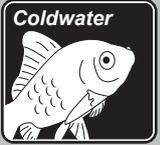


# Horizon

65 / 130 / 182



**1**  
YEAR  
GUARANTEE



Instruction version:27/07/2017

[www.aquaone.com.au](http://www.aquaone.com.au)

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# Important Safeguards

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

1. Read and follow all safety instructions and important notices in these instructions as well as on the product itself.

2. This appliance is not intended for use by children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

3. To avoid possible electric shocks, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations do not attempt repairs yourself. Return the appliance to an authorised service facility for service or discard the appliance.

a. If the appliance or any electrical component of the appliance (non-immersible equipment only) falls into the water or gets wet, do not reach for it. Unplug it and then retrieve it.

b. If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source.

c. Carefully examine the appliance after installation. It should not be plugged in if there is water on parts which are not intended to be wet.

d. Do not operate the appliance if it has a damaged cord or plug, or if it is malfunctioning, or dropped or damaged in any manner.

4. A “drip loop” (see graphic) should be arranged for each cable connecting an aquarium to a power supply. The drip loop is the part of the cable below the level of the power supply. It prevents water travelling down the cable and coming into contact with the power supply. If the plug or the socket does get wet, do not unplug the appliance. Disconnect the fuse or circuit breaker that supplies the power to the appliance, then unplug and examine for presence of water in the socket.

5. Always unplug the appliance from the electrical outlet when not in use, before putting on or taking off parts, before any type of maintenance or cleaning.

6. Never yank the cable to pull it from the socket. Pull the plug carefully to disconnect.

7. Do not use the appliance for reasons other than the intended use. The use of attachments that are not recommended or sold by the manufacturer may cause the product to be unsafe. This is not recommended.

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

9. Make sure any component mounted on a tank is securely installed before operating it.

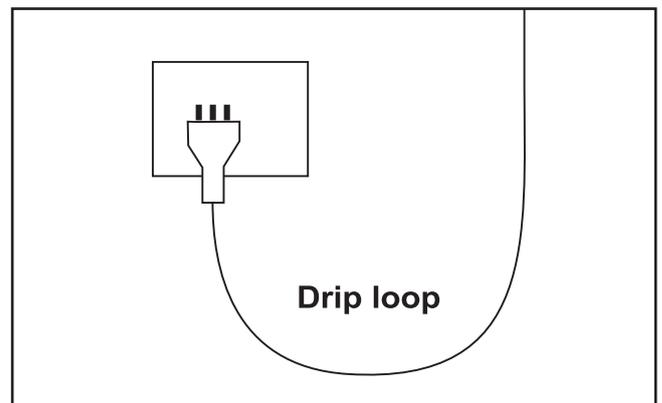
10. Ensure input voltage is the same voltage as your local power supply.

11. If an extension cable is used it should have the proper rating. Care should be taken to arrange the cord so that it will not be tripped or pulled.

12. A G.F.C.I (Ground fault circuit interrupter) & surge protector is recommended for all electrical appliances.

13. Ensure your hands are dry when turning the power switch on/off and when inserting/removing the power cable from the socket.

14. If you are in any doubt about the electrical installation or safety of this product you must consult a qualified electrician.



**For Guarantee Conditions, please refer to the Guarantee form that is enclosed with this product.**

All products are supplied with fitted plugs. This plug should not be tampered with in any way or removed. Removal or tampering with the plug invalidates our guarantee offered with this product.

For UK a 3 pin adaptor is supplied with the product and this must be used.

## Before First Use / Preparation

Read and follow all the instructions, even if you feel you are familiar with the product and find a place to keep the instructions handy for future reference. Your attention is drawn particularly to the sections concerning **“IMPORTANT SAFEGUARDS”** and the **“GUARANTEE CONDITIONS”**. Please ensure you retain your original purchase receipt in the event that guarantee service is required.

Carefully unpack the aquarium making sure you keep all the packing material until all the parts of the product have been found and the product has been assembled.

This product is shipped to you in a factory sealed carton. Should the product malfunction in any way or if the unit is damaged and requires replacement, contact the retailer where the product was purchased for inspection.

## Aquarium Set Up Instructions

### ASSEMBLE STAND ACCORDING TO INSTRUCTIONS

1. Consider where you are going to place the aquarium. Avoid direct sunlight and areas that experience large temperature fluctuations such as near heaters or air conditioners.

