

CLEANING PROCESS SUGGESTED FOR AirOxi TUBE

AirOxi Tube is going to remain in water for 2-3 months. So it is possible that algae, food, fecal matter, waste particles, salt and other elements stick to the tube. The procedure for cleaning is very easy and this will make the tube as good as new, without compromising on life or quality of the product. The following is one of the procedures one can use and it will ensure proper cleaning even in the most extreme cases of clogging/ choking.

We have suggested different solutions to clean the tube with, because each pond has different elements to it. There are various things that we add to the pond like minerals, feed, probiotics, etc. which make each pond unique.

When to clean - Whenever your pressure gauge reading has increased by 0.5 to 1.0 PSI from the reading when tubes were newly installed. OR when bubbles seen on top seem reduced from earlier. Also definitely clean the tubes between two cultures

CLEANING DURING CULTURE

Remove AirOxi Tube from water and let it dry. Preferably for 24 hours. If you do not have time to clean, it is okay, but drying is necessary. You can put the tubes back in water even after just drying. DO NOT clean when wet. It will only push the material deeper in the holes, although temporarily it will seem like air flow has improved.

You can install 10% tubes extra in the beginning itself so 10% can be used for maintenance every week.

Use the AirOxi cleaning clamp OR any scraper like putty knife or hacksaw blade or a rough water proof emery / sand paper (picture below) to thoroughly scrub it. This will remove all dried solid particles. Do not use any fishnet or wire brush, etc. That will push the particles deeper in the holes.

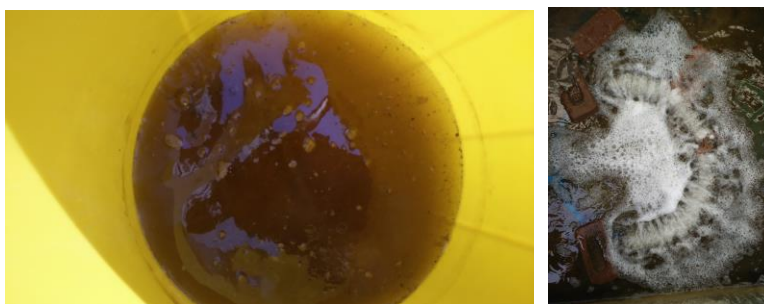


CLEANING BETWEEN TWO CULTURES/ USAGE

In a large drum (big enough to fit the whole frame), take Hydrogen Peroxide and dilute it in the ratio 1:3 – 1 part acid to 3 part water. Dip the tube in this mix for 2 hours. This will remove all salts and other particles that are choking the tube.

Option: You can use bleaching powder as an option to Hydrogen Peroxide. Add 100 gram of bleaching powder to 1 ltr of water and keep tubes dipped in this mixture for 4 hours

Option C: If hydrogen peroxide and bleaching powder are not to be used or you do not get required result, you can industrial grade acid or cleaning acid. (HCL or H_2SO_4) Dilute it depending on the concentration of the acid, for safety of use. The acid will not damage the tube but dilution is recommended for safety reasons. Regular tile cleaning acid will not need to be diluted and can be used as is.



Step 2 – Take out the tube and let it dry. After that scrape the surface it with the AirOxi Cleaning Clamp (picture in previous page) to clean loose particles

Step 3 – Wash the tube in clean water.

Step 4 – If convenient, push some air in the frame / tube for a few minutes to remove any particles that are dissolved and remaining inside. And then let it dry totally. Store them in a shaded and covered place.

Step 5: Put the tubes back in the water **only after they are totally dry**. This will improve results. And the performance will be as good as new

You can see the picture before and after cleaning here

