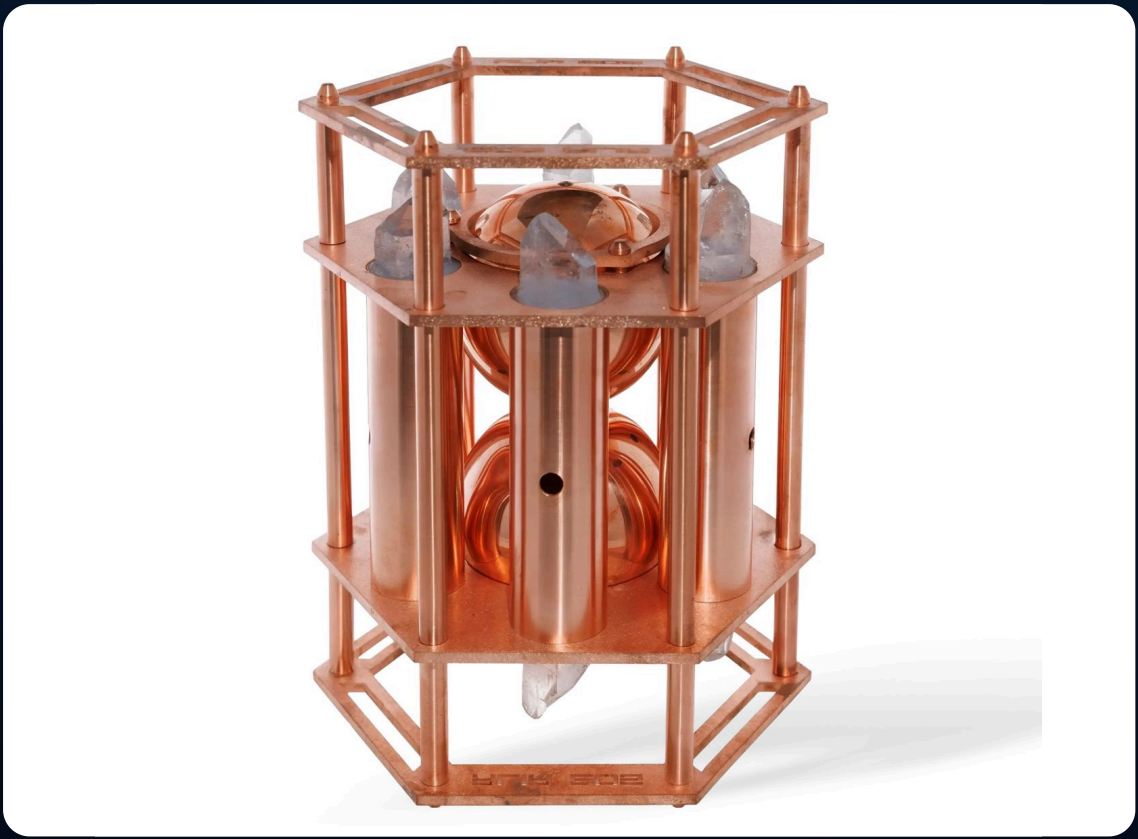


ALIA 205 | ALIA CRISTAL TECHNOLOGY

LIVING WATER TECHNOLOGY

ALIA 205

The most powerful G.R.A.I.L. crystal technology module, for large settling tanks and water reservoirs. According to the manufacturer, approx. 95% ortho-clusters and on average about 10 times the capacity of ALIA 105. No chemicals, no power supply.