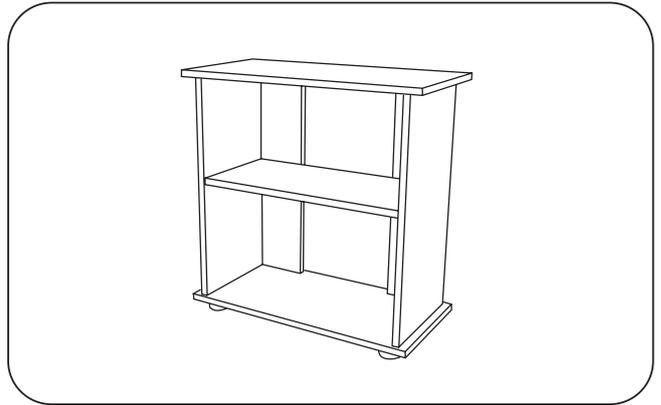
2. Wash your hands and arms. It is very important to remove dirt, moisturiser and other impurities. It is important to do this whenever you work on the aquarium.

3. Rinse the inside of the aquarium with water to remove any dust or other contaminants.

**DO NOT WASH ANY PARTS IN SOAP OR DETERGENT.**

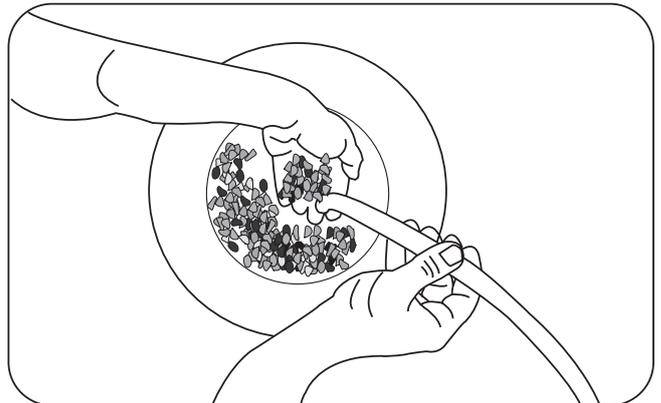
4. Check and prepare filter according to filter instructions.

5. Place the aquarium on the included stand ensure the stand is on a level floor.



6. Wash aquarium gravel (sold separately). Place a portion of the gravel in a bucket, run water through and churn it over with your hand until the water is running clear. It is important to wash the gravel thoroughly. Repeat this process until all the gravel has been washed.

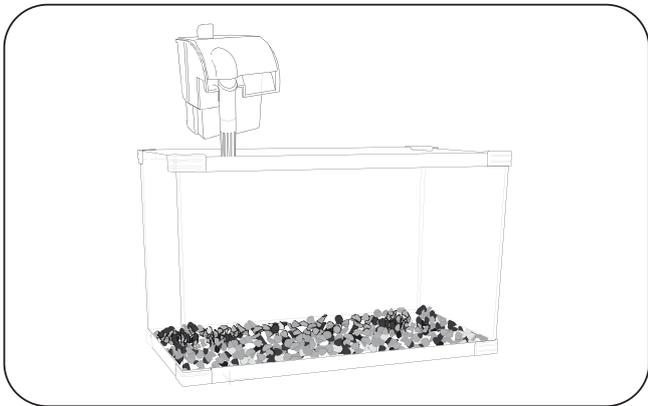
Always use a new bucket or one that has never been used with cleaning products or other chemicals.



