

CANGAS Oxygen Generator - solutions for effective aquaculture

Oxygen technology becomes economical and crucial to aquaculture and modern fish farming. It helps to increase the Food Conversion Ratio, increase stocking density, decrease diseases levels and lower fish mortality rates etc.

CAN GAS has 20 years of experience in the O₂ application technology for most aquaculture operations including re-circulation systems, flow through, ponds, sea cage and hatchery operations for both fresh water and sea water fish, and has a profound understanding of engineering of Oxygen generation and related facilities for fish farm.





The positive effects on FCR,
growth rates and mortality rates for Tilapia:

Feed Conversion Rates (FCR)

Saturation Level of Oxygen	FCR	Relative Growth Rate	Mortality
60 %	> 2,0	40	5 %
70 %	1,8	60	2 %
80 %	1,4	90	1 %
90 %	1,0	99	< 1 %



More reliable

Customers want low cost performance and reliability.

CANGAS new Oxygen system has less moving parts, making it a low maintenance, highly reliable system. The system has proven to solve a number of the problems that could occur in breeding fish.

More Economy and Simpler

The CANGAS on-site PSA O₂ units are compact, skid-mounted, and can be easily trailer mounted for ease of manoeuvrability at your site, run automatically, CANBUS HMI monitor and control all running data, and remote control is available. The generators just need to plug into a power supply and then start producing O₂. By installing CANGAS CAVA O₂ unit, you can reduce energy consumption with up to 50%.

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