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# HG293 USER MANUAL

hygger Current UV Aquarium Filter



This product is made of high quality material, beautiful and simple, easy to operate. It is suitable for fish tank and aquarium filtration, algae removal, oxygenation, water circulation and other roles.

# 1. PRODUCT FEATURES

**Simple & Durable Housing:** High-quality plastic housing, beautiful and simple appearance.

**4-in-1 Multifunctional System:** Integrating Water Pumping, Circulation Filtration, Oxygenation, and Water Supply.

**Optional UV Sterilizer:** In addition to eliminating green algae and restoring water quality, it also features a sterilization function.

**Programmable UV Timer (4/8/12/24H):** You can set the working duration of the disinfection lamp according to your needs and use it in conjunction with the UV timed disinfection function. You can choose from 4H, 8H, 12H, and 24H modes every day. Press the “SET” button to select the duration. Take 4H as an example: Press the “SET” button, and the indicator light for 4H turns green. The lamp will then start working for 4 hours. The indicator light will flash after 4 hours and then light up automatically the next day.

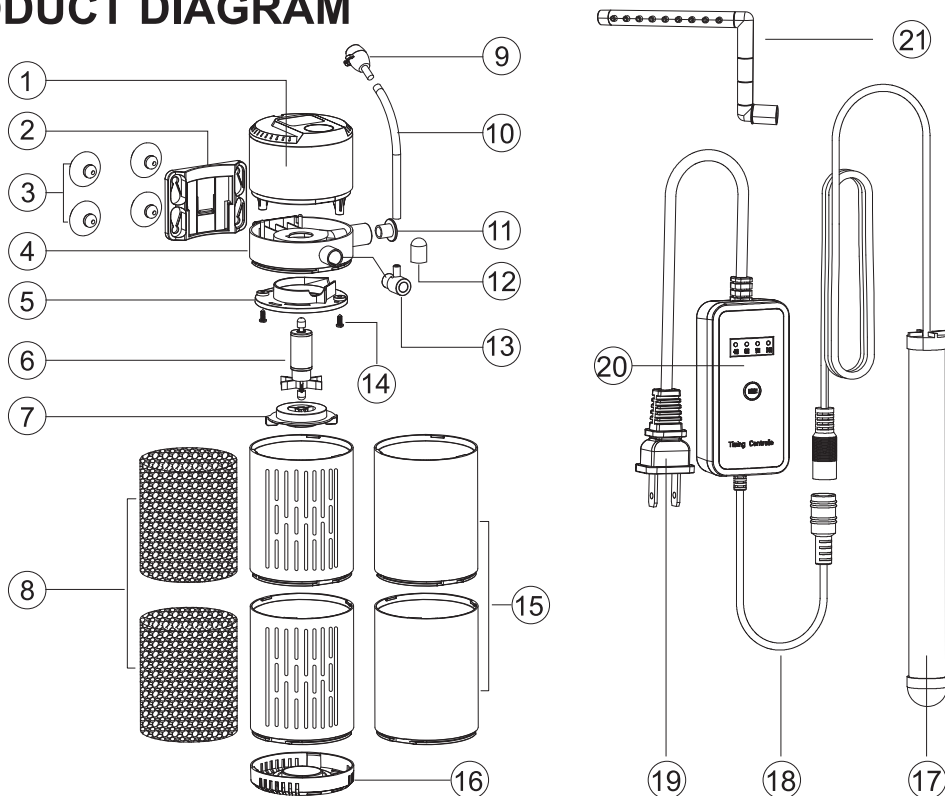
# 2. PRODUCT SPECIFICATIONS

|                              |                                                                                                            |                       |                          |                         |
|------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|-------------------------|
| Model                        | HG293                                                                                                      |                       |                          |                         |
| Input Voltage/<br>Frequency  | US standard: AC 110-120V/60Hz<br>UK/EU/AU standard: AC 220-240V/50Hz<br>Japan standard: AC100-110V 50/60HZ |                       |                          |                         |
| UV Lamp Power                | 6W                                                                                                         |                       | 8W                       |                         |
| Pump Power                   | 8W                                                                                                         | 12W                   | 18W                      | 25W                     |
| Product Size                 | 2.52*8.62IN(6.4*21.9CM)                                                                                    |                       | 3.07*10.91IN(7.8*27.7CM) |                         |
| Max.Head                     | 1.48FT<br>(0.45M)                                                                                          | 1.80FT<br>(0.55M)     | 2.62FT<br>(0.80M)        | 3.28FT<br>(1.00M)       |
| Flow Rate                    | 132GPH<br>(500L/H)                                                                                         | 200GPH<br>(800L/H)    | 300GPH<br>(1200L/H)      | 450GPH<br>(1800L/H)     |
| Recommended<br>Aquarium Size | 10-20Gal<br>(38-75L)                                                                                       | 15-30Gal<br>(55-110L) | 20-75Gal<br>(75-280L)    | 30-130Gal<br>(110-500L) |
| Max Water Depth              | 3.28FT(1M)                                                                                                 |                       |                          |                         |
| Light Source Type            | UVC                                                                                                        |                       |                          |                         |
| Power Cord                   | UV-Light:4.92FT(1.5M)<br>Pump:3.94FT+0.98FT(1.2M+0.3M)                                                     |                       |                          |                         |
| Controller Size              | 3.35*1.61*0.71IN<br>(8.50*4.10*1.80CM)                                                                     |                       |                          |                         |

