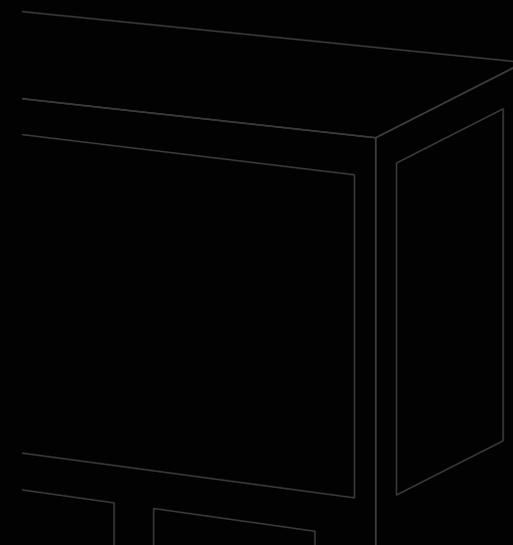
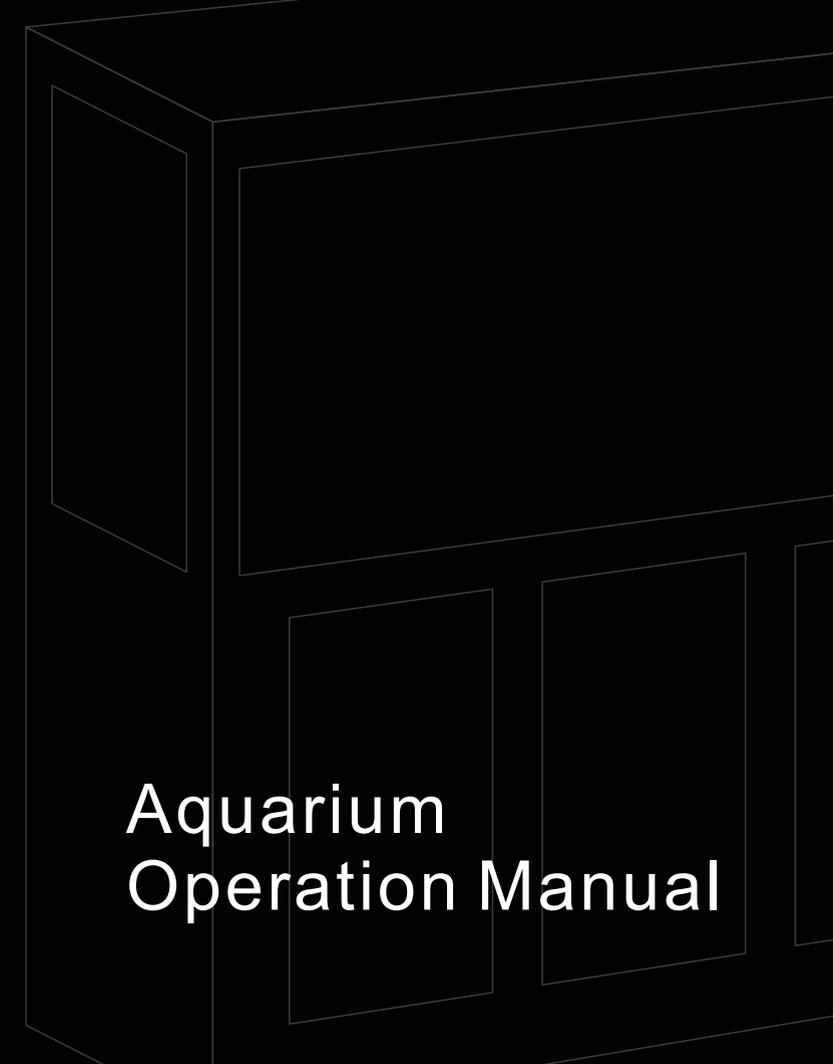


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**Aquarium  
Operation Manual**



# Catalog



Clear Aquatics

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Dear customers, thanks for choosing Clear Aquarium!

In order to use our aquarium safely and properly, please read the manual carefully.

