remove any debris that may be present.

If the pump is not working, please check the following points:

- Check the power supply. Please try to connect the pump to another socket to ensure it has power. Do not plug in the pump until it is submerged.
- Check the water outlet and tube of the pump for any blockage caused by dirt.
- Check the water inlet cover to ensure it is not clogged by debris.
- Remove the water inlet cover and check the impeller. Turn the rotor to ensure that there is no damage or blockages.
- Regular monthly maintenance can extend the service life of the pump. Clean the rotor and remove all dirt deposits.

Note: If the pump is to be operated indoors, the socket outlet should be equipped with a leakage current protection device, and the leakage current must not exceed 30 mA (The installation of the leakage current protection device must be carried out by the consumer.)

7.DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmentally friendly and healthy way.



8.ONE YEAR LIMITED WARRANTY

This product **MUST** be purchased from an authorized AQQA reseller. Visit our website for a list of authorized resellers. AQQA warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of the original retail purchase and is non-transferable.

Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage caused by using this product.

Note: AQQA One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications.

If you discover a defect, please contact AQQA, who will, at its option, repair or replace the product at no charge, provided that you return it during the warranty period. A copy of the bill of sale is required as proof of the original purchase date in the event of the product needing repairs within the warranty period. AQQA does not warrant any products that are not AQQA's.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, or modified without the written permission of AQQA.

9.CONTACT INFORMATION

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