



GEA No Intervention Fines Return System

Hands off

- No downtime. No contamination. No risk.

No Intervention FRS is built on decades of industry experience

Automate your CIP process

The new No Intervention Fines Return System (patented) for food and dairy spray dryers enables faster cleaning-in-place (CIP) processes, less downtime, no contamination risks, and improved overall working conditions. Gain peace of mind with a system that guarantees food and operator safety and allows you to focus on the big picture.

No manual interventions

This uniquely engineered No Intervention Fines Return System (FRS) automates the CIP process via patented valves designed to comply with EHEDG hygienic design criteria. That means an end to manual lifts and the leakage risks that come with mis-assembly. By avoiding manual conversion before and after CIP, your process becomes faster, safer, and more reliable.

Your benefits:

- Less downtime
- No contamination risks
- No risk of CIP liquid leakage
- Improved working conditions



The new valve is designed following the EHEDG hygienic design criteria and has been successfully tested independently, by EHEDG certified test institute, under flow conditions in line with its use.

No more safety concerns

No one knows more about spray drying than GEA. We listen to our dairy customers, and we realize that precious time is often wasted on disassembly and re-assembly in connection with CIP of the fines return system. Even more concerning is the fact that manual intervention poses risks to food and operator safety.

No Intervention FRS is built on decades of industry experience designing and supplying more than 10,000 GEA plants worldwide. With this solution for your fines return system's CIP, you are guaranteed an unprecedentedly efficient, reliable, and safe process.

New installation or retrofit? No problem.

No Intervention FRS is explicitly designed for food and dairy powder processing and applicable to almost all plants, including new spray drying installations and existing plants' retrofits. Either way, the results mean better CIP processes, improved working conditions, decreased downtime, and eliminated contamination risks.

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