



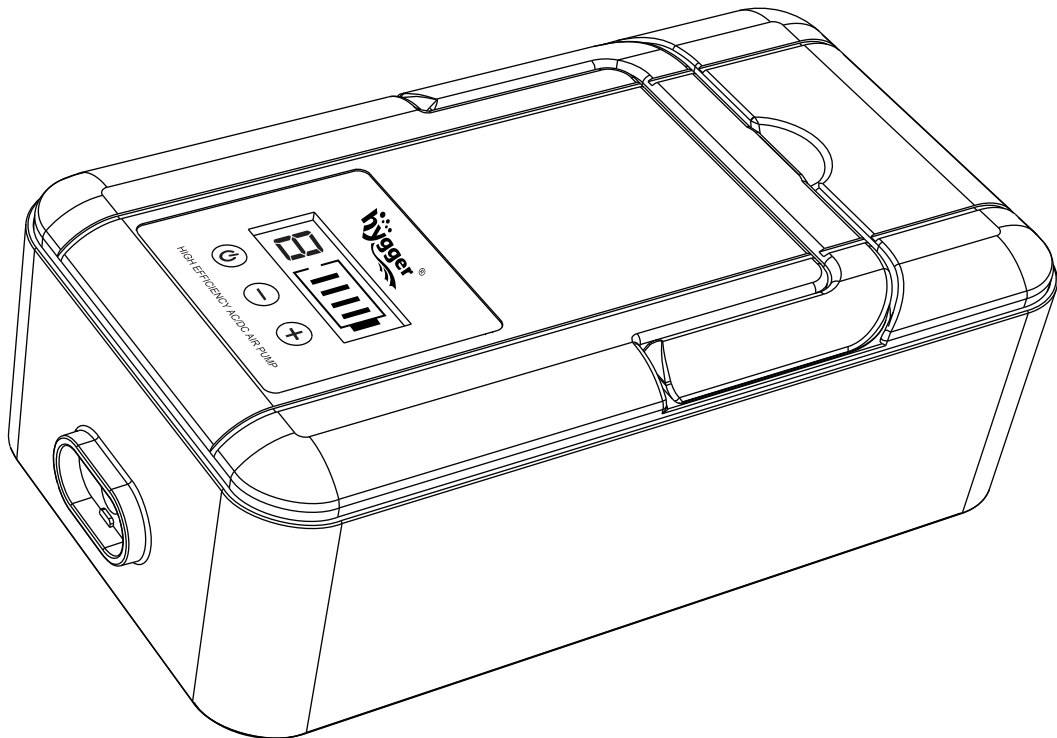
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# HG123 USER MANUAL

hygger high efficiency AC/DC air pump



The hygger high-efficiency AC/DC air pump is a versatile product with a rechargeable connector suitable for commercial breeding, domestic, aquaculture and outdoor use.

# IMPORTANT REMINDERS

 IT TURNS OFF WHEN THE BATTERY INDICATOR LIGHT IS OFF, PLEASE CHARGE IT IN TIME. IF IT IS NOT IN USE FOR A LONG TIME, PLEASE CHARGE IT BEFORE USE.

 THIS PRODUCT IS SUITABLE FOR WATER MIST ENVIRONMENTS ONLY AND NOT FOR COMPLETE IMMERSION IN WATER OR WATER FLUSHING.

Please read this manual carefully before use and follow all instructions.

## 1. PRODUCT FEATURES

**Multifunctional:** Easy to carry, suitable for fish enthusiasts or commercial transportation.

**Waterproof:** This air pump is IPx6 waterproof and can be used outdoors in rainy weather. However, avoid leaving it outside for long periods to prevent the built-in circuit and lithium battery from being damaged by water vapor.

**Super quiet Operation:** This air pump has an improved motor that reduces noise and does not disturb indoors.

**Adjustable Airflow:** There are nine airflow levels, you can adjust them according to your needs.

**Battery Indicator:** Four indicator lights on the screen show the current battery level. If the last indicator light goes out, please charge the device promptly.

