



# On-site oxygen generators for aquaculture and fish farming

- Industry-specific solutions
- Stimulates fish growth rate
- Increases the rearing density
- 3-step energy saving features
- Remote operation monitoring
- Offshore quality components
- Optimal reliability 24/7/365



# Increased profitability through innovative solutions

*A healthy stock, optimised production processes, and a small environmental footprint.*

*We contribute to your fish production business by supplying the oxygen technology.*

Aquaculture and fish farming are sectors in rapid development. This is because this type of food production holds an important key to high proteinic, environmentally friendly, and efficient food supply, especially beneficial for developing countries.

Fish production in fish farms and in sea-based facilities can supply nutritious food, but it is important that production takes place in an environmentally sound manner, with the least possible waste, and a healthy environment for the fish stock.

This focuses on tailor-made industry solutions to produce oxygen for aquaculture / fish farming.

A high oxygen content is important, and only solutions developed specifically for the industry can deliver it in a profitable and sustainable way.

At Oreco, we share your goals and visions. Therefore, we invest our wealth of experience and know-how to develop oxygen generators that can increase your profitability and accelerate a positive development of your business.



# Advantages of industry-specific oxygen generators

*We go beyond standard solutions by integrating industry-specific requirements for production of oxygen for aquaculture / fish farming. This provides several profitable benefits.*

Oreco generators are based on the Pressure Swing Adsorption (PSA) technology. Our development and production processes employ components of the highest quality which fully abide to our certifications ISO 9001 and ISO 13485. Furthermore, we have adapted the technology specifically to your industry with the following benefits:

- Oxygen production where you need it. Oreco PSA technology ensures maximum outcome in terms of reliability, system lifetime, purity, and cost-effectiveness.
- Reliability, support and stability 24/7. Oreco has a unique track record in terms of product quality and customer satisfaction.
- 3-stage energy-saving operation that can be intensified as biomass increases. In this way, energy consumption is adjusted to the need.

- Offshore quality based on our many years of experience in the production of marine equipment. This includes a resistant powder coating for steel surfaces.
- Permanently installed or containerised. Regardless of type, you are guaranteed maximum performance in relation to the physical and environmental footprint.

Oreco modular design solutions can be scaled to support your needs and accelerate profitable development of your business. Use our experts and advisors to put together the optimal solution for your particular needs.

Oxygen generator characteristics	
Standard gas purity	93.0%
Option gas purity	95.0%
Capacity	4 Nm <sup>3</sup> /hour – 200 Nm <sup>3</sup> /hour
Customised solutions	300 Nm <sup>3</sup> /hour
Inlet pressure	5-7.5 bar
Outlet pressure	4-6.5 bar
Power	240V/110V – 50/60Hz



# Discover the benefits. Get in touch today!

Oxygen production where you need it. We look forward to hearing about your particular wishes and to advising you on an optimal solution for your Company.

Do not hesitate to contact us for a non-binding dialogue about your options in industry-specific on-site oxygen production.

**Give us a call at +45 4332 0200  
or send us an email at [gas@oreco.com](mailto:gas@oreco.com)**

***Learn more about our solutions at [www.orecogasgenerator.com](http://www.orecogasgenerator.com)***