

## CLEANING YOUR DIFFUSER DISCS, AIR STONES OR Bubble Tubing® WITH BIO-PURGE

If your aeration system remains closed for a prolonged period, we recommend storing your Bubble Tubing® out of the water to reduce the excess formation of a biofilm on it.

If you are noticing that your Bubble Tubing® lengths are releasing fewer and fewer bubbles then likely a biofilm is forming a coating that is restricting airflow by flocking the perforations.

Biofilm develops and covers the small holes designed to release microbubbles of air. Various factors such as temperature, water quality and pH can effect if or when a biofilm may form. It explains why there are instances when no biofilm develops or develops rapidly.

To counter this problem, we use Bio-Purge WD-3100 which is an environmentally friendly product designed for potable water that eliminates the biofilm and calcium deposits that may be hindering the efficiency of your aeration system. It is certified ANSI/NSF, used in municipal water treatment reservoirs. Recommended by Health Canada and the Ministry of Environment (MDDEP), its use is approved both in the U.S. and Canada. Bio-Purge is safe for use in all aquatic environments.

### INSTRUCTIONS:

- Step 1:** Disconnect the main airline(s) that leads to your diffuser disc, air stone or Bubble Tubing®.
- Step 2:** Pour in an appropriate amount of Bio-Purge liquid into the airline(s).
- Step 3:** Re-connect the leading airline and turn on the compressor briefly to distribute the liquid into all of the diffuser discs, air stones or Bubble Tubing®.
- Step 4:** Turn off your compressor to allow the Bio-Purge to dissolve the biofilm completely. This will be anywhere from 15 minutes to 1 hour.
- Step 5:** Turn on your compressor. Your diffuser discs, air stones or Bubble Tubing® will be cleaned from the inside-out and will be once again performing at their optimal level.

### APPLICATION RATES:

- Bubble Tubing®: 1 litre per 50 feet of tubing
- Membrane diffuser disc: 125 ml
- Vertex Co-Active (two discs): 250 ml
- AirStation XL (four discs): 500 ml

Bio-Purge comes in 1 L and 4 L format or 15 and 45-gallon format for industrial applications. Use within six months of purchase for best results. Contact us for more application details and advice, as every system is different.