**Durable:** High-quality ABS plastic housing, internal use of pure copper motor so that the service life of the air pump is longer.

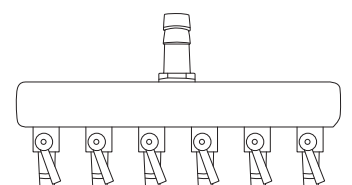
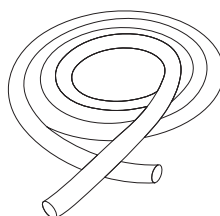
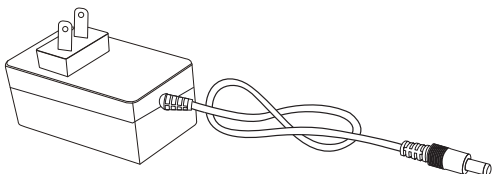
## 2. PACKING LIST

### 10W

- 1x Air pump
- 2x Air tube (2m)
- 2x Check valve
- 2x Air stone+1 Spare air stone
- 1x Adapter
- 1x User manual

### 18W

- 1x Air pump
- 1x Main tube
- 1x Check valve
- 1x Diverter valve with 6 outlets
- 6x Air tube (2m)
- 6x Air stone+2 Spare air stones
- 1x Adapter
- 1x User manual



### 3. PRODUCT SPECIFICATIONS

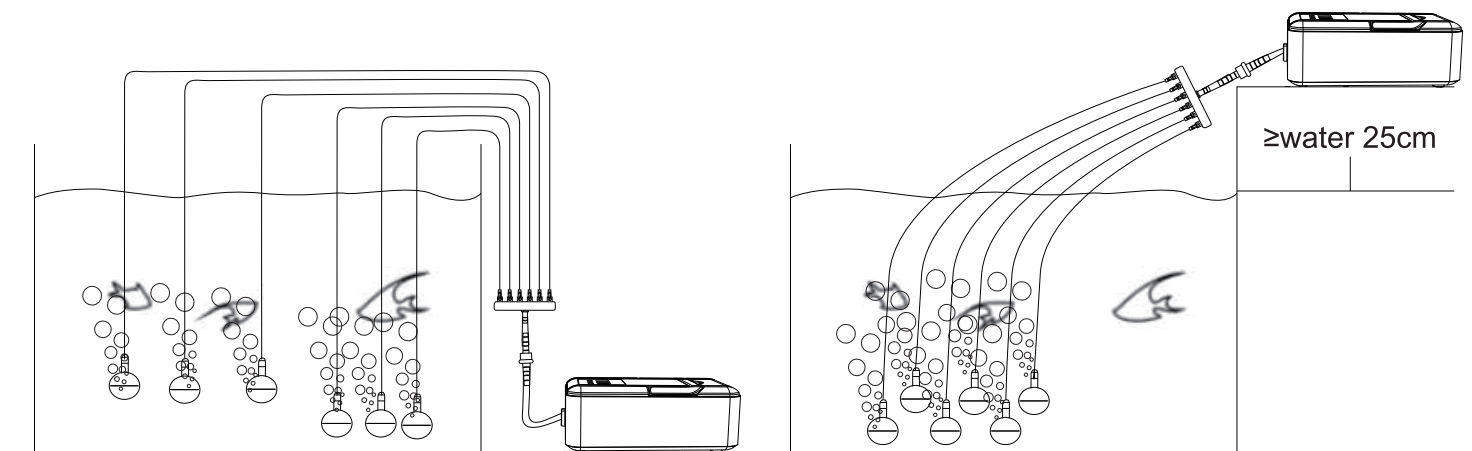
|                                 |  |                  |
|---------------------------------|--|------------------|
| <b>Model</b>                    | HG123  |                  |
| <b>Volt/Freq</b>                | Input: AC 100-240V/50-60 Hz<br>Output: DC 7.8V |                  |
| <b>Power</b>                    | 10W  | 18W              |
| <b>Airflow</b>                  | 240GPH (15L/Min)                               | 300GPH (19L/Min) |
| <b>Pressure</b>                 | 0.020Mpa                                       | 0.024Mpa         |
| <b>Cord length</b>              | 4.9FT/1.5M                                     | 4.9FT/1.5M       |
| <b>Recommended for breeding</b> | Up to 40KG                                     | Up to 80KG       |
| <b>Dimension</b>                | 10.2x5.3x3.9 inches<br>(26x13.5x10 cm)         |                  |
| <b>Working hours</b>            | ≥8 Hours                                       |                  |

