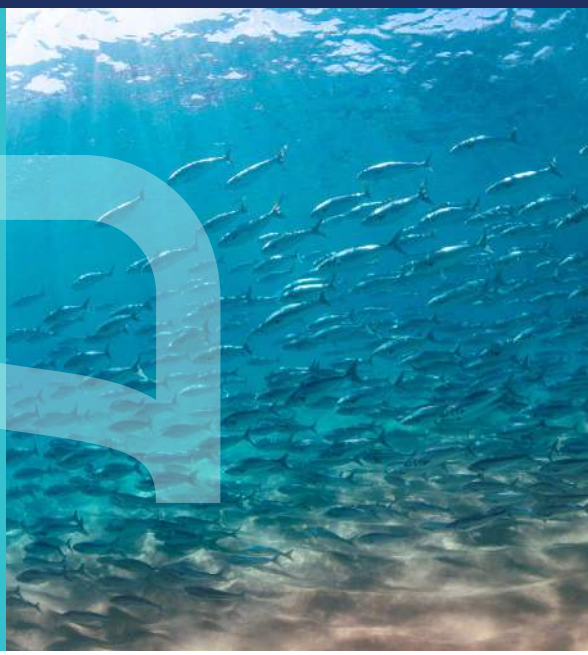
ATLANTIUM

Pure Performance

Water Biosecurity for Aquaculture Facilities. **Some promise, we deliver.**



Fish hatcheries and aquaculture operations are increasingly challenged by the presence of aquatic invasive species (AIS) and waterborne pathogens originating from external water sources. These biological threats can significantly compromise fish health, disrupt conservation programs, and impair operational efficiency.

Atlantium HOD™ (Hydro-Optic Disinfection) Medium Pressure UV system addresses the specific needs of aquaculture environments. HOD UV technology ensures effective microbial inactivation across a wide range of species, safeguarding both fish populations and production integrity.

Pure Results in Recirculating Aquaculture Systems (RAS)

Traditional disinfection methods often fall short in delivering the consistent, high-level protection required in modern aquaculture systems. Atlantium's HOD MP UV system delivers the exact UV energy across multiple passes in RAS, creating conditions that are inhospitable to pathogens and invasive species. This approach ensures water quality, reduces disease outbreaks, and improves overall system resilience.

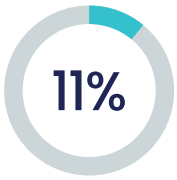
Global Experience and Proven Performance

Atlantium brings over two decades of expertise in water treatment, **with more than 1,000 aquaculture installations globally.** Our systems are deployed across key regions, including:

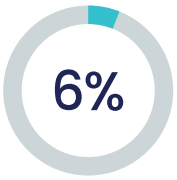
Europe

Latin America

Asia-Pacific



North America



China, Korea, and Taiwan

ATLANTIUM

Trusted by Leading Aquaculture Companies

Delivering Pure Performance

Our HOD UV systems successfully inactivate a broad spectrum of pathogens, including:

- **Viruses**
  IPN - Infectious pancreatic necrosis, VHS - Viral hemorrhagic septicemia, KHV - Koi herpesvirus
- **Yeasts**
  Saproglenia zoospores, Saproglenia spp.
- **Bacteria**
  Flavobacterium columnare, Aeromonas hydrophila, Edwardsiella Ictaluri
- **Protozoa**
  Trichinella Spiralis, Trichodina, Ichthyophthirius
- **Harmful Algal Blooms & Toxicity**
  PrymnesiumParvum (Golden)

Reliable and Sustainable Water Disinfection

Atlantium's HOD UV provides chemical-free, cost-effective, and environmentally sustainable alternative to conventional water treatment methods. By ensuring high-performance disinfection, it significantly reduces fish mortality, supports ecosystem stability, and enhances overall productivity.

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