

Innovative & sustainable aquaculture disinfection technology

less antibiotics, faster fish growth, higher profits



- Reduces bacteria, algae (Geosmin), parasites and viruses
- Increases production volume • Strengthens product quality • Streamlines workflows
- Flexible & scalable • ECO-friendly • Healthier working environment
- Easy installation • Service agreement

- **Free 12 month trial period**
- **Free delivery and setup**

AQUATURU
INTELLIGENT DISINFECTION TECHNOLOGY

Introduction

Aquaturu is a technology company that develops and produces innovative and sustainable disinfection solutions for the reduction of bacteria, algae, viruses, parasites and the substance geosmin in land-based freshwater fish farming facilities. The platform technology raises water quality, which ensures higher turnover via increased production volume, reduces costs for medicines and excipients, which contributes to a more future-proof, sustainable and environmentally friendly form of production.

At Aquaturu, we want to future-proof the fish farms with better product quality and less risk of production losses as a result of bacterial, algae, parasite or virus outbreaks.

The technology is competitive in terms of economy, efficiency, operation and maintenance.

Technology

Innovation

Aquaturu solutions ensure a better quality of production water in aquaculture facilities. Efficiency is achieved by creating a controlled electric voltage field in the water flow, whereby challenges are continuously reduced and resources are released.

Less need for medication & excipients

The total bacterial, algae, viral parasite and geosmin pressure in the water is continuously reduced, thereby reducing disease and mortality of the fish stock. With the technology, we aim to eliminate the need for medication and the use of excipients, which has a positive effect on production stock, product quality, employee health, economy and the environment.

Food safety & sustainable profile

The technology increases product quality and supports food safety, which benefits the conscious consumers of tomorrow. Furthermore, a sustainable and environmentally friendly profile is added to the fish farm.

Works in "brown" water

The units operate in dirty and unclear (cloudy) production water and do not require filtration before treatment.

Scalable

Our devices are scalable in terms of capacity to match the given facility and are only dependent on access to power, which could be supplied by solar energy.

Plug & Play - Easy to install & free support

When ordering, a review is agreed at the location, where the installation is to be located. Production is started and delivered on a pallet. The installation is handled by the staff on site. Our service department is ready if you need guidance or support before, during and after installation.

Low acquisition & operating costs

The technology is competitive in relation to existing solutions on the parameters; economy, efficiency, operation and maintenance. The units can be purchased (leased) or a rental agreement can be entered into, which includes a service agreement.

Product info



FREE TRIAL

Unit name Aquaturu 3000

Field of application: land based fresh water facilities/ Pump-solution

Device data

Number of chambers: Min. 1 stk.-Max. 3 stk.
Voltage (V): 110v/230v
Power (A): Min. 16A per. chamber
Effect (kW): Min. 1.760 W per. chamber
Flow (l/ h) : Max. 33.000 L/h pr. chamber

Setup & operation*

In order to achieve an efficient water treatment a minimum of 16 Amps should be used as power output setting. The following operating setup is recommended:

Week 1: The system is run continuously in 24-hour operation for rapid reduction of the bacterial pressure (24-hours of operation/ day)
Week 2: The system is run every 2 hours (12-hours of operation/ day)
Week 3: Ongoing treatment - The system is connected every 4-hours (6-hours of operation/ day)

This is only a recommendation, as the operating plan, depends on the water quality, the amount of water in the bassin, the density of fish in the bassin, etc. at the individual customer. The treatment also depends on the combination of flow l/h and the allocated power in kW.

Dimensions

Height= 100 cm
Width= 60 cm
Depth= 35 cm

Glossary

V = Voltage kW = Kilowatt
A = Ampere L/h = Liter pr. Hour