

# AQUACONTROL

Innovasea's aquaControl is an automated aeration or oxygenation solution that enables ocean-based fish farms to monitor environmental conditions in real time and then easily adjust to improve water quality, protect fish stocks from harmful algae blooms or low oxygen events and maximize growth rates.

The solution features a first-of-its-kind digital control panel that can automatically deliver air or oxygen when needed or be manually controlled remotely via computer or mobile device. This flexibility gives farm operators greater control over environmental conditions without having to be on-site to adjust and optimize water conditions.

## AQUACONTROL MAKES IT EASY TO IMPROVE WATER CONDITIONS AND OPTIMIZE PRODUCTION

### USE CASES

- Sites susceptible to harmful algae blooms
- Farms that suffer from low levels of dissolved oxygen
- Locations that experience temperature stratification
- Sites with tarps and lice skirts



### BENEFITS



**Ensures** better fish health



**Improves** feed conversion ratio by optimizing water conditions



**Reduces** CO<sub>2</sub> emissions and energy costs by adding air or oxygen only when needed



**Enables** autonomous control of the site



**Provides** logged data for cost-benefit analysis

## AQUACONTROL

### KEY SPECIFICATIONS

- Panel enclosure rating: NEMA Type 4X/4/12/13
- Length: 687 mm
- Width: 650 mm
- Depth: 248 mm
- Weight: 30 kg
- Operational voltage: 120/240 (50/60 Hz)
- Temperature range: 5–50 °C
- Operating medium: Compressed air/oxygen to ISO 8573-1:2010 [7:4:4]
- Nominal pressure: 6 barg
- Minimum pressure: 3 barg
- Maximum pressure 8 barg
- Process gas outlet size: 3/8" FPT
- Channel flow range: 50–400 SLPM
- Total flow range: 50–3,200 SLPM



**AERATE OR OXYGENATE** YOUR FISH PENS REMOTELY FROM ANYWHERE – OR AUTOMATE THE PROCESS ENTIRELY BASED ON ENVIRONMENTAL CONDITIONS

INTERESTED IN LEARNING MORE?

Visit us today at [www.innovasea.com](http://www.innovasea.com)



#### About Innovasea

Innovasea designs the world's most technologically advanced aquatic solutions for fish tracking and fish farming – and builds them to withstand the toughest conditions. We partner with customers to fully understand their needs and solve their most pressing challenges. It's all driven by a commitment to make our ocean and freshwater ecosystems sustainable for future generations. **Today. Tomorrow. For life.**