### I .Precautions

#### (1)Installation and Maintenance

- 1.Please check carefully if there is shipping damage when take out from the package.
- 2.The platform which placed the aquarium need flat、 neat and dry,  
otherwise the aquarium may be damaged because of the uneven or misture.
- 3.Don' t move the aquarium when filled with water.
- 4.The raw material of aquarium is glass and acrylic, plese handle with care.
- 5.Don' t put anything on the top of the tank.
- 6.When installation, washing, repair need professionals operate.
- 7.Please use soft cotton cloth for cleaning.
- 8.Do not play around the aquarium.
- 9.Any damage of the aquarium caused by soak it is not under warranty.

#### (2).Electric appliances safe usage

- 1.All eletric appliances should install leakage protector,when cleaning, installation, fix, please cut off the power.
- 2.Please check whether the power supply voltage is correct, in China this product power supply is 220V–230V 50Hz.
- 3.If there any stange semlls or unusual sounds, please cut off the power and contact with local dealer immediately.
- 4.Don' t connect other electrical appliances in the socket which is special for aquarium.  
(Especially high–power electrical appliance.)
- 5.Please keep hands dry when pull out the plug.
6. Please cut off the power when there is nobody at home for a very long time.
7. The lighting time for the aquarium should less than 8 hours.
8. The oxygen pump must connect the check valve to avoid the water return which will lead to the air pump short–circuit.
9. Please do not take the lamp lid and other electric appliance apart.

## II. Installation Procedures:

### (1). Glass aquarium installation:

Glass aquarium is mainly composed of lamps and lanterns, tank, filter tank, cabinet etc. Refer Fig. 1