### 3. INSTRUCTIONS

1. Open the package and take out the UV Aquarium Filter. Check if the filter is damaged or if the power cord is broken.
2. Insert the UV Aquarium Filter into a power socket with leakage protection and the switch position above the water surface. Select the appropriate outlet tube and the matching outlet accessories. Secure and connect the filter using a suction cup, and it is now ready to work. Please ensure the filter is fully submerged in water when first used.
3. After the UV Aquarium Filter has been running for a period of time, impurities will increase the noise and cause blockages in the filter and the water inlet. Please clean up the filter debris in time!
4. Cleaning and maintenance of UV Aquarium Filter: Firstly, disassemble the pump cover and impeller cover, take out the internal rotor, ceramic shaft, and impeller, immerse the pump head and these accessories in water, and clean their surface with a brush, then put them back in place. Besides, the filter sponge needs to be cleaned and replaced regularly. The accumulation of algae on the product can compromise its oxygenation performance and cleaning efficacy. It is recommended that the unit be cleaned weekly.
5. When you need to increase the dissolved oxygen content in water, please insert the aerator nozzle into the water inlet of the filter and extend the air hose connected to the aerator nozzle. The other end of the hose must be placed outside the water. Control the air bubbles by adjusting the air flow at the end of the hose.
6. Please note that the maximum diving depth of the UV Aquarium Filter is 3.28ft(1m), and the filter must be fully submerged in water.
7. When the ultraviolet sterilization function is enabled, do not directly expose the fish to it for a long time.