### 4. INSTRUCTIONS

#### A. Following are two ways to install the air pump

Picture 1: A check valve must be installed if the air pump is placed below the water level in the tank. Failure to do so may lead to water backflowing into the pump and causing damage to it.

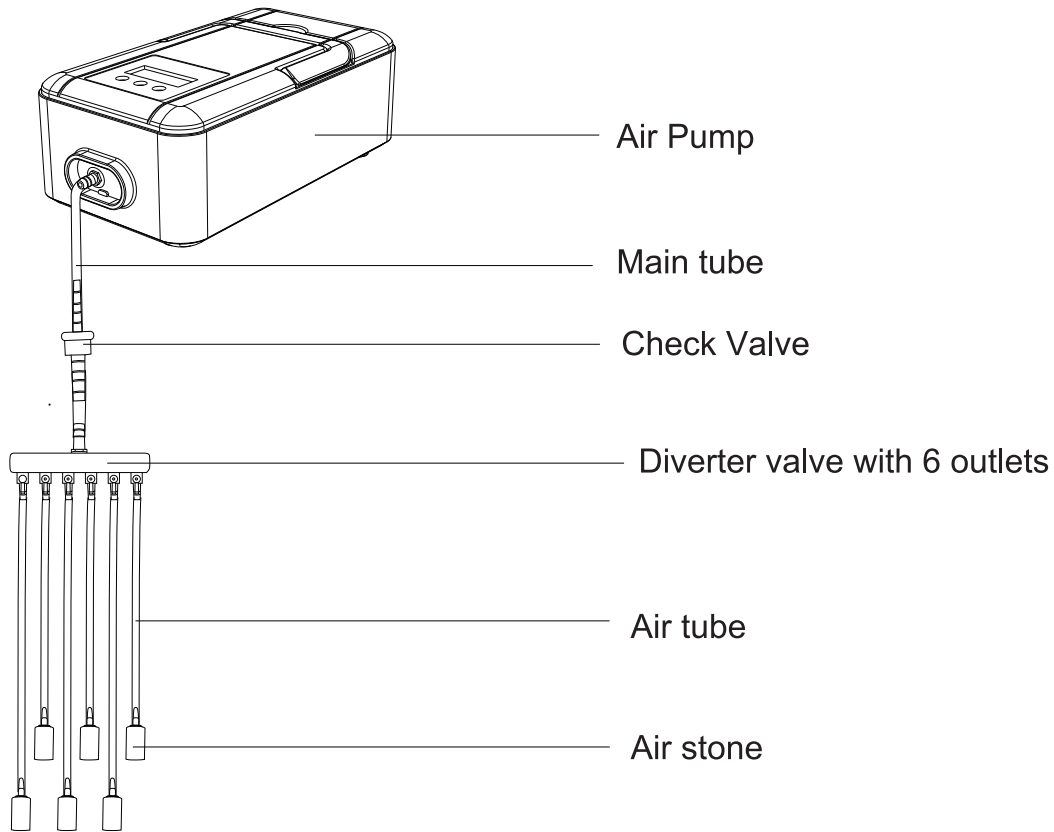
Picture 2: To prevent water backflow, place the air pump 25 cm (about 10 inches) above the water surface in the tank.



