

AQUACARE™

CONTROLLED ENVIRONMENT AQUACULTURE

OXYGENATOR OXYFLOW®

DESIGNED BY FOX FRANCE OXYGENATION
FOR ENERGY SAVINGS

CHARACTERISTICS

FRESH WATER ●

Treated water flows
From 25 to 400 L/s

Working pressure
Maximum 1 bar

D.O capacity
From 2,8 to 40 kg
O₂ /h per OXYFLOW

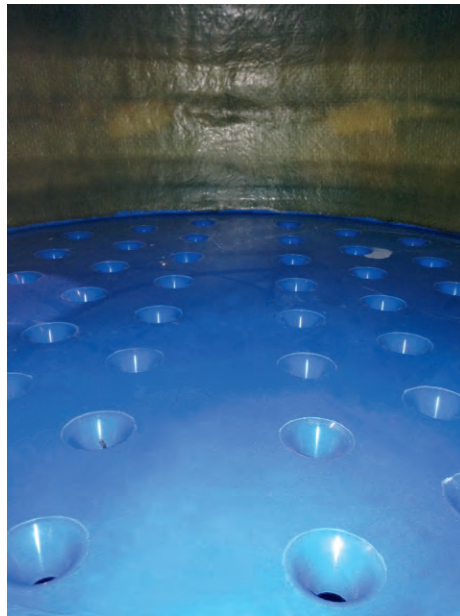
Efficiency
85%

Energy
1 kW for 3,5 kgD.O
(five times less
energy than a cone)

Dimensions

Height
From 2,2 m
to 2,85 m

Diameter
From 0,72 m
to 2,21 m



INSTALLATION

Directly on the main pipe of the RAS.
Does not need an additional pipe network nor pressure pumps.

AQUACARE.COM

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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.

OXYFLOW is designed for medium water flows as well as for very high water flows. It meets the needs in oxygen of a single pond, but also the needs of a whole fish farm.

OXYFLOW works under low pressure and dissolves oxygen until more than 300% saturation.

Made in Glass Reinforced Polyester (GRP), OXYFLOW can be installed on an existing pipe and work with or without pump.

CHARACTERISTICS

FRESH WATER ●

Treated water flows
From 25 to 420 L/s

Maximum
service pressure
1,0 bar

Dimensions
Height
From 2,2 to 2,85 m
Diameter
From 0,72 to 2,21 m

SEA WATER ●

Treated water flows
From 14,5 to 220 L/s

Maximum
service pressure
1,0 bar

Dimensions
Height
From 2,2 to 2,85 m
Diameter
From 0,72 to 2,21 m

OXYGENATION CAPACITY

Reference temperature 14,5 °C, inlet O₂ contents 75% of saturation.

Ø of the OXYFLOW	Fresh water		Sea water	
	Water flow	D.O (Dissolved Oxygen)	Water flow	D.O (Dissolved Oxygen)
	in L/s	in g/h	in L/s	in g/h
Ø 720	30	3400	23	1500
Ø 840	50	4500	30	2200
Ø 960	78	6900	46	3300
Ø 1160	111	9800	67	4850
Ø 1440	152	13500	90	6500
Ø 1640	200	17500	120	8500
Ø 1840	250	22000	150	10500
Ø 2040	310	27500	185	13000
Ø 2210	378	33500	225	15500