

ClearView 100

Aqua One®



Instruction Manual

Important Safeguards

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.

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

1. Read and follow all safety instructions before using this appliance.

2. Danger: 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 light falls into water, do not reach for it, unplug it and then retrieve it. If the electrical components of the appliance get wet, unplug the appliance immediately (non immersible equipment only).

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

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

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

A "drip loop" (See the diagram) should be arranged by the user for each cord connecting an aquarium component to a 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. It is used to prevent water traveling along the cord and coming in contact with the receptacle.

If the plug or receptacle 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 receptacle.

3. Close supervision is necessary when the appliance is used by or near children.

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

or cleaning. Never yank the cord to pull it from the outlet. Grasp the plug and unplug to disconnect.

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

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

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

8. Read and observe all the important notices on the aquarium.

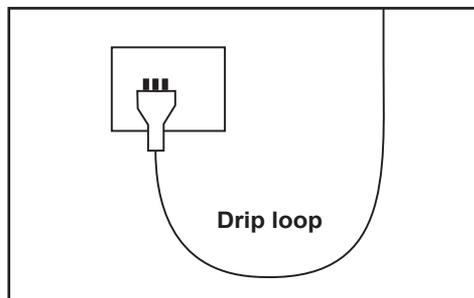
9. Ensure input voltage is the same voltage as your local power supply.

10. If an extension cord is necessary, a cord with a proper rating should be used. Care should be taken to arrange the cord so that it will not be tripped or pulled.

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

12. Ensure your hand is dry when turning the power switch on/off and when inserting/removing the power cord from the receptacle.

13. 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.

Before First Use / Preparation

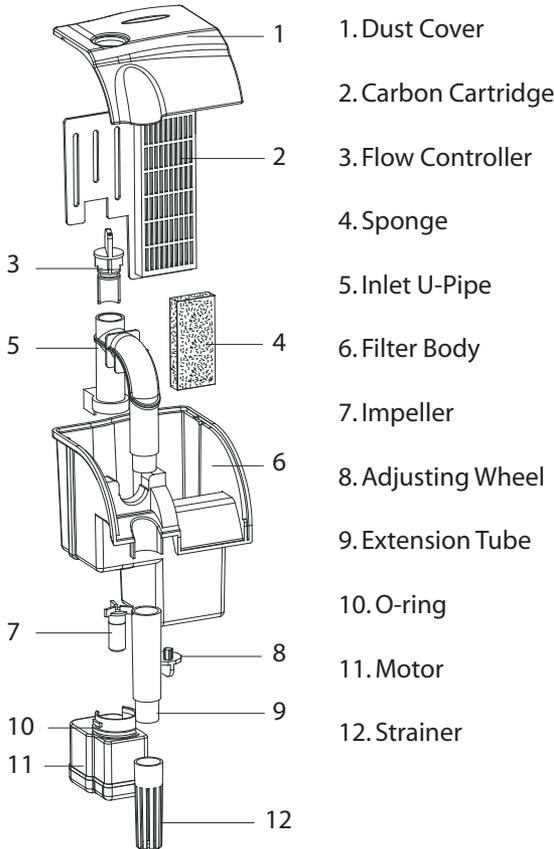
Read and follow all the instructions, even if you feel you are familiar with the product and find a place to keep the instructions handy for future reference. Your attention is drawn particularly to the sections concerning **“IMPORTANT SAFEGUARDS”** and the **“GUARANTEE CONDITIONS”**. Please ensure you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

Carefully unpack the filter 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.

Know Your Filter

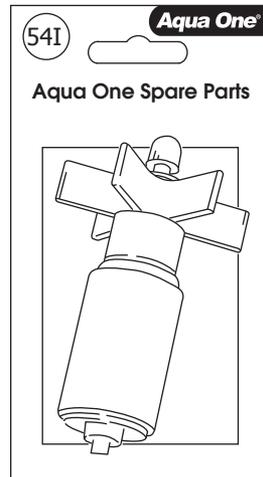
ClearView 100



Replacement Parts & Filter Media

Use Aqua One Genuine Spare Parts Only. See your local Aqua One Dealer and look for the number listed below for the spare part you require. Alternatively you will find these numbers on the silver label located on the product.

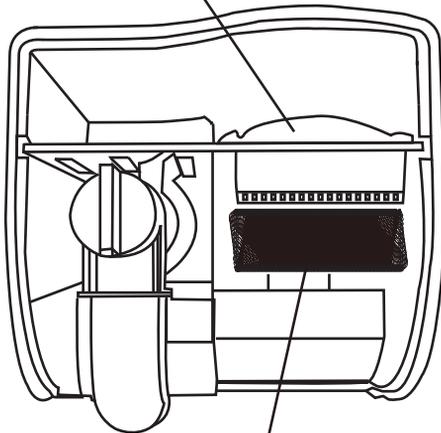
Black Sponge	54s
Carbon Cartridge	54c
Impeller	54i



Set Up Diagrams



Carbon cartridge
with wool facing
towards the back
of the filter



Sponge

Choosing a Filter

MODEL	TANK SIZE
100	up to 40L
200	up to 60L
300	up to 80L
500	up to 120L
800	up to 200L

Calculating the volume of my aquarium

To calculate the volume of your aquarium, multiply the length x width x height in cms then divide the total by 1000 = LITRES.

