

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 bio-film on it.

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

Bio-film develops and covers the small holes designed to release micro bubbles of air. Various factors such as temperature, water quality and pH all affect if or when a bio-film may form. This explains why there are instances when no bio-film 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 bio-film and calcium deposits that may be hindering the efficiency of your aeration system. It is certified ANSI/NSF and it is currently used in municipal water treatment reservoirs. The product is also recommended by Health Canada and the Ministry of Environment (MDDEP). It is approved for use 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 main 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 completely dissolve the biofilm. 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 liter 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 6 months of purchase for best results. Contact us for more application details and advice, as every system is different.