

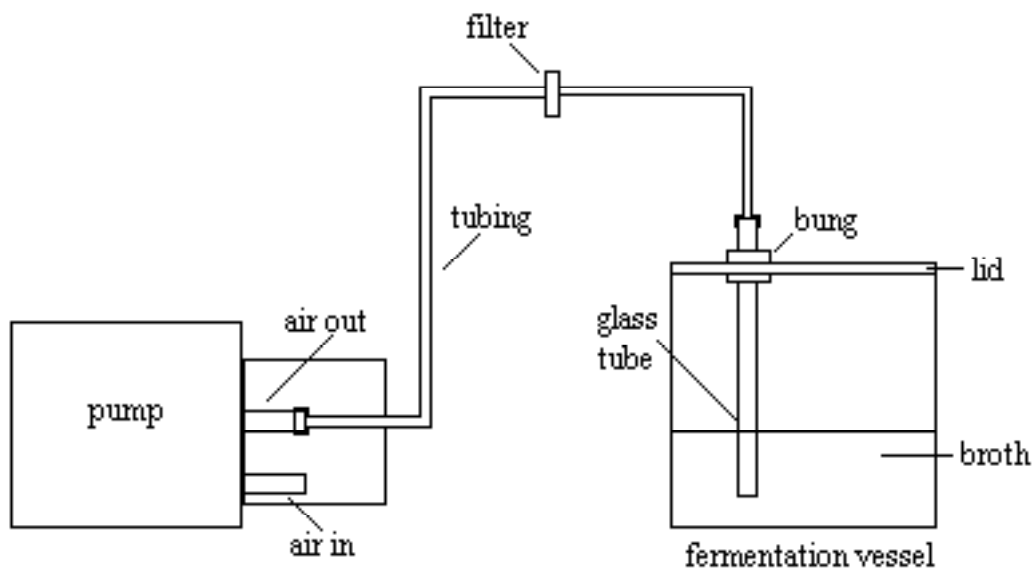
Air Pump for the Bio-fermenter Control Unit

The air pump is intended for use with the ALBA Bio-fermenter Control Unit.

If you wish to aerate the broth in the fermentation vessel then carry out the following steps:

- Connect the Control Unit to the ALBA Interface.
- Power both units as directed in their manuals.
- Examine the Air Pump and identify the two small nozzles. The bottom nozzle (i.e. nearest the pcb) is the air-in port and the top nozzle is the air-out port. Connect a length of tubing from the air out-port to an air filter and from the other side of the air filter to the glass tubing through the lid of the fermentation vessel – see diagram below. Note that at all times there must be no restriction to the flow of the air in.
- Connect the jack plug on the lead from the pump to the jack socket on the right hand side of the Control Unit. Turn the flow control to obtain the desired flow rate. If you require to know or set a particular flow rate you can calibrate it by using a large measuring cylinder and the downward displacement of water technique.

Note that the tubing supplied with the air pump is autoclavable.



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