7. Place washed gravel over the base of the aquarium.

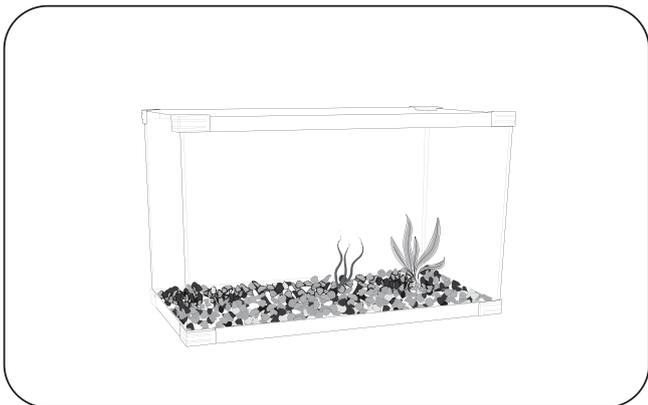


8. Place the filter against the back wall at one corner of the aquarium



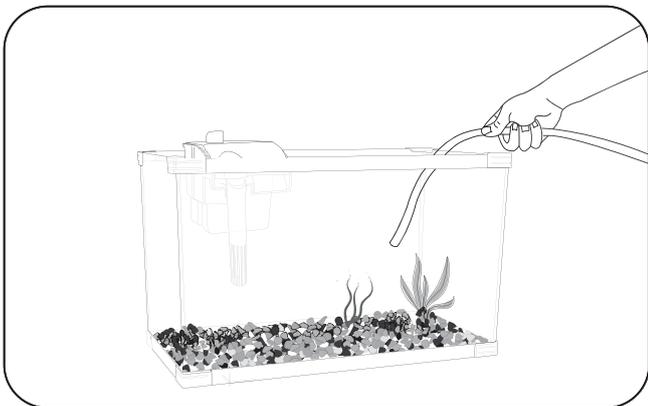
9. Install the heater. Follow the instructions supplied with the heater to set the temperature. DO NOT turn the heater on when it is not submerged.

10. At this stage place plastic plants and decorations.

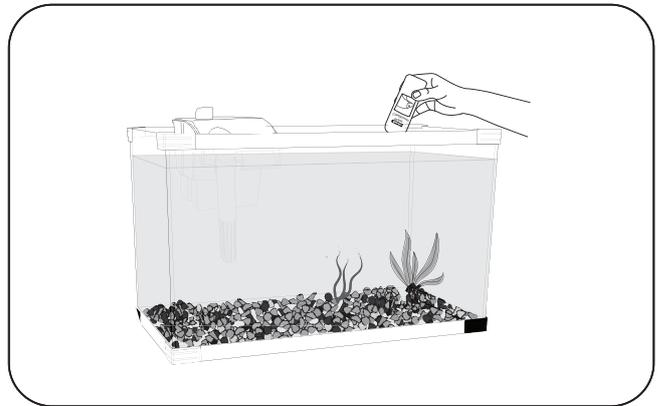


11. Fill the aquarium with tap water to approximately 3cm below the glass braces.

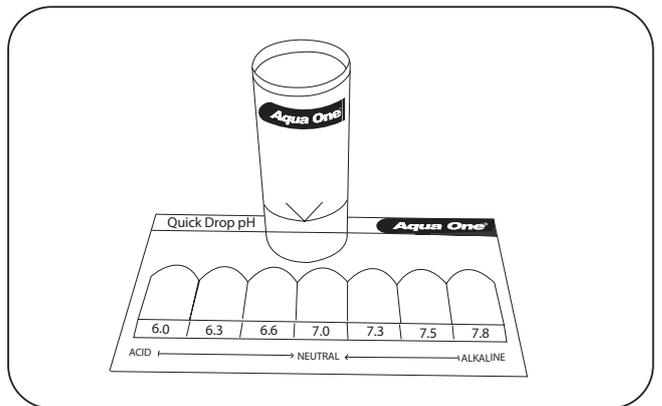
Fill gently to avoid disturbing decorations and gravel,



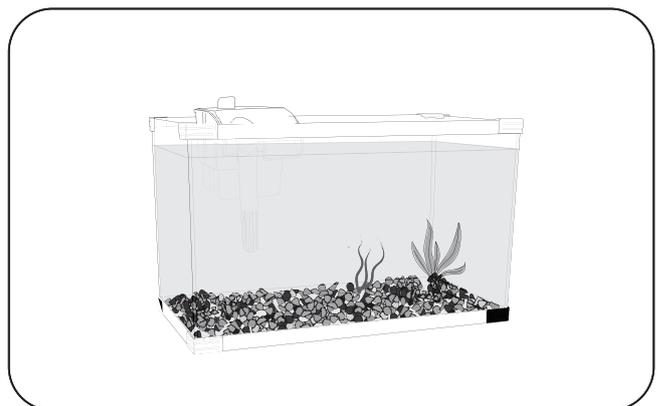
12. Use a good quality water conditioner (sold separately) to remove harmful chlorine and heavy metals from tap water.



