



Bioquell® RBDS

A Fully Managed Rapid
Bio Decontamination Service

Bioquell® RBDS



**SCALABLE AND
ADAPTABLE TO YOUR
NEEDS**



**DEDICATED RESPONSE,
AN UNMATCHED SERVICE
OPTION**



**RAPID RESPONSE WITH
PROVEN RESULTS**

Rapid Bio Decontamination Service for the life sciences and healthcare markets

Ecolab's Bioquell Rapid Bio Decontamination Service (RBDS) provides a fully inclusive service providing everything required to complete a 6-log sporicidal kill on all exposed surfaces within your facility.

Ecolab's Bioquell RBDS is designed to work with your operational requirements, whether in an emergency situation or as part of a pre-planned intervention. You can even use our rapid response service to bio-decontaminate critical equipment such as a laminar flow hoods, isolators, lyophilisers and more.

Ecolab's Bioquell RBDS offers:

- ▼ Planned, proactive or rapid emergency deployment based on your operations
- ▼ Dedicated response contract options to host Bioquell equipment onsite and provide guaranteed response times for rapid emergency deployment
- ▼ A completely scalable process, from single rooms to whole facility bio-decontamination
- ▼ 6-log sporicidal kill on every exposed surface with Hydrogen Peroxide Vapour bio-decontamination, verified with industry standard *Geobacillus stearothermophilus* biological indicators
- ▼ A fully managed process, from site survey through to final bio-decontamination report, with no capital equipment expenditure required
- ▼ No wipe downs or additional cleaning required after process completion



Deployment types:

Dedicated Response Plans

RBDS is able to work with you to ensure that, should the worst happen, the bio-decontamination process is smooth, efficient and stress free. After meticulous review of your facility and operations, a thorough plan for bio-decontaminating the area is produced including logistics, equipment positioning, and personnel requirements. This may include guaranteed response times and dedicated equipment hosted at your facility.

Emergency Response Situations

Significant downtime, product wastage and severe financial implications can result from an unaddressed contamination. When such an emergency situation occurs, Ecolab can help you quickly stop this spreading and recover the impacted areas with verified results.

Maintenance Shutdowns and End of Campaign

At the end of a production campaign or a shutdown period, residue-free bio-decontamination can significantly reduce the restart time of the facility whilst reducing the risk of residual bio-burden.

Commissioning/New Construction

After construction or renovation, it is critical to remove any potential contaminants which may remain in the cleanroom. Incorporating Ecolab's Bioquell RBDS is a quick and easy solution to ensure that the environment does not become a source of microbiological contamination

Components



1 Vaporisers are placed strategically to emit the vapour and can be networked with multiple vaporisers to cover large volume areas.

2 Aeration and distribution units help efficiently spread the vapour at the start of the cycle and quickly remove it during the aeration stage.

3 Control panel networks multiple vaporisers, environmental monitoring equipment (not pictured), and aeration units from a single device.

4 Portable hydrogen peroxide vapour detectors are used to constantly monitor the occupied areas to ensure process safety.

Bioquell® RBDS

Experts You Can Trust

By using Ecolab's Bioquell RBDS you can ensure compliance to the laws and regulations within your country and most others around the world.



Compliant with Europe's Biocidal Products Regulation (BPR)

Supports Compliance with GMP annex 1:

- ▼ 4.33: "Disinfection should include the periodic use of a sporicidal agent".
- ▼ 4.14: "Decontamination of facilities (e.g. the cleanrooms and the heating, ventilation and air-conditioning (HVAC) systems)".
- ▼ 9.13: "If alerts are exceeded, operating procedures should prescribe assessment and follow-up, which should include consideration of an investigation and/or...corrective actions to avoid any further deterioration of the environment".

Reporting

Ecolab's Bioquell RBDS includes a detailed final report confirming that a 6-log kill was achieved in the defined space.



Each report includes:

- ▼ Cycle parameters and graphs
- ▼ Readings through vapour injection phases
- ▼ Incubation records and results of biological indicators

For regional office details, please visit [bioquell.com](https://www.bioquell.com)

USE BIOQUELL PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

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