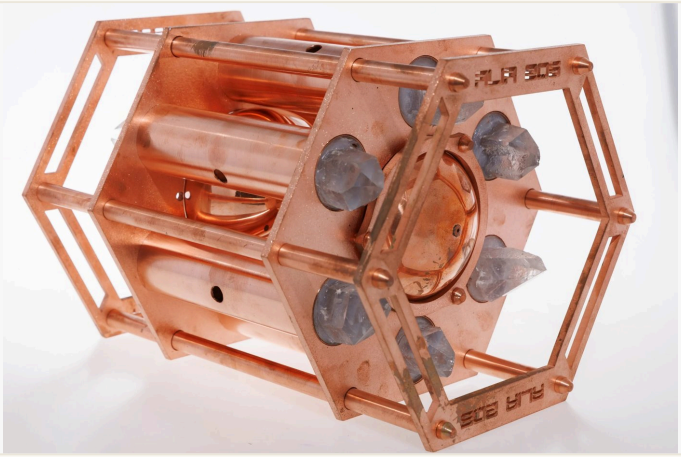
- TECHNICAL GUIDE

ABOUT THE PRODUCT

What is ALIA 205

02

ALIA 205 uses the same ALIA Cristal Technology as ALIA 105 - **G.R.A.I.L.** water, permanently programmed rock crystals and photon technology - but in a far more powerful version. It was designed for **large settling tanks and water reservoirs**, where ALIA 105 would be too small.



ALIA 205

Same technology, different scale

The module combines G.R.A.I.L. technology with photon-activated rock crystals. According to the manufacturer, it restores water structure to approx. 95% ortho-clusters - the same as ALIA 105.

The difference is capacity: ALIA 205 is on average about 10 times more efficient and handles much larger volumes of water.

For large water bodies and reservoirs

According to the manufacturer, ALIA Cristal Technology is the first system to make it possible to restore water quality in large water bodies to a high level of structure.

Because of its size, ALIA 205 does not work in a Big Blue housing - it is placed in a settling tank or water reservoir.

95%

Declared level of ortho-clusters
Manufacturer's data (G.R.A.I.L. reference water: 100%).

10×

Capacity compared to ALIA 105
On average about 10 times higher - up to approx. 500 people at once (manufacturer's data).

No power supply

Needs no electricity or electronics - works passively and continuously.

No running costs

The module does not wear out and needs no replacement. You buy it once.

Lifetime warranty

Every Living Water Technology product is covered by a lifetime manufacturer's warranty.

How ALIA 205 works

1

WATER INFLOW

Mains, well or private supply

Water flows into the facility's settling tank or reservoir - e.g. after pre-filtration, before distribution to the installation.

2

SETTLING TANK / RESERVOIR

Large volume of water

ALIA 205 is intended for tanks and reservoirs where water is stored for an entire facility or process.

3

G.R.A.I.L. TECHNOLOGY - ALIA CRISTAL TECHNOLOGY

ALIA 205 module

Placed in the tank, the module structures the water - according to the manufacturer, to approx. 95% ortho-clusters.

4

WATER OUTLET

Installation, circuit or process

Water flows to the building installation, pool circuit, process line or a watering and irrigation system.

ALIA 205
what it provides

- Water structuring to approx. 95% ortho-clusters (manufacturer's data)
- Operation with large volumes of water
- Passive operation - no electricity or chemicals
- No replacement and no running costs
- Lifetime manufacturer's warranty

Outside the scope
of the module alone

- Mechanical filtration (sand, rust, sediment)
- Removal of chlorine, iron and manganese
- Demineralisation (reverse osmosis)
- Certified water disinfection
- Installation in a Big Blue housing

APPLICATIONS

Where ALIA 205 works best

04

ALIA 205 is intended for facilities and installations where water is stored in large tanks - wherever scale and continuous, maintenance-free operation matter.

CAPACITY

500 people

According to the manufacturer, ALIA 205 serves the needs of up to 500 people at the same time without loss of performance - on average about 10 times more than ALIA 105. For facilities of up to about 50 people, **ALIA 105** in a Big Blue housing is usually enough.

Hotels and spa resorts

Water tanks for large hotels and health resorts.

HOTELS · RESORTS

Pools and water parks

Balancing tanks and large pool water circuits.

POOLS · WATER PARKS

Food industry

Process water tanks in bakeries, breweries and plants.

PRODUCTION · BREWERIES

Agriculture and livestock

Tanks for watering animals and irrigating crops.

LIVESTOCK · CROPS

Ponds and water bodies

Ponds, lakes and garden ponds - large volumes of standing water.

PONDS · LAKES

Large multi-unit sites

Shared water tanks for estates, resorts and complexes.

