

UV Water Treatment
Hydro-Optic™ Technology

We Put Your Fish Biosecurity at the Heart of Our Technology

Intensive production of marine species inevitably leads to the invasion and proliferation of pathogens in the fish growth environment.

With Atlantium's Hydro-Optic™ (HOD) UV, aquaculture facilities can reach production stability and establish a controlled growth environment with a proven and highly efficient approach. Our HOD UV is the leading technology ensuring microbiologically safe water that safeguards land-based aquaculture facilities from threats to fish production in both make-up and RAS applications.

Atlantium specializes in tailor-made disinfection solutions against a wide range of microorganisms for different types of aquatic species. From the facility design stage, through the entire production cycle — we are your trusted partner in water biosecurity.

Why HOD UV?

- With 15 years of experience in the Chilean and Norwegian Salmon market, combating viruses, fungus, algae and a wide variety of bacteria, Atlantium's HOD UV has proven itself to provide effective and invaluable protection for fish producers the world over.
- Atlantium's HOD UV technology is third-party validated for 5-log germicidal reduction and 4-log virus reduction as per EPA criteria ensuring full compliance with the most stringent present and future regulations.
- Atlantium's medium-pressure HOD UV technology is energy efficient and delivers a consistent and accurate UV dose for virus inactivation.
- Atlantium's All-in-One (AiO) Controller monitors the performance of the HOD UV system — lamp power, flow, UVT, and UV dose — ensuring that it truly delivers the required UV dose and offering peace of mind and quick access to essential information about operation and efficiency.

Contact us to learn more about HOD UV and how we can help you achieve effective and sustainable water biosecurity in aquaculture production.



Atlantium's Hydro-Optic™ (HOD) UV systems ensure microbiologically safe water.