13. Test and adjust pH levels.



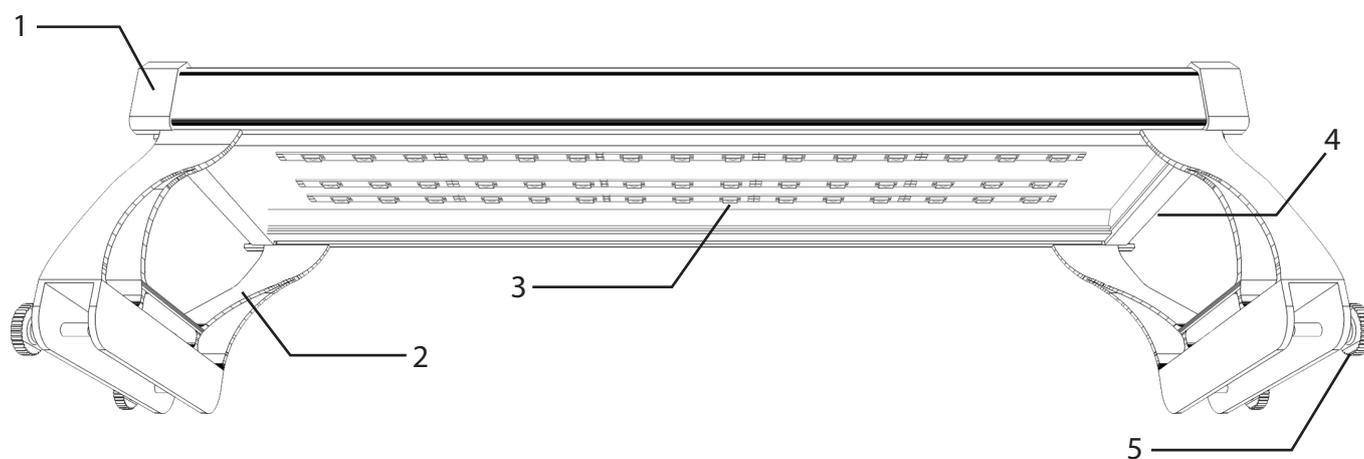
14. Allow the aquarium to stand for 5-7 days before introducing a few hardy fish.



15. Seek advice from your retailer for correct fish numbers and species compatibility.

# Set Up Instructions

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## Set up/Parts

1. Endcap
2. Tank Mounting Bracket
3. LED Strip
4. Switch
5. Screw

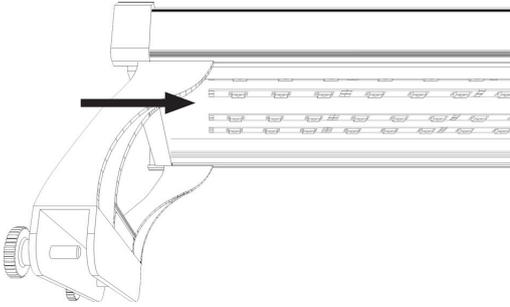
# Light Unit Installation

# Tank Maintenance

## Step By Step Guide

Refer to diagram on page 6 for parts identification.

1. Slide the mounting brackets into the channels located at the bottom of the endcaps.



2. Mount the light unit on the sides of the aquarium. Adjust the mounting brackets to the appropriate locations so that the brackets sit on the edges of the aquarium. Secure the light unit using the screws on the outside of the mounting brackets.

### **DO NOT OVER TIGHTEN SCREWS.**

Ensure the light unit is centred over the aquarium.

3. Ensure your hands are dry and connect the light unit to the power supply unit. Connect the power supply unit to the power outlet. Switch the power on using the switches at the end of the light unit.

## **DAILY:**

Feed your fish as per instructions on your fish food container (Sold separately).

Check temperature

Ensure all equipment is running correctly.

Ensure there is sufficient water in the aquarium. When the water level drops due to evaporation the Filter pump will begin to suck air, which may cause damage to the filter.

When topping up evaporated water, always use dechlorinated tap water or suitably filtered water.

## **WEEKLY:**

Test water parameters including pH, ammonia, nitrite, nitrate and carbonate hardness. Use Aqua One test kits (sold separately) which will allow you to easily and accurately monitor your water quality.

Some fish and plant species require specific water conditions. Please seek advice from your aquarium specialist.

## **FORTNIGHTLY: 25% water change**

What you will need: A bucket, gravel cleaner, a towel, water conditioner, filter supplement and clean hands.