$$\frac{L \times W \times H}{1000} = \text{LITRES}$$

Installation

1. Remove the filter lid to access the filter body.
2. Place the inlet u-pipe into position. The longer side of the pipe sits on the outside of the filter body. The shorter side locks into the impeller housing.
3. The extension tube then connects to the inlet u-pipe. The strainer then attaches to the extension tube. The strainer and extension tube is the part that sits in the water of the aquarium.
4. Wash the carbon cartridge in tap water before use. **DO NOT USE DETERGENT OR SOAP.** The carbon cartridge slides into the furthest grooves with the wool facing the rear of the filter.
(refer to the Diagram on the previous page)
5. The sponge slides in between the cartridge and the front of the filter.
6. Push the adjusting wheel into the bottom of the filter body. This is used to keep the whole filter level from top to bottom, otherwise the filter will slant away at the top and may overflow if the filter cartridge becomes blocked.
7. Hang the filter off the back wall of the aquarium with the extension tube and strainer inside the aquarium water.
8. Fill the filter body with aquarium water until it overflows back into the aquarium. Turn on at the power supply. It may take a little while to start as it expels the air from the impeller.
9. Adjust the flow with the knob on the top of the inlet u-pipe. It is better to leave at full flow but if this current is too strong, turn down slightly.
10. Place the lid back on the filter body.

Maintenance

1 - 2 WEEKS

1. Turn off at the power supply.
2. Slide the carbon cartridge out of the filter. Allow excess water to run off. Rinse the cartridge under a high powered tap to remove the trapped dirt.
3. Tip out dirty water from the filter body. Refill the filter with aquarium water. Put carbon cartridge back into position. Turn on at the power supply. **DO NOT CLEAN OR REMOVE THE SPONGE.**

It is important that the sponge is not cleaned or removed. If it starts to become extremely dirty, just give them a gentle squeeze in a bucket of aquarium water once or twice, then put it back in position.

6 - 8 WEEKS

1. Turn off at the power supply.
2. Remove entire filter from the back of the aquarium and take to the sink.
3. Throw away the carbon cartridge and replace with a new one. Wash the new cartridge in tap water before use.
4. Remove the entire inlet u-pipe. Grasp the motor and twist anti clockwise, then gently pull down to completely remove it from the filter body.
5. Remove the impeller from the motor and wash. Use a double ended pipe brush and clean the impeller well. (Where the impeller sits).
6. Use an aquarium safe silicon lubricant and apply to the O-ring seals around the motor.

This will allow easy removal of the motor for the next service and provide a better water seal.

7. Put the impeller back in place then reconnect the motor to the filter body.
8. Clean the inlet u-pipe and extension tube with a double ended pipe brush then put back in place.
9. Hang the filter back in place and refill the filter with aquarium water. Turn filter on at power supply.

DO NOT CLEAN THE SPONGE.

Trouble Shooting

LOW WATER FLOW

1. Clean cartridge, impeller and inlet pipes.
2. Make sure water level in the tank is not low, keep approximately 2-3cm from the aquarium lip.
3. Check the flow adjuster at the top of the inlet u-pipe and make sure it is opened completely.

FILTER WILL NOT PRIME

1. As previous tips.

FILTER UNIT IS LEAKING

1. Check that the O-rings around the motor are in good condition.
2. Reapply tank safe silicon lubricant.
3. Make sure that the adjusting wheel at the bottom of the filter body is in place and keeping the filter level.

Aqua One - 2 Year Guarantee

Congratulations on your purchase of a quality Aqua one product this product will last for many years under normal usage.

The benefits given to the purchaser by the manufacturers guarantee are in addition to all other rights and remedies which the purchaser has in respect of the equipment under the legislation of the appropriate country of purchase.

1. All claims for guarantee service should be made to the place of purchase.
2. You must provide proof of purchase when you submit your equipment for repair under guarantee.
3. This guarantee extends only to defects occurring in materials or workmanship under normal use of the equipment when operated in accordance with the supplied instructions.
4. Replacement equipment is guaranteed for the remainder of the original manufacturer's guarantee period.
5. Guarantee does not cover:
 - a. Cost of freight, postage or the cost of insurance.
 - b. Service costs arising from failure to correctly adjust the controls of the product or to clean the hoses, filter media, impellers, pump heads, failure to observe the manufacturer's instructions or inspections that reveal that the equipment is in normal working order.
 - c. Equipment failures caused by misuse, neglect, normal wear and tear, accidental breakage, repairs or modification by unauthorised persons, lightning strikes, mains voltage fluctuation, earthquakes, vermin infestation or liquid spillage.
 - d. Consumables, such as impellers, shafts, filter cartridges, filter media, sponges, wool, light tubes, lamps, bulbs or starters.
 - e. In no event will the manufacturer or distributor of that country be liable for any consequential or incidental damage including, but not limited to loss of livestock, property damage, damage to equipment, appliances or furnishings arising from the use of this product or from failure of this product.
 - f. Damaged incurred in transit resulting from inadequate packing.
6. It is recommended that all equipment subject to claim should be prepared for transportation in its original packaging or other suitable packaging which offers the same degree of protection.



Keep an eye out for these Aqua One products at your local retailer...



Fish keeping has never been easier...

Aqua One specialises in all of your aquarium needs.

Aqua One uses state of the art technology which results in the most efficient and superior aquarium products.

The Aqua One range includes a wide range of curved glass aquariums, air pumps, filters, power heads, heaters, reflectors, under water lighting, along with fish foods, cleaning and maintenance accessories and decorations.



Aqua One