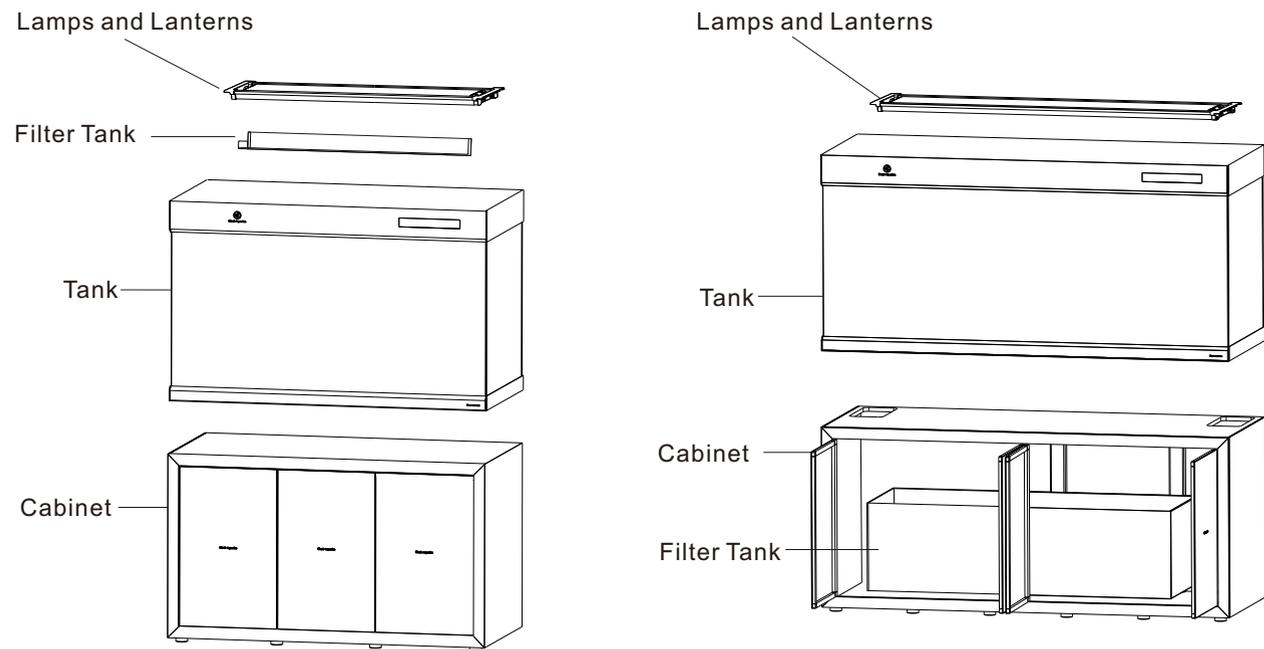
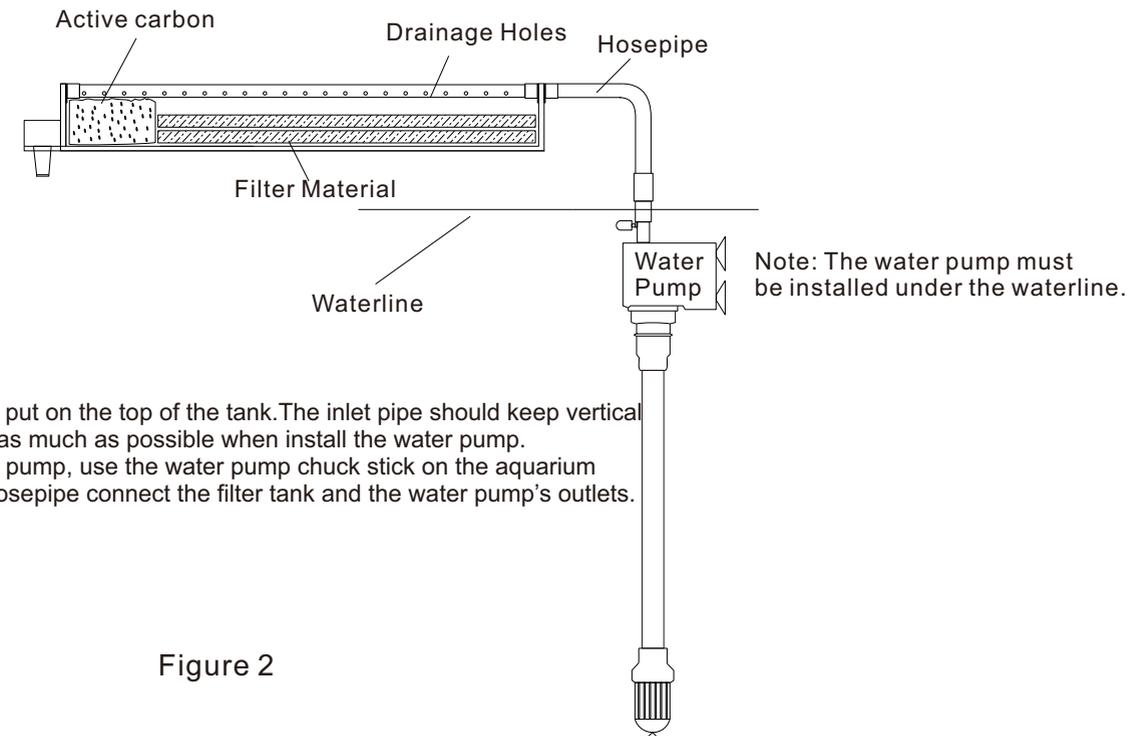


Figure 1

### ① Top filter installation

Refer Fig. 2



Note:

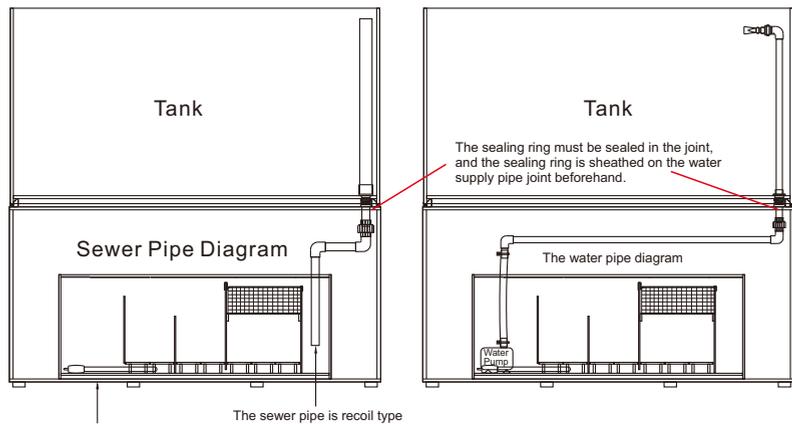
- 1) The filter tank should put on the top of the tank. The inlet pipe should keep vertical with the water pump as much as possible when install the water pump.
- 2) After install the water pump, use the water pump chuck stick on the aquarium wall then make the hosepipe connect the filter tank and the water pump's outlets.