1. Open the Lid of the aquarium
2. Turn the filter and light off. If you have installed a heater turn this off as well.
3. The fish and plants do not need to be removed when doing any maintenance.
4. Place the towel on the floor in front of the aquarium to guard from water spillage.
5. Use an Aqua One 4 in 1 algae scraper (Sold separately) and gently scrape away any algae growing on the glass or filter pipes.
6. Using an Aqua One Gravel Cleaner\* (Sold separately) empty approximately 25% of the aquarium water into the bucket. Take note of how much water is emptied.
7. Rinse the Bio Cartridge or Sponge in the water that has been removed from the tank.

**Never rinse the Sponge or Bio Cartridge under the tap as you will kill the beneficial bacteria that live on the filter media and disrupt the balance of the tank.**

8. Replace the carbon cartridge every 6-8 weeks or sooner as required. If it is not time to replace it, rinse the Carbon Cartridge to remove any debris as in step 7

9. If required, rinse the filter body in the bucket also, ensuring to flush out any debris before returning to the aquarium.

10. Fill the bucket with the same amount of new water as was removed from the aquarium.

11. Treat the tap water with Aqua One Water Conditioner (Sold separately) as per the instructions on the bottle.

12. Let the bucket sit for 10 minutes.

13. Refill the aquarium gently with new water.

14. Fill filter body with Aquarium water.

15. Turn the filter back on and ensure that water is flowing through the filter outlet.

16. If you have a heater installed turn it back on.

17. Add a filter bio supplement such as Aqua One Bio Start (Sold separately).

18. Close the Lid.

19. Allow the aquarium to run for 30 minutes then check the temperature and pH. Adjust if necessary.

\* Refer to the instructions on the back of your gravel cleaner to ensure correct use.

## **MONTHLY: Filter and Pump Maintenance**

Refer to Filter's Maintenance instruction manual.

# Hints & Tips For Best Results

## Introduction of Fish

Note: This is only a guide! You should seek professional advice from your aquarium specialist at the time of purchase.

### DO NOT ADD ALL FISH AT ONCE!

Build stock levels slowly over time. Allow at least one week between additions of fish. Add a filter supplement to help the biological system cope with the additional waste.

Do not over crowd. Remember all fish will grow, so allow them adequate space.

### LIVE PLANTS

Once the water conditions and pH levels have been normalised, live plants can be added to the aquarium. Remember to empty some water from the aquarium before adding anything to it.

### REMEMBER LIVE PLANTS NEED TO BE FED!

An aquarium safe plant fertiliser should be used.

### LIGHTING

It is recommended that the light is turned completely off for at least 8 hours per day to allow the fish a proper night period. More than 10 hours of full light daily can encourage excessive algae growth.

- The LED light unit does not require replacement bulbs and should last the life of the tank.

- To maximise light quality, ensure that the clear cover and aquarium lids is kept clean.

### FILTER MEDIA

#### Biological Filtration (Bio- Grid/Filter Sponge)

Biological filtration is a process where toxic nitrogen compounds such as ammonia and nitrite (Fish waste) are removed from the system via a breakdown process carried out by nitrifying bacteria. (Nitrobacter and Nitrosomonas). These nitrifying bacteria need substrate with a high surface area to adhere to such as a sponge or Bio Grid.

- When starting a new system it is important to remember that a bacterial colony takes time to

develop and grow.

- You can speed up the process by 'seeding' the system with Aqua One Bio Starter.

- Periodically rise Bio-grid/Sponge in a bucket of water from the aquarium to remove any detritus.

### DO NOT CLEAN THE SPONGE/BIOGRID IN TAP WATER.

Seek advice from your Aquarium Specialist if either of these problems arise.

### Mechanical/Chemical Filtration (Carbon Cartridge)

This is the removal of dissolved organic and inorganic substances through adsorption on a porous substrate or by direct chemical removal. Dissolved organic compounds are what turns the water a yellow-brown colour or causes foaming at the surface of the aquarium and need to be removed.

- Remove carbon cartridge if treating fish with medication.

- Replace every 6 – 8 weeks as the carbons adsorption capacity will have depleted.

- Rinse well before placing in the aquarium. (in tap water)

### Mechanical Filtration (Filter Sponge)

This is the process whereby suspended solids or particulate matter are removed from the water.

It is important to remove suspended solids not only to improve clarity of the water but also to:

- Avoid smothering the gills with solids such that fish cannot breathe.
- Decrease risk of disease outbreaks - there are high numbers of bacteria associated with suspended organic solids.

- Protect the biological filter material from rapidly becoming clogged.

