

Adding Electrical Equipment To Your Aquarium



What you need:

- **A filter** - This is essential for every aquarium to maintain clear and healthy water
- **(If Tropical) a heater** - The heater will maintain a consistent temperature within the aquarium. The ideal temperature for basic community tank 21-28 °C. Ask your retailer what temperature is right for your fish.
- **Lighting** - A suitable aquarium light should be switched on for 8-10 hours a day. This is essential for natural plant growth and makes fish's colours stand out.
- **An airstone, air pump and check valve** - This provides the necessary oxygen for both fish and plants, helps with the filtration process by aerating the water and adding decorative touch with bubbles to your aquarium.
- **A thermometer** - This will allow you to keep an eye on the water temperature at all times. There are a variety of different thermometers from glass, LED and to digital.

Once all the décor and equipment have been added to your aquarium, it can now be filled with water. This is best done by placing a bowl/saucer on the substrate and slowly adding room temperature tap water using a jug. Once the aquarium is filled up completely, make sure your hands are dry and switch on the electrical equipment.

Safety:

- Make sure your hands are dry
- Make sure that electrical items are switched off when your hands are in aquarium.
- Ensure that all electrical connections are positioned so that they cannot get damp. (When an air pump is installed it should either be above the level of the water or else a non return valve should be fitted)
- A correctly rated fuse should be fitted
- An Earth Leakage Trip (RCD), or similar device may be fitted.