Picture 1

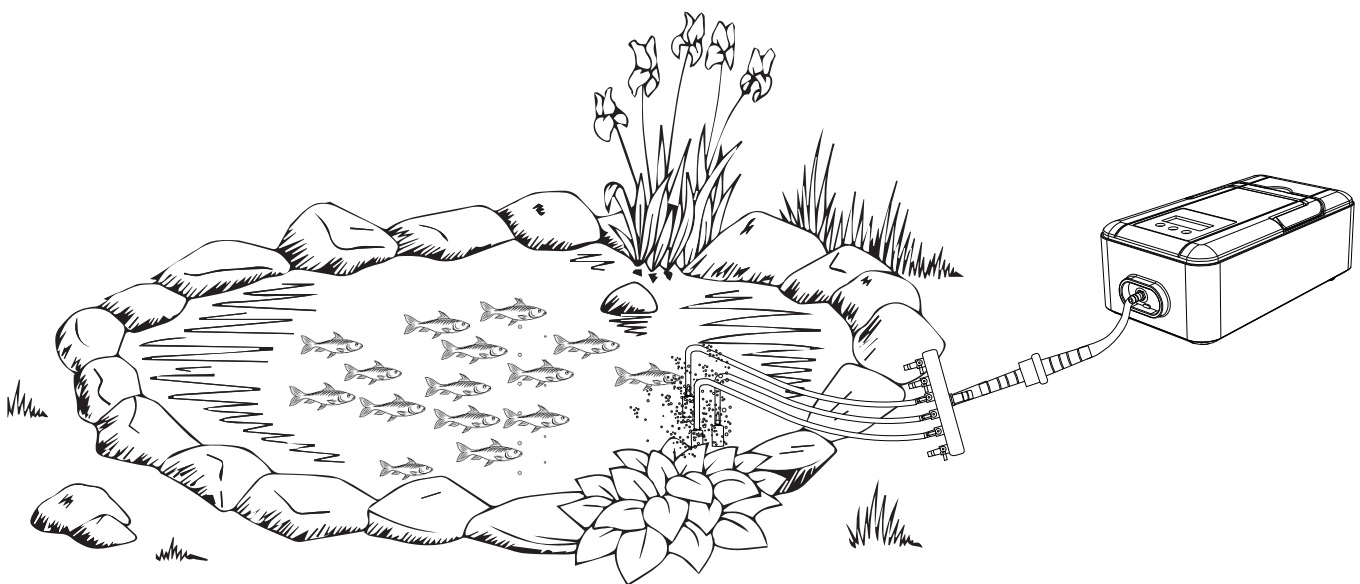
Picture 2

## B. Install the air pump with accessories

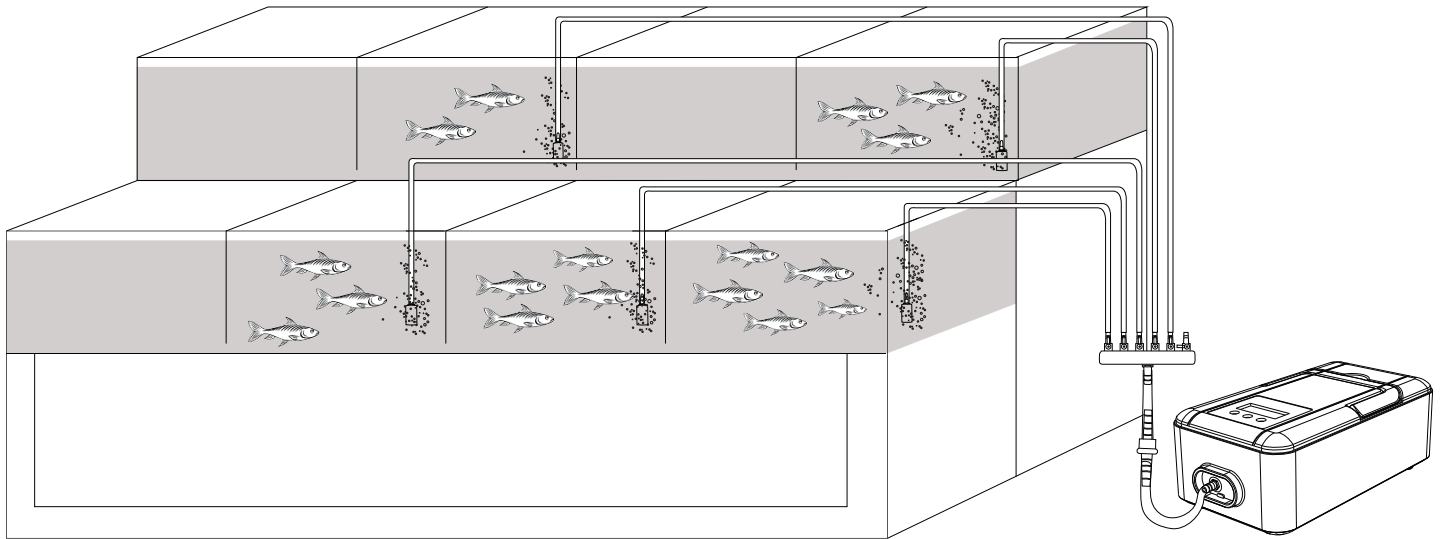


## C. Usage Scenarios

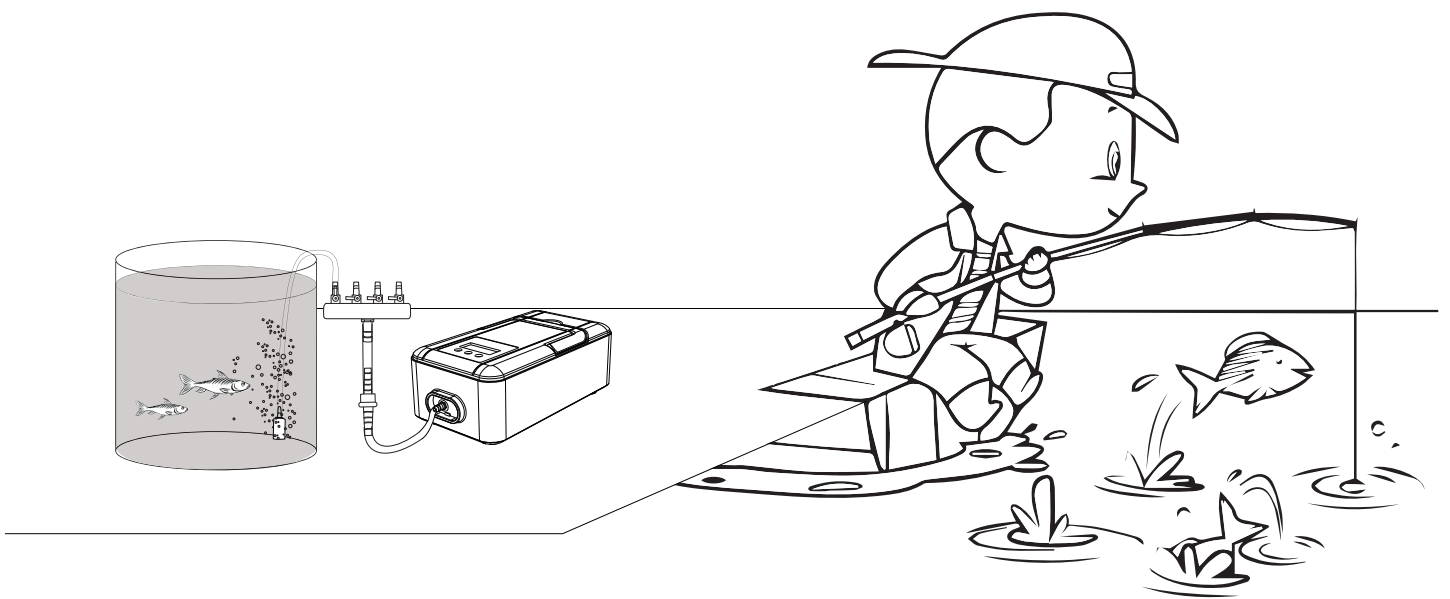
- Scene 1  
Aquaculture



- Scene 2  
Commercial Breeding



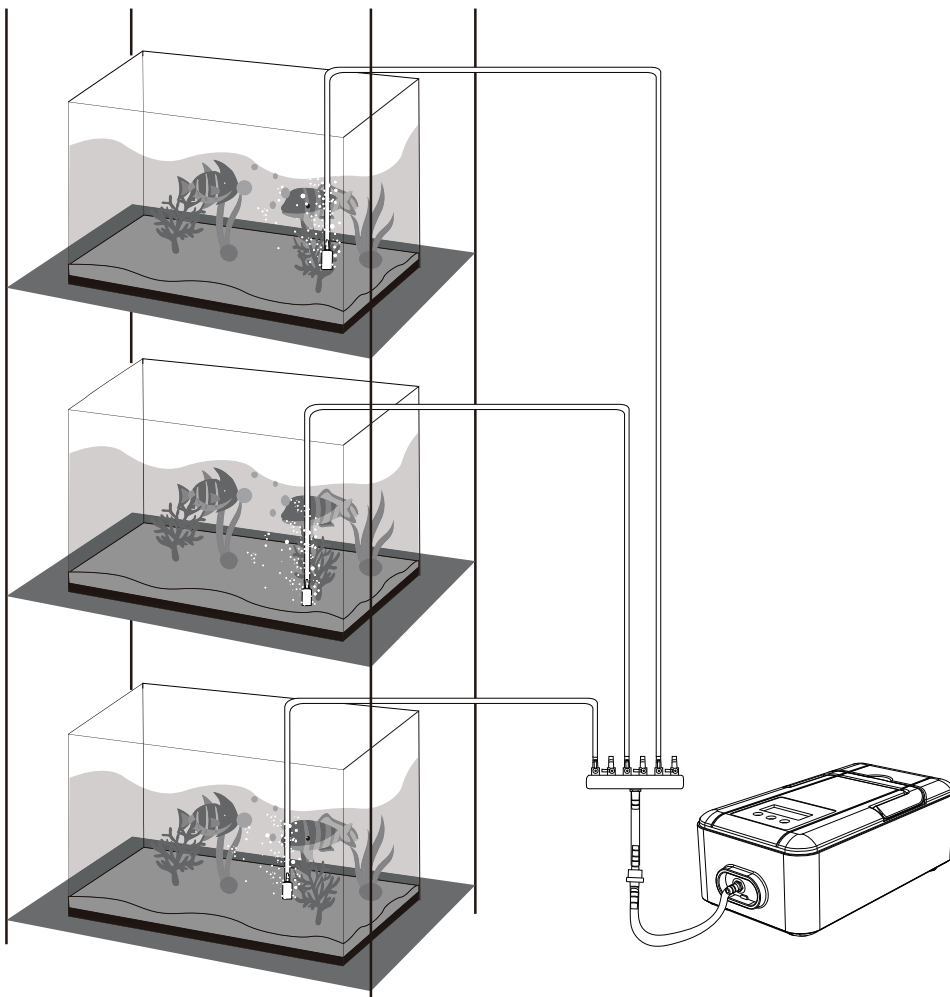
- Scene 3  
Outdoor Fishing



- Scene 4  
Transportation Oxygenation



- Scene 5  
Domestic Use



## 5. ATTENTIONS

- Please read and follow this user manual carefully before using it.
- Please install the air pump with check valves or place the air pump 25cm (10 inches) higher than the water surface to avoid water backflow and potential damage to the pump.
- Place the air pump on a flat surface and put a towel or rubber mat under the pump to reduce the noise further.
- Please do not immerse the pump in water.
- Please keep the air pump away from visible flame to avoid accidents.
- Please unplug the power and contact the seller if the air pump does not work, overheats, or makes unusual noise. **PERSONAL DISASSEMBLY WILL VOID THE WARRANTY**
- Please soak the air stones before first use to get perfect bubbles.
- With increased use, debris, algae, and minerals in the water may clog the pores in the air stone, reducing air volume. Please clean the air stone in time or replace it if necessary.
- Please unplug the power before maintenance.
- Please notice that the operating temperature range for the air pump is between 33.8°F-95°F (1°C-35°C).
- Please note that the maximum water depth for the air stone is 4.9 feet (1.5m).