- Can also act as a biological filter medium by providing sufficient surface area to host beneficial bacteria

## Trouble Shooting

If you are in any doubt about the electrical installation or safety of this product you must consult a qualified electrician.

### LIGHT UNIT DOES NOT WORK

1. Ensure that the light switch is in an on position.
2. Check light is plugged into power supply and the switch is on.

### POWER HEAD WORKING BUT NO / SLOW WATER FLOW

1. Check impeller is in good condition and replace if needed.
2. Check flow controller O-ring for leaks. Replace if required.
3. Make sure water level in aquarium is at the suggested level.
4. Clean impeller, power head and all inlet and outlet pipes.

### AQUARIUM POSSIBLY LEAKING

1. Clean carbon cartridge as this can create an overflow.
2. Make sure the tank is sitting level.
3. Make sure water level is not too high (Refer to page 5.)
4. If an air stone is being used check it is not bubbling water over the rim of the aquarium if so turn the air pump down.
5. Make sure the aquarium is sitting on a level surface.
- 6a. Turn off the light unit & filter unit and remove filter media. Mark the water level. Remove any excess water that may be sitting on the edge of the aquarium. Leave for an hour. If water level drops proceed to step 6b.
- 6b. Remove the fish, decorations and gravel. Empty the aquarium and clean the glass **DO NOT WASH IN SOAP OR DETERGENT**. Place a piece of newspaper on a flat level solid surface. Carefully fill the aquarium ensuring not to spill any water on to the newspaper. Leave the aquarium for several hours and then inspect the newspaper for wet patches.

## Specifications

**Aquarium Model:** Horizon 65  
**Overall Dimensions:** 60 x 30 x 36cm  
**Aquarium Volume:** 65L  
**Glass Thickness:** 5mm  
**Heater Wattage:** 100W  
**Power Requirements:** 220 ~ 240V  
**Suitable:** Tropical / Coldwater

**Aquarium Model:** Horizon 130  
**Overall Dimensions:** 92 x 36 x 42cm  
**Aquarium Volume:** 130L  
**Glass Thickness:** 6mm  
**Heater Wattage:** 150W  
**Power Requirements:** 220 ~ 240V  
**Suitable:** Tropical / Coldwater

**Aquarium Model:** Horizon 182  
**Overall Dimensions:** 122 x 36 x 45cm  
**Aquarium Volume:** 182L  
**Glass Thickness:** 6mm  
**Heater Wattage:** 200W  
**Power Requirements:** 220 ~ 240V  
**Suitable:** Tropical / Coldwater

**Disposal of used Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)**



This symbol on the product or on its packaging indicates that the product must not be disposed of with normal household waste. Instead, it is your responsibility to dispose of your waste equipment by arranging to return it to a designated collection point for the recycling of waste electrical and electronic equipment. By separating and recycling your waste equipment at the time of disposal you will help to conserve natural resources and ensure that the equipment is recycled in a manner that protects human health and the environment. For more information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you have purchased the product.

# Aqua One Manufacturers Guarantee 1 Year

## About this Guarantee

The Manufacturer or Distributor, of Aqua One goods, is collectively known herein as "Aqua One". Please refer to contact details for Aqua One below or on the applicable Aqua One website. Any product that is covered by its own Guarantee (as enclosed with the product) is subject to the conditions of that Guarantee.

## Australian Guarantee

**Important note:** This guarantee applies in addition to the guarantees, rights and remedies conferred by the Australian Consumer Law and other applicable Commonwealth, State and Territory legislation. The guarantee does not exclude, affect or limit those guarantees, rights or remedies, except to the extent that their application may lawfully be excluded or limited.

In particular, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## International Guarantee

The benefits given to the purchaser, under Guarantee, are in addition to all other statutory rights and remedies which the purchaser has in respect of goods under legislation in the applicable country of purchase. This Guarantee shall not affect any such rights and should be read subject to such legislation.

## 1.0. Terms and Conditions of Guarantee.

- 1.1. Aqua One warrants to the purchaser, for 1 Year from date of original purchase, to repair or replace goods 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. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.4. The Guarantee covers the Aquarium against gluing breakdown resulting in leakage.
- 1.5. 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.
- 1.6. Where goods are repaired or replaced under Guarantee, these goods are Guaranteed for the remainder of the original Guarantee period.
- 1.7. Where claims on inspection reveal goods are in normal working order, Aqua One will request reimbursement of all reasonable costs incurred.
- 1.8. Where Aqua One determines goods are being used in a manner contrary to the instructions, specifications or this Guarantee, Aqua One reserves the right to terminate Extended Guarantee for such goods and will provide written notice to the purchaser.

