



## SETTING UP AN AIR PUMP WITH A CHECK VALVE

### PLACING THE PUMP

Decide where you are going to place the air pump. A location that is as close to the aquarium as possible to minimise the length of air line required is ideal.

Avoid dusty or damp areas as dust will clog the pump and excess moisture will damage it.

If possible, place the pump above the aquarium water level. Ensure that it cannot fall off the surface it is placed on and especially that it cannot fall into the water.

If the pump is below the water level, a check valve is required to reduce the chance of water siphoning back into the pump and damaging it.

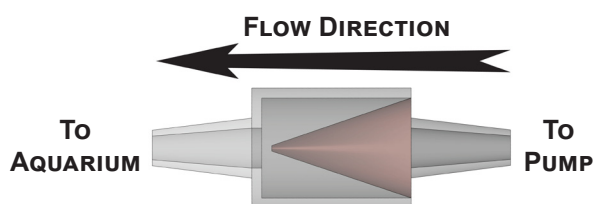
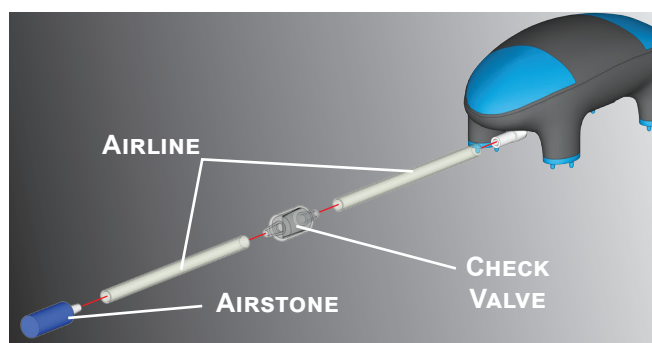
### SETTING UP THE PUMP WITH A CHECK VALVE

Measure the airline to the length required.

Cut the airline so that one length will reach comfortably from the location of the air stone to 10-20cm outside of the tank.

Connect the airstone to the airline. Connect the check valve and then the rest of the airline.

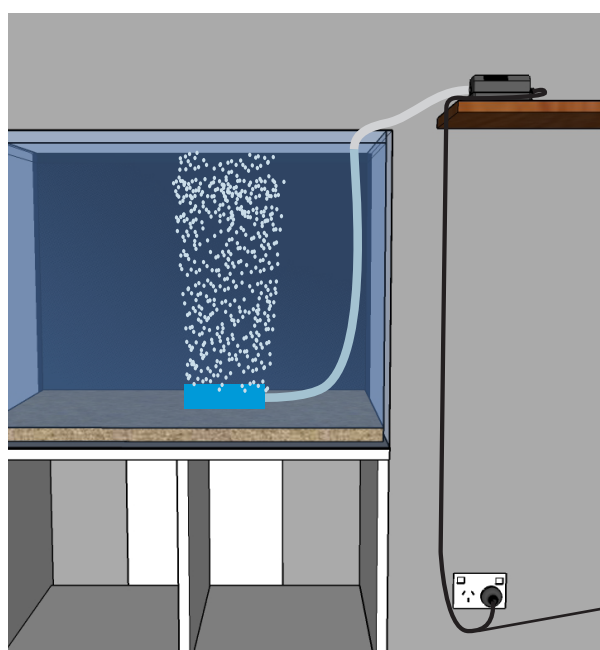
Trim the airline to the length required and plug it into the air pump as shown.



The check valve is a one way valve. To establish which way to place the valve, look for the arrow shape inside. The arrow should point to the aquarium.

If you don't see an arrow in the valve, you can check which way the valve works by blowing through it. The end you can blow through should point toward the pump.

### SETUP WITH PUMP ABOVE THE WATERLINE



### SETUP WITH PUMP BELOW THE WATERLINE

