



Elegance

Hints & Tips For Best Results

LIVE PLANTS

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

FILTER MEDIA

Biological Filtration (Sintered Glass Noodles and 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.

- When starting a new system it is important to remember that the bacterial colony takes time to develop and grow.
- You can speed up the process by 'seeding' the system with Aqua One Bio Starter.
- Over time this media can block up or break down so it is important to monitor it.

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

Chemical Filtration (Activated Carbon)

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 absorption capacity will have depleted.

Mechanical Filtration (Sponge and Activated Carbon)

Mechanical filtration involves physically removing solid particles from the water. In addition to improving the visual appearance of the aquarium, it is important for the health and wellbeing of the inhabitants.

In this aquarium, both the Sponge and Activated Carbon perform the mechanical filtration.

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



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Trouble Shooting

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

BUBBLES ARE COMING OUT THE OUTLET INTO THE AQUARIUM

1. The water level in the filter is too low. Add sufficient water so that the pump is fully submerged.
2. Cartridges are blocked. Rinse or replace if necessary. Do not wash ceramic cartridge in tap water, use only water from the aquarium.

WATER FLOW INTO THE AQUARIUM HAS DROPPED

1. Pump needs to be cleaned. Refer to maintenance instructions in the supplied pump instruction manual in order to clean the pump impeller and impeller housing.
2. Outlet is blocked. Remove and clean the outlet tube.

LIGHT DOES NOT WORK

1. Ensure the light unit is firmly connected to the power supply unit and the switch is in the "on" position.
2. Ensure the power supply unit is connected to the power outlet and the outlet is switched on.