OXZO

Technological Solutions in Oxygenation

www.oxzo.cl

OXYMAR

Generation and monitoring platform

The Oxymar® generation and monitoring platform produces oxygen and air in situ according to the user's requirement and need. It's utility coupled with the administration, maintenance, and after-sales service make OXZO a partner company at the service of the producer, allowing the customer to define the desired oxygen levels and fuel the system.

The equipment can be used to optimize the production cycle or face environmental emergencies thanks to its dual mode of oxygen and air injection.

Oxymar is a patented system that adapts to customer needs, operates 100% remotely and is available in the following formats according to its capacity: 340, 420, and 600 kg/hour, though the system can be designed for higher capacities.

Improves sanitary conditions

Farmed fish are subjected to higher densities than those found in their natural environment, generating stress and promotes disease. OXYMAR helps maintain optimal oxygen levels for a healthy development.

Using oxygen for environmental emergencies

OXYMAR's production of oxygen and air in large quantities helps producers face environmental contingencies.

Better growth rate

Having permanent oxygen saturation levels above 75% stimulates, accelerates, and maximizes the appetite of fish so that they can obtain their maximum genetic potential.

Optimize the production cycle

When the best sanitary conditions are achieved along with good SGR, OXYMAR reduces the production cycle between 2 to 3 months.

How does it work

The system permits to measure in real time and remote way the oxygen levels of the water by means of optic sensors which are located in the fish pens.

Data analysis

The system records and saves the data in our server which allows you to perform a remote monitoring of the variables as well as oxygen production.

"One click Oxygen"

The sensors, by means of complex algorithms, determine the oxygen quantity to be produced and the module sector where the oxygen must be sent to be transferred into the water.

"Register and store your data for future analysis"

Once the data are in the server, they can be obtained at any moment to carry out data analysis such as oxygen injection summary per day, month, year among others.