



OXYGENATOR

OXYFOX[®] COMPACT

OXYFOX[®] COMPACT is a very powerful oxygenator for the dissolution of oxygen, using few energy.

Its capacity of oxygenation, about 2 kg D.O per kW, ranks it as one of the best devices of dissolution of oxygen using electrical power.

It differs from the other oxygenators by the fact that the pump is integrated into the device, making a compact unit all in one piece which can easily be manipulated with a handling machine and allows a quick installation in a pond or a canal.

For example, one OXYFOX[®] COMPACT 160 installed in an inlet canal of a fish farm can meet the needs in oxygen of 60 tons of trouts.

Smaller devices have been designed to answer lower needs and can be installed directly in a pond.

The contents of dissolved oxygen at the outlet of the device can reach 28 ppm. Various models are proposed for the treatment of a big range of water flows (from 50 to 160 l/s).

It is equipped with the necessary devices to allow its maintenance and its cleaning. A grate for the protection of the pump is proposed as an option.

The water comes out by pipes. These pipes may be extended in case of a use more downstream.

CHARACTERISTICS

Fabrication

Glass Reinforced Polyester (GRP)

Treated water flows

From 50 to 160 l/s

Dimensions

Height

About 2,5 m (without pump)

Diameter

From 1 to 1,80 m

Weight

From 330 to 635 kg

Utilisation

Fresh water and sea water

OXYGENATION CAPACITY

Reference temperature 14°C, inlet O₂ contents 90% of saturation.

Type of OXYFOX [®] COMPACT	Water flow	Consumed energy kW	Fresh water
			D.O (Dissolved Oxygen) kg/h
OXYFOX [®] Compact 50	50	1,5	2,7
OXYFOX [®] Compact 70	70	2	3,8
OXYFOX [®] Compact 110	110	3	6
OXYFOX [®] Compact 160	160	4,3	8,7

Sea water : contact us.