

aLIFT

AQUARIUM FILTER

aLIFT - airlifting aquarium filter. An effective biomechanical aquarium filter for aquariums up to 50 liters.

Airlifting is derived from English words "aero" - air, "lift" - to raise). Airlifting aquarium filter filters the water through the use of air, which is supplied from an air compressor (sold separately).

Principle of operation

The principle of operation is based on the use of an air compressor as a driving force, instead of the motor, as seen in conventional filters. The bottom of the filter, installed vertically in the tank, is supplied with air from the compressor. Air bubbles moving up move the water in the same direction, which is purified by passing through the filter sponge. This principle makes it possible not only to filter the water, making it crystal clear, but to also enrich water with oxygen without using additional devices. You need to purchase an air compressor in order to use the filter. We advise you to buy a silent aquarium compressor **aPUMP**. By Using aquarium compressor **aPUMP**, you will make your **aLIFT** filter the quietest airlifting filter in the world.

Unlike mechanical filters (with the rapid flow of water through the filtering element), **aLIFT** creates a sustainable biological balance in the aquarium. Colonies of bacteria settle in the filter sponge, which promotes biological treatment of aquarium water. Low water flow through the **aLIFT** airlift filter makes it ideal for the maintenance and cultivation of shrimp and raising young fish. Even small fish eggs are not sucked into the sponge.

Contents of delivery

Airlifting **aLIFT** filter consists of the following components:

- Pre assembled filter with the sponge of standard density;
- Additional filter sponge of lower density;
- 1.5 m air hose;
- U-shaped glass tube.

Getting Started.

1. Place **aLIFT** filter inside the aquarium. The shape of the filter sponge allows you to place a filter **aLIFT** close to the wall of the aquarium. This is especially true in aquariums of a small size and will significantly save space.
2. Connect an air hose inside the filter (fig. 1).
3. Carefully place the U-shaped tube on the aquarium wall above the filter. U-shaped glass tube will ensure the smooth flow of air to the filter. Cut the air hose and connect one end of the glass tube to a hose so that the hose is not bent, and not stretched too much.
4. Connect an air hose to the free end of the U-shaped glass tube outside the aquarium. Connect the other end of the air hose to your aquarium air compressor (we recommend silent air compressor **aPUMP**). The filter is ready for work.

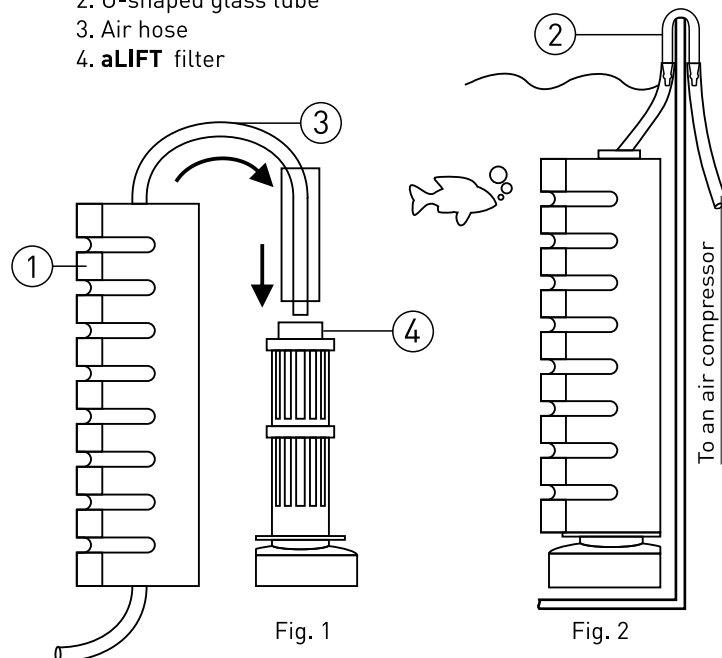
Cleaning and maintenance.

The filter needs to be cleaned, as it performs its main function—absorbs and holds the dirt from the water. The frequency of cleaning depends on many factors, but in general, the cleaning is performed every 1-3 weeks. The top of the filter sponge can be used as an indicator of the need for cleaning. If the color of the bottom of the sponge is significantly different from the top, it is time to clean.

To perform the cleaning of the filter, follow these steps:

1. Turn off the air supply by turning off the aquarium compressor.
2. Remove filter sponge.
3. Rinse the sponge, in a separate container, in a small amount of aquarium water. Remember that you need to wash the sponge in the aquarium water—you will have enough of it from the regular water changes! This will keep most of the bacteria in the filter sponge.

1. The filter sponge
2. U-shaped glass tube
3. Air hose
4. **aLIFT** filter



4. Install the filter sponge in its place. The filter is ready to work.

Possible problems and solutions

1. The filter works, but dirt particles are floating in the water: filter sponge is dirty - rinse the filter sponge.
2. Very large air bubbles seen while **aLIFT** works: air hose is not firmly attached to the filter - check the connection.
3. Air stone is clogged - replace an air stone.
4. Air hose is punctured - fix the puncture.
5. **aLIFT** is on, but no air bubbles are seen: faulty air compressor - replace or repair.
6. There is no power - check the power circuit.

Warranty conditions.

The manufacturer provides a warranty for a period of 24 months from the date of purchase for all the internal parts of the filter (excluding sponges and air hose). The warranty covers damage caused by the fault of the manufacturer, defects in materials etc. The warranty does not cover damages resulting from improper use of the filter or when used for purposes other than intended.

Attention! Any attempt to make structural changes or disassembly of the device beyond its normal operation, or maintenance, leads to the loss of warranty.

In case of malfunction of the device, you must send it along with the completed warranty card to the address of the manufacturer or distributor.