### 4. PRODUCT DIAGRAM

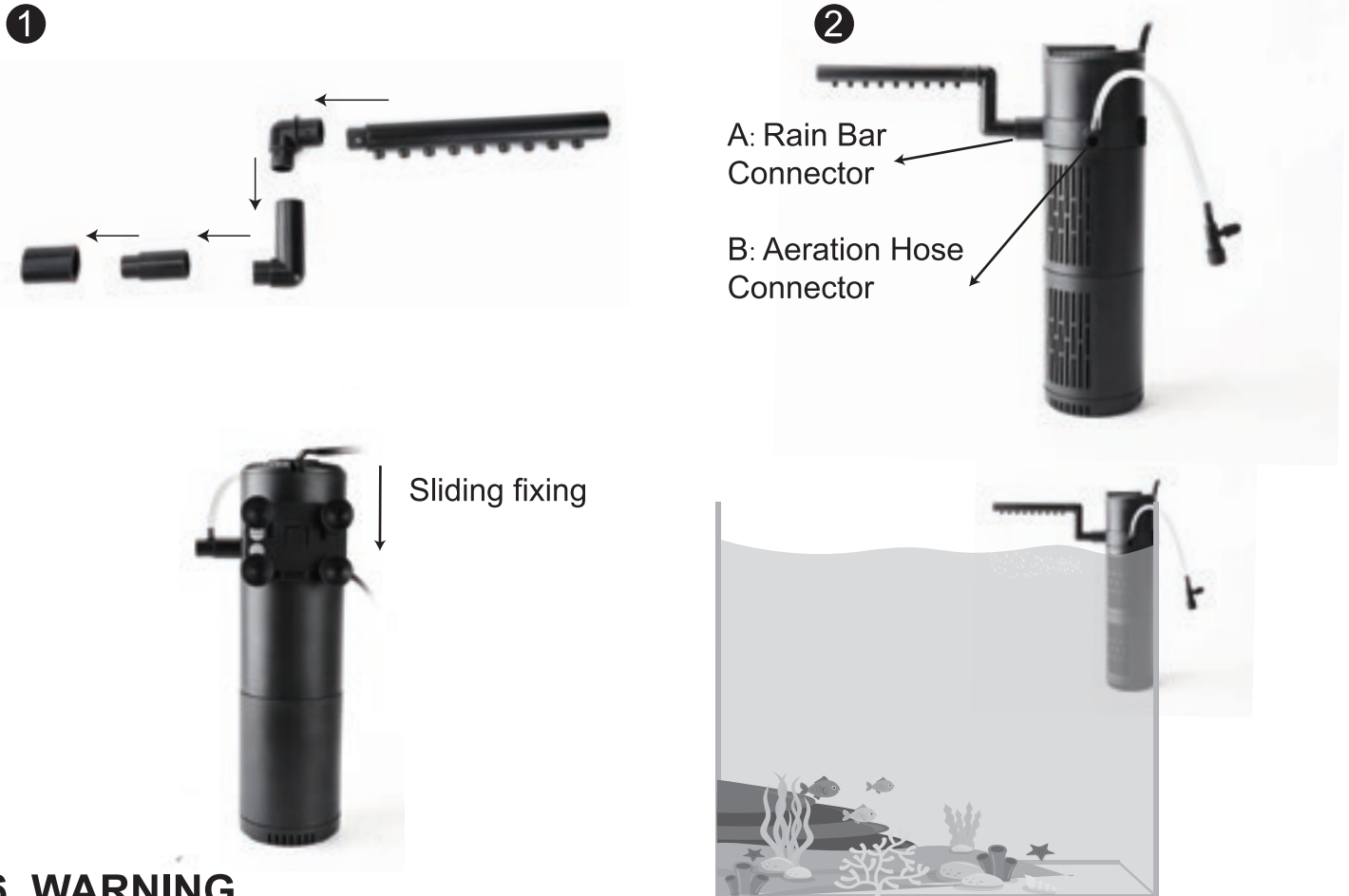


1. Water pump
2. Suction cup base
3. Rubber suction cup
4. Water pump base
5. Water pump cover
6. Rotor impeller
7. Impeller cover
8. Filter sponge
9. Aerator head
10. Air hose

11. Water outlet plug
12. Aerator nozzle cap
13. Aerator nozzle
14. Water pump cover fixing screws
15. Filter element
16. Bottom cover
17. UV lamp
18. Separable power cord
19. Power plug
20. Timing controller

21. Rain shower tube

## 5. INSTALLATION DIAGRAM



## 6. WARNING

To avoid possible electric shock, do not immerse the switch in the water. If the switch falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed are as follows:

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. Instead, return the filter to an authorized service facility for maintenance or discard it.

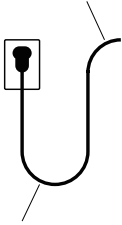
A. If the appliance falls into the water, **DO NOT** touch it. First unplug it, then retrieve it. If electrical components of the appliance get wet, unplug it immediately.

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

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

D. To avoid the possibility of the filter plug getting wet, position the aquarium and its stand 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, which connects the filter to the outlet. If an extension cord is used, the “drip loop” is the part of the cord below the level of the outlet or the connector that prevents water from 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 filter. Then, unplug and examine for the presence of water in the outlet. If you are not sure, consult a certified electrician.

#### **POWER CORD**



#### **DRIP LOOP**

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

4. This filter 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 the use of the filter by a person responsible for their safety.

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

6. Always unplug the filter from the outlet when not in use, before putting on or taking off parts, 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 filter for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition and will void the warranty.

8. Do not install or store the filter where it will be exposed to extreme weather or temperatures below freezing.

9. Make sure the filter is securely installed before operating it.

10. With a built-in UVC light for sterilization and disinfection, this product has a safe plastic casing that prevents fish from being trapped and contains the light. Do not use if the casing is broken.

11. Read and observe all the important notices on the filter.

12. If an extension cord is necessary, a cord with a proper rating should be used, such as rated amperes or watts. A cord rated for fewer amperes or watts than the filter rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.

13. The filter is intended FOR HOUSEHOLD USE ONLY.

14. SAVE THIS USER MANUAL.

## 7. HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 3 (2) years from the date of sale if this product was purchased from a hygger®-authorised specialist dealer.

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by hygger® Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 3 (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 hygger® 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 hygger® 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 hygger® products.

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

- 1.1. hygger® warrants to the purchaser, for 3 (2) years from date of original purchase through an Authorized hygger® 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-hygger® 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 hygger® must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, hygger® 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.

For more warranty information, please see the hygger website.

## 8. 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.



## 9. PACKING LIST

1x Filter with timer  
1x Bag accessories  
1x User manual

## 10. CONTACT INFORMATION

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Have a question? We're here to help:  
Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed





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Note: This is not the after-sales service contact.  
Please do not reach out here.



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