ESTATES · COMPLEXES

Choosing for your facility. *Whether to choose ALIA 205 or ALIA 105 depends on the scale of the installation and how water is stored. It is worth agreeing the configuration with a Living Water Technology Partner.*

How to install ALIA 205

05

Installation point

A settling, retention or balancing tank - where water is stored for the entire facility or process. The module is not intended for installation in a Big Blue housing.

Order of stages

If the installation has pre-filtration (mechanical, carbon), the G.R.A.I.L. module should work after it - in a tank with already cleaned water.

Service

The module needs no replacement or regular servicing. Only other parts of the installation, e.g. filter cartridges, require periodic maintenance.

Selection and deployment

How the module is placed in the tank is best agreed with an LWT Partner - depending on capacity, flow rate and type of facility.

Safe use

Do not heat or freeze

Protect the module from high temperatures and frost - the tank must not freeze.

No dishwasher or microwave

Do not wash module components in a dishwasher or place them in a microwave oven.

Keep away from electronics

Avoid long exposure to strong electromagnetic fields (e.g. switchboards, routers).

The module is responsible for **water structure**, *not filtration. With elevated water parameters, the installation is complemented with stages selected after a water analysis, e.g. filtration, iron removal or a UV lamp.*

CHOOSING A VERSION

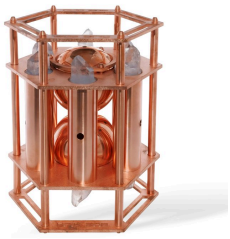
ALIA 105 or ALIA 205?

06



ALIA 105

- **Big Blue 10″ / 1″** housing
- approx. **95%** ortho-clusters
- up to approx. **50 people** at once



ALIA 205 THIS GUIDE

- **Settling tanks and reservoirs**
- approx. **95%** ortho-clusters
- up to approx. **500 people** - approx. 10× capacity

Both versions provide the same declared level of structure - they differ in **capacity and working location**. *ALIA 105 is installed in a Big Blue housing at the water inlet, ALIA 205 in large settling tanks and reservoirs.*

Technical specification - ALIA 205

PARAMETER		VALUE
Type	→	ALIA Cristal Technology structuring module
Working location	→	Settling tank or water reservoir
Technology	→	G.R.A.I.L. + photon-activated rock crystals
Declared structure	→	approx. 95% ortho-clusters
Capacity	→	on average approx. 10× ALIA 105; up to approx. 500 people at once (manufacturer's data)
Power supply	→	Not required
Maintenance	→	Maintenance-free - the module needs no replacement
Warranty	→	Lifetime manufacturer's warranty

FREQUENTLY ASKED QUESTIONS

FAQ

07

How does ALIA 205 differ from ALIA 105?

Same technology and the same declared level of approx. 95% ortho-clusters. ALIA 205 is on average about 10 times more efficient and works in large tanks.

Where is ALIA 205 installed?

In a settling tank or water reservoir. Because of its size, it is not installed in a Big Blue housing.

Does the system need a power supply?

No. The G.R.A.I.L. module works passively - without electricity, chemicals or electronics.

Does the module need replacing?

No. The module does not wear out and needs no replacement. You buy it once, with a lifetime manufacturer's warranty.

Does ALIA 205 filter water?

No. The module is responsible for water structure and does not retain sediment or chlorine. Filtration is used as a separate stage before the tank.

Is this water disinfection?

No. The system does not provide certified bacteriological or virological disinfection.

When is ALIA 105 enough?

For installations at the water inlet of homes, offices and smaller facilities - according to the manufacturer, up to approx. 50 people at once.

Where can I buy the system?

Orders are handled by Living Water Technology Partners - see the list at livingwatertechnology.com/lista-partnerow.

CONTACT

Contact Living Water Technology

Get in touch about module selection, water analysis and installing ALIA 205 in your facility. info@livingwatertechnology.com

LIVINGWATERTECHNOLOGY.COM

This document is for information and technical purposes and is based on the product specification of Living Water Technology. The description of G.R.A.I.L. technology, the declared level of ortho-clusters and capacity data reflect the manufacturer's concept and data. The module is not a filtering device and does not provide certified disinfection of drinking water. This document contains no medical or health claims.