



# 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 20 to 375 l/s

**Sea water**  
From 10 to 215 l/s

#### DIMENSIONS ●

**Height**  
From 1900 to 2900 mm

**Diameter**  
From 520 to 2210 mm

#### FABRICATION ●

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

### OXYGENATION

#### CAPACITY

Working pressure	O <sub>2</sub> concentration in % of the saturation
0,7 bar	400%
1,0 bar	480%
1,3 bar	540%

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

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