Figure 2

## ② Sump Filter Installation

Refer Fig 3.

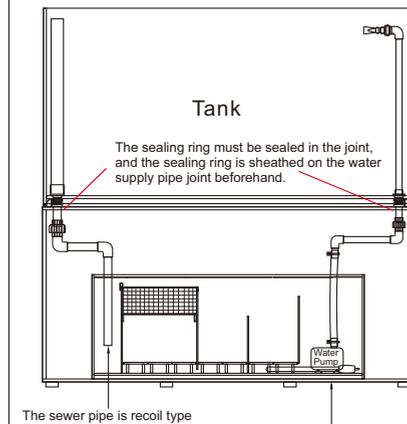
Partition Tank Pipe Installation Drawings



The placement diagram of heater  
The heater must be completely submerged by water.

Figure 3

Against Wall Tank Installation Drawings



The sewer pipe is recoil type

The placement diagram of heater  
The heater must be completely submerged by water.

## Sump Filter Installation Note

- 1.The plumbing joints must be sealed with sealing rings, and the two sealing rings are sheathed on the water pipe joint in advance;
- 2.Check the sealing ring for the inlet and outlet pipe connections is in good condition;
- 3.Connect the water pipe and water pump with silicone tube, and both ends of the silicone tube must be locked with hose clamps;
- 4.If installed heater, it must be completely submerged by water;
- 5.For sump filter aquarium should add water in the tank first, and the water level of the tank flows over the sewer pipe, then the water will flow into the filter tank, when the water level in the filter tank reaches the highest water injection line, stop adding water;
- 6.When the filter tank is short of water during the operation, close the water pump first, after the water of the sewer pipe do not flow to the filter tank, inject water into the filter tank, and stop adding when the water level reaches the highest water injection line of filter tank;

## ③ Built-in Filter Installation:

Refer Fig 4.

1. Customer just need put the water into tank as the filter is configured, then connect the power is ok.
- 2.In order to prevent water pump damage please add water in time as the water will be evaporated constantly, and keep the water level in the half of the oil suction hole.

