



OXYGENATOR

OXYFLOW® 2P

OXYFLOW® 2P is an oxygenator designed for aquaculture. This device has a very high capacity of dissolution of oxygen into the water.

Each OXYFLOW® 2P 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® 2P are. A complete range of OXYFLOW® 2P allows to answer all the needs.

OXYFLOW® 2P is installed at the discharge of 2 or 3 pumps. It can work with 2 pumps (66% of the nominal water flow) or 3 pumps (100% of the nominal water flow). It is generally used with 2 pumps, treating 2/3 of the water flow, the 3rd pump being kept in stock.

Example of OXYFLOW® 2P installed in a fish farm:



Outlet oxygen concentration : 700% of the saturation. Efficiency > 90%.

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CHARACTERISTICS

TREATED WATER FLOWS

Fresh water
From 16 to 375 l/s

Sea water
From 10 to 215 l/s

DIMENSIONS

Height
From 2 450 to 3 800 mm

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
1,2 bar	610%
1,5 bar	730%
1,8 bar	870%