

VarioStreamer®

Regulates the water flow rate inside the tank



ARTEC AQUA AS LAUNCHED VARIOSTREAMER® IN 2008

The product has proved a great success and customers have reported sensational fish growth. VarioStreamer® is particularly suitable where a reduction in the water supply makes it necessary to reduce the water input to each tank. VarioStreamer® maintains good hydraulic conditions where use of traditional nozzles would raise CO₂ levels due to reduced circulation, and the flow of fresh water takes a shorter route to the outlet.

BENEFITS:

- Improved water flow to the tank with a reduced water supply
- Effective transportation of waste products from the tank: CO₂, TAN, SS, faeces, feed particles
- Water consumption indicator
- More effective distribution of oxygenated water ensures more stable oxygen values in the tank and reduces oxygen consumption
- Better fish welfare and growth
- The flow direction can be reversed
- Self-draining through drain holes in the bottom, thereby reducing scaling when not in use
- Operating temperatures from 0°C to 20°C
- Suitable for fresh water, brackish water and seawater



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Manual adjustment

The flow is adjusted by use of a wheel. The wheel is connected to a threaded rod that regulates the position of the slide when it is turned. The indicator shows the size of the slot opening in per cent.

Electric control

The wheel is replaced by an actuator. The actuator is electrically controlled from a panel.

Water flow rate

The rate at which the water circulates in the tank can be easily adjusted by adjusting the slot opening.

Example: The diagram shows that, with 25 cm difference in level and 50% slot opening, fresh water is supplied at a rate of approx. 590 l/min.