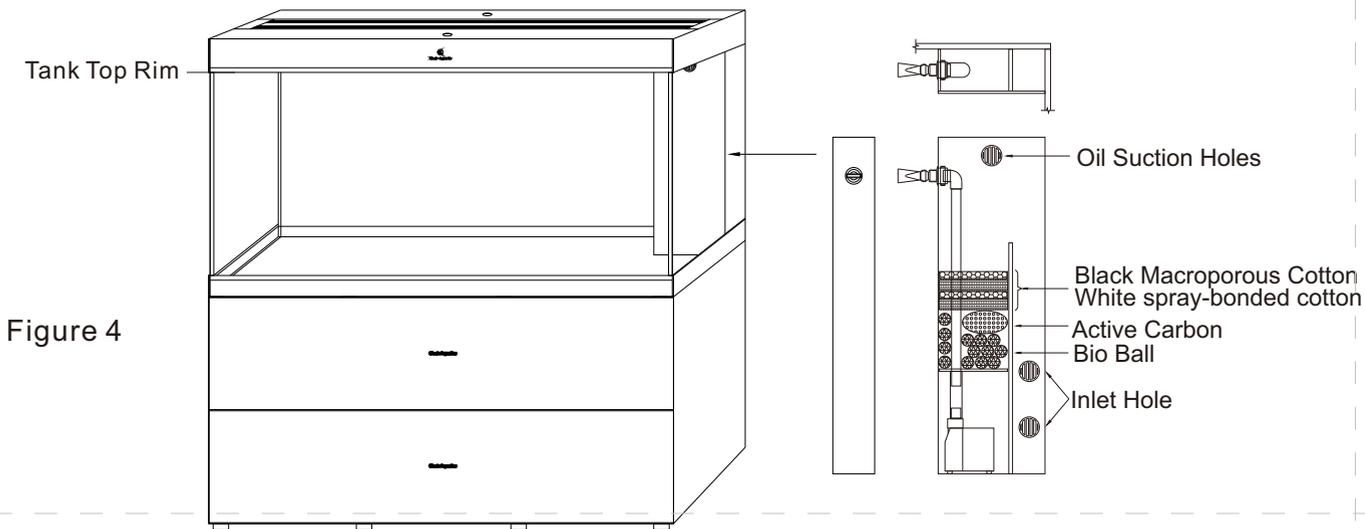


Figure 4

**(2). Acrylic Aquarium Installation:**

Acrylic aquarium is mainly composed of top cover, filter box, lamps and lanterns, tank, base etc.

Refer Fig 5.

