

## **Vertex Pro-Bio Pellets Instructions.**

Use 50 - 200 ml of media per 100 liters (25 gallons) of net system water volume. Best used in a fluidizing media filter but can be implemented passively in an area with good flow. Lack of proper water movement or overdosing can result in production of Hydrogen Sulfide which has a foul rotten egg smell. Always start with smaller dosage and gradually increase to required dose. Rapid changes in water parameters can harm your animals. Not recommended to use in conjunction with Phosphate removers. Ozone injection and or UV filters can be used however not recommended. Suitable to use in fresh water, saltwater systems and Ponds. Provide proper system oxygenation or protein skimmer if used in Saltwater applications. Vertex Aquaristik cannot be held accountable for any loss of livestock and or any other damages due to misuse of this product may cause.

### **Hints/tricks:**

- To prevent media loss from the reactor, soak pellets overnight in RO water before use.
- It is recommended to jump start colonization of the media using a bacteria booster such as ZeoBak or Seachem Stability; otherwise, undesirable bacteria may take advantage of the pellets and create a bacteria bloom (white haze in tank).
- If ever the reactor supply pump goes offline for more than 15-20 minutes the pellets will "gel up". The media will have to be rinsed/agitated in some saltwater, and the reactor reloaded.
- The pellet itself does not dissolve in saltwater. Its breakdown is controlled by the bacteria that colonize it. In the presence of increased nitrate and phosphate (from increased bioload) the bacteria population will increase and the pellets will breakdown faster.
- If you choose to fluidize the media (best choice), the foam at the top and bottom of the reactor should be left out. When left in place they affect the ability of the water flow to fluidize the media.