



OXYGENATOR

OXYFLOW®

OXYFLOW® is an oxygenator designed for aquaculture. This device has a very high capacity of dissolution of oxygen into the water, using no, or very low, energy.

Each OXYFLOW® is manufactured according to a specific working pressure, for use in fresh water or sea water. The higher the working pressure is, the higher the outlet oxygen concentration is. The higher the water flow is, the larger the diameter and the greater the height of the OXYFLOW® are. A complete range of OXYFLOW® allows to answer all the needs.

In a **Recirculating Aquaculture System (RAS)**, OXYFLOW® is installed on the main pipe. It does not require any complementary piping, nor pumps. It allows **large energy savings**.

Example of OXYFLOW® installed in a RAS:



CHARACTERISTICS

TREATED WATER FLOWS

Fresh water
From 16 to 375 l/s

Sea water
From 10 to 215 l/s

DIMENSIONS

Height
From 1 650 to 3 000mm

Diameter
From 460 to 2 210 mm

FABRICATION

In Glass Reinforced Polyester (GRP), according to FOX's drawings

OXYGENATION CAPACITY

Working pressure	O ₂ concentration in % of the saturation
0,4 bar	330%
0,7 bar	400%
1 bar	480%

Outlet oxygen concentration: 400% of the saturation for a working pressure of 0,65 bar. Efficiency 100%.

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