

OXYFOX[®]-SC

Designed by FOX France Oxygénation
Oxygen dissolver



OXYFOX is an oxygenator designed for aquaculture. This device has a very high capacity of dissolution of oxygen, using few energy. OXYFOX has been created to treat important water flows, and to cover the needs of a series of ponds, or even of the whole fish farm. OXYFOX both uses the energy of a water fall and the hydrostatic pressure in the depth of a well. The combination of these two factors enables to reach high D.O contents, with maximum efficiency.

Where to install oxyfox ?

OXYFOX can be installed on a by-pass of the main channel of a fish farm for example. In this case, the treated water flow is part of the general water flow. The mixed water downstream can reach high D.O contents (200 to 300% of saturation). OXYFOX can also be installed on an existing pump, or on a water fall. A water fall of 0,80 m to 1,50 m high is enough for a maximum efficiency.



CHARACTERISTICS

- **Fabrication**
Glass Reinforced Polyester (GRP)
- **Treated water flow**
Up to 380 l/s (1368 m³/h) for fresh water
- **O₂ contents at the outlet**
Up to 300% of saturation
- **Dimensions**
Height From 3 to 5 m
Diameter From 0,6 to 2,2 m

OXYGENATION CAPACITY

Temperature 14 °C, efficiency 85%.

Description	Water type	Water flow	O ₂ concentration at the outlet	Dissolved oxygen (D.O.)	Consumed energy
OXYFOX 110	fresh water	110 l/s	30 ppm	8.0 kg/h	4.0 kW
OXYFOX 360	fresh water	360 l/s	29 ppm	12.5 or 25.0 kg/h	2 x 5.5kW
OXYFOX 110	sea water	80 l/s	25 ppm	5.0 kg/h	3.0 kW
OXYFOX 300	sea water	220 l/s	25 ppm	6.8 or 13.5 kg/h	2 x 4.0kW