## 6. TROUBLESHOOTING

| Trouble                  | Explanation  | Solutions  |
|--------------------------|--|--|
| Unusual noise            | Unusual noise or vibration is usually caused by an uneven surface or faulty connection | Ensure the air pump is placed on a level surface and check all connections       |
| No air or low air        | The air stone is placed too deep in the water  | Place the air stone less deeply into the water                                   |
|                          | The air stone was not soaked in water before use                                       | Pre-soak the air stone for approx. 30 minutes before using it for the first time |
| The air pump doesn't run | Failed to connect to the power supply  | Plug the cord into an outlet   |
|                          | Low battery  | Charge in time   |



## 7. WARNING

To avoid possible electric shock, do not immerse the pump in the water. If the pump 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:

**CAUTION:** To avoid the risk of electric shock due to water backflow, the pump should be used with a check valve or positioned higher than the water level in the tank.

1. Read and follow this user manual strictly.

2. **DANGER** - To avoid the possibility of electric shock, special care should be taken when using aquarium equipment since water is involved. In any of the following situations, do not attempt to repair yourself. Instead, return the pump to an authorized service facility for maintenance or discard it.

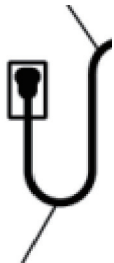
A. If the pump falls into the water, do not touch it. First unplug it, then pull it out. If electrical parts of the pump get wet, unplug the pump immediately.

B. Check the pump carefully after installation. It should not be connected if there is water on parts that are not intended to be wet.

C. Do not operate the pump if it has a damaged cord or plug, is faulty, has been dropped or damaged in any way. The power cord for this pump is not replaceable. If the cord is damaged, the pump should be discarded.

D. To avoid the possibility of the pump plug getting wet, position the aquarium and stand to one side of a wall mounted socket to prevent water dripping onto the socket or plug. A "drip loop", as shown in the diagram below, should be provided by the user for each cord connecting the pump to the socket. If an extension cord is used, the "drip loop" is the part of the cord below the level of the outlet or plug that prevents water from travelling along the cord and coming into contact with the outlet. If the plug or socket does get wet, **DO NOT** unplug the cord. Remove the fuse from the circuit breaker that supplies power to the pump. Then unplug the power cord and check for water in the outlet. If in doubt, consult a qualified electrician.

**POWER CORD**



**DRIP LOOP**

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

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

5. Always unplug the pump when it is not in use, before assembling or disassembling parts, before carrying out maintenance or before putting your hands in the water. Never pull on the cord to unplug. Grasp the plug and pull to disconnect.

6. Do not use the pump for any purpose other than its intended use. The use of attachments not recommended or sold by the manufacturer of the equipment can lead to an unsafe condition and will void the warranty.

7. Do not install or store the pump where it will be exposed to extreme weather or temperatures below freezing. This pump is suitable for use in water temperatures between 40~95°F.

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

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

10. If an extension cord is required, use a cord with the correct rating, such as amperes or watts. A cord rated for less amps or watts than the pump rating may overheat. Care should be taken to arrange the cord so that it cannot be tripped over or pulled.

11. The pump is intended FOR HOUSEHOLD USE ONLY.

12. SAVE THIS USER MANUAL.

## **8. ONE YEAR LIMITED WARRANTY**

This product MUST be purchased from an authorized hygger reseller. Visit our website for a list of authorized resellers. hygger warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of the original retail purchase and is none-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:** hygger One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications. Additionally, products that have been refunded are also not covered under the warranty.

If you discover a defect, please contact hygger, 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 a proof of the original purchase date in the event of the product needing repairs within the warranty period. hygger does not warrant any products that aren't hygger'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 hygger.

## **9. DISPOSAL**

Do not dispose of this product as unsorted municipal waste. Such waste must be collected separately for special treatment. This product must be disposed of at an authorized site for the recycling of electrical and electronic equipment, and not together with household waste. Collecting and recycling waste is a way of conserving natural resources. Please contact your local retailer to ensure that this product is disposed of in an environmentally friendly way.

## 10. CONTACT INFORMATION

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