## 2.0. Exclusions and Limitations

Where permitted by local law, the following exclusions and limitations apply in regard to Guarantee:

- 2.1. Acrylic scratching, for whatever reason caused after Aquarium purchase.
- 2.2. Goods claims where fault is due to, but not limited by a) misuse b) neglect c) abuse d) fire or flood e) normal wear and tear f) accidental breakage g) Acts of God h) mains voltage fluctuation or supply problems i) connection to any voltage other than what is stated on the rating plate j) modification or tampering to electrical cord or plug, k) vermin, insects or foreign object l) liquid spillage or submersion of goods not designed to sustain such use or duress.
- 2.3. Where inspections reveal goods are in normal working order including where noise or vibration is consistent with normal goods operation.
- 2.4. Attempted repairs or modifications by unauthorised persons, including but not limited to the drilling of holes in the aquarium glass by unauthorised persons.
- 2.5. Where the goods factory rating plate has been removed, altered, damaged or is rendered illegible.
- 2.6. Where goods are not installed, operated or maintained in accordance with Aqua One's goods instructions, specifications or this Guarantee.
- 2.7. Replacement or repair of worn consumables or replacement of lost goods, parts or components.
- 2.8. Costs associated with goods transportation, removal, installation, postage or cost of insurance.
- 2.9. Any damage incurred whilst installing, transporting or moving the goods.
- 2.10. Subject to certain local statutory rights and obligations to the contrary, and this guarantee shall not affect those rights or obligations, where, to the full extent permitted by law:
  1. all express and implied warranties and conditions under statute or general law, are expressly excluded and Aqua One, where permitted, will limit liability as follows and at Aqua One's option to: in regard to goods either a) the replacement of goods or supply of equivalent goods b) the repair of goods or the cost of replacing the goods or of acquiring equivalent goods OR in regard to services either c) the re-supply of services d) the cost to re-supply services.
  2. Aqua One will not be liable for any loss or damage, including consequential loss or damage either directly or indirectly, or for any incidental expenses, of any kind, and in any way whatsoever except where conferred under the Australian consumer guarantee.

(1) consider total weight of all items such as: Aquarium, cabinet, water, filtration, gravel/substrate, decorations and other equipment.

(2) consumables include items such as filter media/cartridges, impellers and shafts, light tubes, lamps, bulbs and starters.

(3) When moving the Aquarium from its original or subsequent set-up location/s the following should be adhered to prior to moving the aquarium: remove all aquatic fish, animals or plants, filtration, gravel/substrate, decorations, other equipment mounted on or in the aquarium and ALL water. Also separate the Aquarium from the Aquarium cabinet or similar household item.

Aqua One may be contacted in:

Kong's (Aust.) Pty. Limited  
PO Box 863, Ingleburn  
1890 NSW Australia  
www.aquaone.com.au  
WW

Kong's Aquarium Supplies Co., Ltd  
No 31, 3/F Thriving Industrial Centre  
26-38 Sha Tsui Road, Tsuen Wan,  
Hong Kong  
www.aquaone.co.hk

Kong's (NZ) Limited  
PO Box 15 - 183, Tauranga  
3015 New Zealand  
www.aquaone.co.nz

Kong's (UK) Limited,  
C/O Aqua Pacific UK Ltd.  
PO Box 268  
Romsey Hampshire, SO510  
United Kingdom  
www.aquaone.co.uk

This Aquarium is designed to help simplify general fish keeping. Please note, some specialist fish and aquatic animal or plant keeping require certain considerations, prior to purchase, to ensure proper and successful Aquarium keeping. Therefore, **Aqua One recommends, at time of Aquarium purchase, that you consult with your Aqua One Retailer in regard to the suitability of this product for the types of fishes, aquatic animals or plants you may wish to keep.** Special consideration should also be made in regard to filtration, aquarium heater and lighting requirements to ensure they are specific to your application.



Inspiring Excellence in Fish Care!

Manufactured in China.  
Designed in Australia by Aqua One.  
*Aqua One* and *Aqua One Inspiring  
Excellence in Fish Care!* are registered  
trademarks or trademarks.

**[www.aquaone.com.au](http://www.aquaone.com.au)**