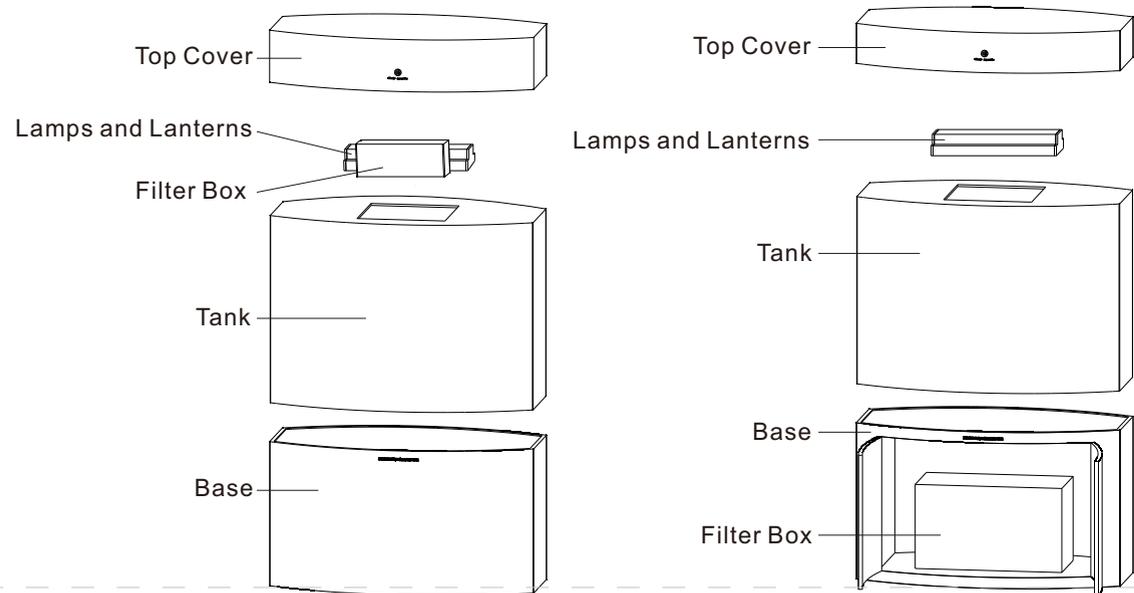


Figure 5

**① Acrylic Aquarium Top Filter Installation**  
Refer Fig 6.

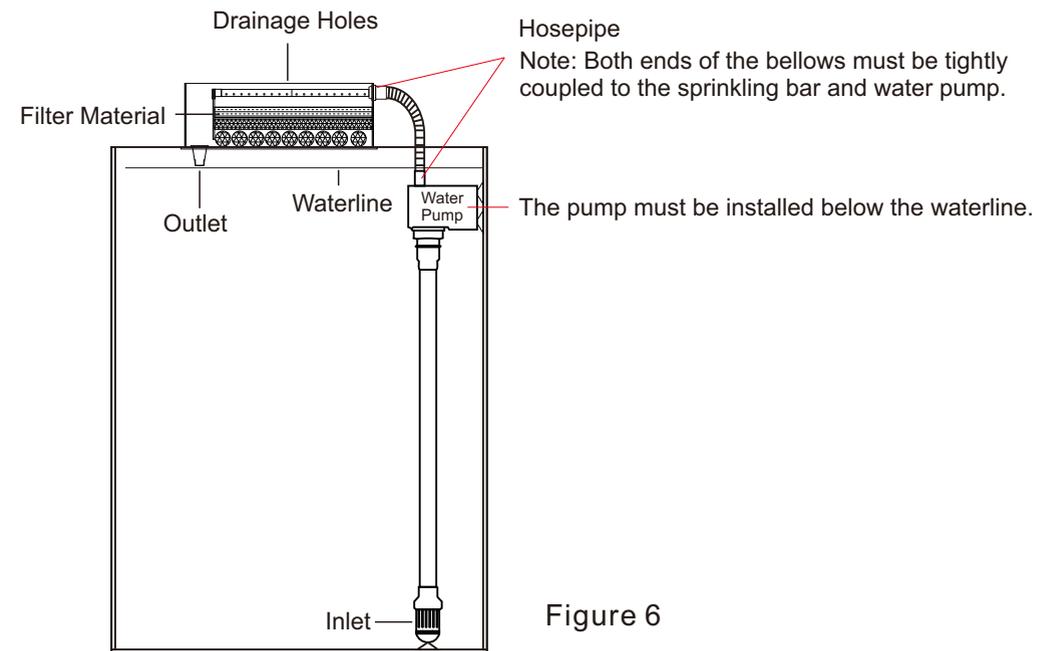


Figure 6

## Acrylic Aquarium Sump Filter Installation

Refer Fig 7.

