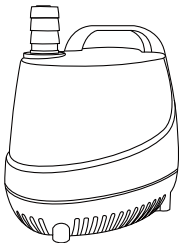




# AQ-021 SERIES USER MANUAL

AQQA MULTIFUNCTIONAL SUBMERSIBLE WATER PUMP



**Aqqa multifunctional submersible water pump is a perfect water pump for various types of aquariums, fountains, and/or ponds.**



**CAUTION:**Place the pump fully submersed in water and then plug in the power.

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## 1.PRODUCT FEATURES

**Multifunctional submersible water pump:** A perfect suction pump for various types of aquariums, fountains, and/or ponds. Use for cleaning, increasing oxygen, and improving water circulation.

**Unique design and attractive appearance:** A mini shape packing strong power to ensure adequate water flow. Comes with a handle design for easy convenient use.

**Effective bottom water intake design:** 360-degree design effectively cleans dirt and impurities at the bottom of the aquariums. Its handle design allows for easy use and comes with a lower than 0.4inch(1cm) water changer.

**Powerful operation:** Lower noise output while being powerful.

**Longer duration:** Wear-proof ceramic shaft extends durability along with intelligent control for dry running protection.

**Reliable operation:**Quality copper motor for energy efficiency.

## 2.PRODUCT PARAMETERS

Model No.:	Power	Flow Rate	Head Max	Outlet
AQ-021-1000	20W	265GPH (1000L)	5.9 Ft (1.8m)	1/2"(13mm) 5/8"(16mm)
AQ-021-1500	25W	400GPH (1500L)	6.5 Ft (2m)	1/2"(13mm) 5/8"(16mm)
AQ-021-2500	35W	660GPH (2500L)	8.2 Ft (2.5m)	5/8"(16mm) 3/4"(19mm)
AQ-021-3500	45W	920GPH (3500L)	9.8Ft (3.0m)	5/8"(16mm) 3/4"(19mm)

## 3.WARRANTY

1. 1-year free warranty.
2. 1-month free return.
3. Free replacement for 3 months.

## 4.PACKAGE INCLUDES

1× User manual

1× Bottom intake water pump

### Outlet fittings as following:

Model	AQ-021-1000	AQ-021-1500	AQ-021-2500	AQ-021-3500
Outlet connection	1/2"(13mm)~1PCS 5/8"(16mm)~1PCS		5/8"(16mm)~1PCS 3/4"(19mm)~1PCS	

## 5.WARNING:



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

1.Read and follow this user manual strictly.

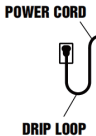
2.DANGER-To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair by yourself; return the pump to an authorized service facility for service or discard the pump.

**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 the 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 the 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 from 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 be used 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 it is not in use, before turning on or taking off parts, and before maintenance or placing hands in the water. Never yank the cord to pull the plug from the 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 create an unsafe condition.
8. Do not install or store the pump where it will be exposed to the weather or temperatures below freezing. This pump is suitable for use in water temperatures 40~ 95°F (4~35°C).
9. Do not submerge the pump lower than 3ft( 0.9m) of water depth.
10. Do not run dry or out of water.
11. Only use the pump in freshwater or saltwater, do not use the pump in any 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 fewer 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. All the pumps receive professional water testing by the manufacturer before shipment, if the water pump you received is damp, please don't worry, the residue of water was left from professional water testing, and it is a normal phenomenon. It is a new and normal pump.

17. SAVE THIS USER MANUAL.

## 6. MAINTENANCE AND TROUBLE RESOLVE

To clean the pump, remove the intake cover, sealing cover, and impeller.

Use a small brush or steam of water to remove any debris.

If the pump doesn't work, check the following:

- Check the circuit. Please try to plug into another power socket, to ensure the pump is switched on with power. Note, please do not plug in before operating.
- Check the pump outlet and tube, whether it is blocked by dirt.
- Check the inlet cover to ensure it is not clogged by debris.
- Remove the pump inlet cover to access the impeller. Turn around the rotor to check whether anything is broken or jammed.
- Monthly maintenance will prolong your pump's life. Clean the rotor regularly to remove the dirt.



Note: For indoor use, the power socket must be installed with the leakage current protecting device, and the leakage current shall not exceed 30 mA (The consumer must install the leaking current protection device by themselves).

## 7. DISPOSAL

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



**Thank you for choosing Aqqa, making aquarium keeping easier one product at a time.**

If you have any problems or suggestions for the submersible water pump, please contact us by email before leaving feedback or opening a case, it will be the fastest way to solve your problem. If you are satisfied with the submersible water pump, please leave positive feedback for our product, in order to let more customers enjoy it. Thanks again!

## 8. Contact Information:

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