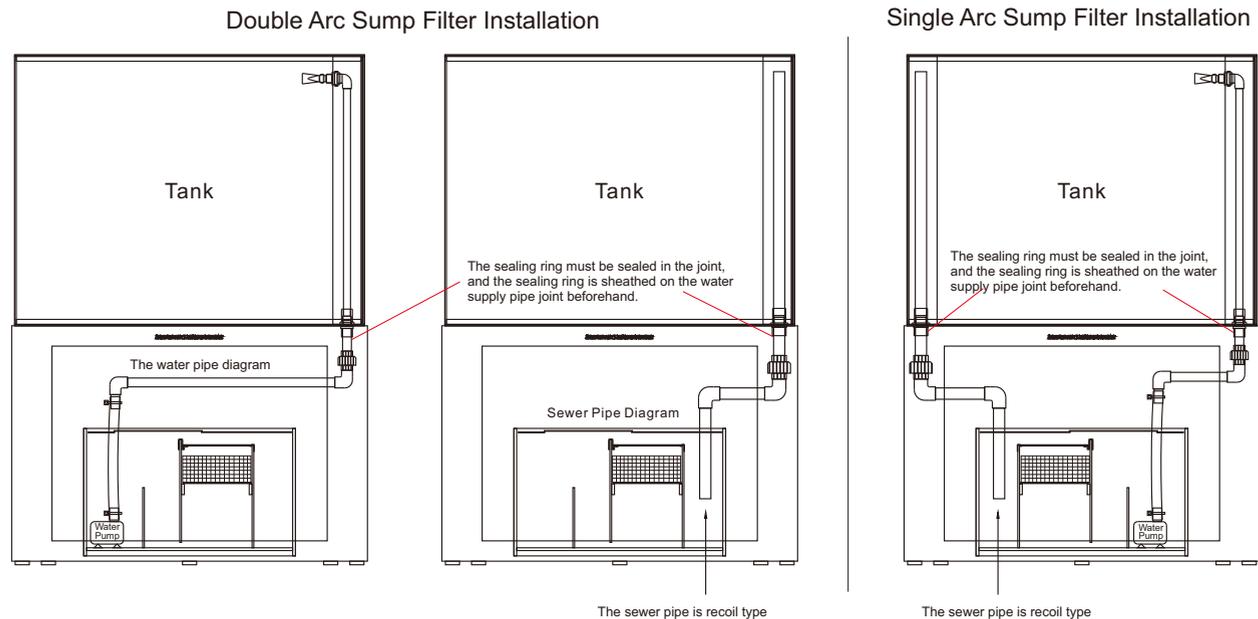


Figure 7

### Acrylic Sump Filter Installation Notes:

1. The plumbing joints must be sealed with sealing rings, and the two sealing rings are sheathed on the water pipe joint in advance
2. Check the sealing ring for the inlet and outlet pipe connections is in good condition;
3. Connect the water pipe and water pump with silicone tube, and both ends of the silicone tube must be locked with hose clamps;
4. If installed heater, it must be completely submerged by water;
5. For sump filter aquarium should add water in the tank first, and the water level of the tank flows over the sewer pipe, then the water will flow into the filter tank, when the water level in the filter tank reaches the highest water injection line, stop adding water;
6. When the filter tank is short of water during the operation, close the water pump first, after the water of sewer pipe do not flow to the filter tank, inject water into the filter tank, and stop adding when the water level reaches the highest water injection line;

### III. Installation Notes

1. The location where place the aquarium need to be flat and dry.
2. The water in the tank can't exceed the wateline.
3. According to personal interests to make the scenery for the aquarium.
4. The filter system must be installed.
5. When electrify, please keep the lamp and lanterns dry and tidy.
6. The air pump must be above the water and the bubble tube must install the check valve.

#### IV. Drain Valve Installation Method

First Step: Connect the male with the valve and screw it tightly, please check carefully as there is seal ring inside.



Second Step: Both ends of the soft tube should be assembled straight joint and screw it tightly.



Third Step: Use one side to connect with the valve, other side connect with the drain value of the tank, then it is ready.



#### V. Aquarium Routine Maintenance

FAQ	Reasons	Handling
The water is turbid	The filter did not install well	Checking whether install properly
	The filter cotton has too much impurities	Washing or changing the filter cotton
	The power of water pump is not strong enough or damaged	Change the kits in time
The water temperature is not stable	The power of heater is not strong enough or damaged	
The bubble line is no bubbles	The bubble line blocked	Change the kits in time
	The air pump is aging or damaged	
The lamps do not light or getting dimmed	The lamps is damaged	Change the kits in time
	The ballast is broken	

## VI. Product Warranty

Item	Warranty Scope	Warranty Period	Warranty Statement
Glass Aquarium	<ol style="list-style-type: none"> <li>The tank or the filter tank leakage.</li> <li>Tank and filter tank is non-artificial damage.</li> </ol>	One year	Above warranty items not including: <ol style="list-style-type: none"> <li>Tank, filter tank, cabinet which is artificial damage.</li> <li>The scratch on the aluminium alloy, acrylic or glass, or acrylic corner and edge breakage. Please check carefully when you purchase.</li> <li>When move or wash the aquarium please ask professional person do it.</li> <li>Transport damage</li> </ol>
Acrylic Aquarium	<ol style="list-style-type: none"> <li>Tank leakage, tank damaged.</li> <li>The integrity of the whole tank inside structure.</li> </ol>	One year	Above warranty items not including: <ol style="list-style-type: none"> <li>Tank, filter tank, base which artificial damage.</li> <li>The scratch on the acrylic, or acrylic corner and edge breakage. Please check carefully when you purchase.</li> <li>When move or wash the aquarium please ask professional person do it.</li> <li>Transport damage.</li> </ol>
Electric Appliances	<ol style="list-style-type: none"> <li>Water pump</li> <li>LCD board, control box</li> <li>Ballast</li> <li>Lamps and lanterns</li> </ol>	Three months	Artificial damage is not in the warranty.

## VII. Warm Prompt.

- All our aquarium do not assemble heater、 thermometer.
- Please connect the check value on the glas piping when use oxygen pump.
- The base、 cabinet、 electric appliance should preven water and moisture.

### Special Tips:

All our product structure and apperance has applied patent, any individual or unit without permission shall not be counterfeit production and sell of our products. Otherwise, will be subject to the law.



**Clear Aquatics**