



NEWS RELEASE

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Alfa Laval Free Rotating Retractor: 100% cleaning coverage for ducts and tanks in hygienic processing lines

Preventing contamination is a crucial element in the design of hygienic processing lines. Yet manufacturers often face uncertainty when cleaning ducts, tanks and other confined spaces with hard-to-reach shadow areas. The new Alfa Laval Free Rotating Retractor, a high-efficiency retractable cleaning device, provides complete cleaning assurance, enhancing product safety while boosting uptime and productivity.

“The Free Rotating Retractor is the latest example of how Alfa Laval works to make 100% cleaning coverage in hygienic processing lines, like milk or infant powder plants, a reality,” says Babak Shojaei, Manager, Product Management, Tank Cleaning, Alfa Laval. “We remain tireless in our efforts to innovate to meet customer needs.”

Complete cleaning assurance

Preparing hygienic vessels quickly and economically so that all interior surfaces are spotlessly clean and ready for production is easy with the Free Rotating Retractor. Dynamic and resource-efficient, this retractable Cleaning-in-Place device remains sealed off from the product area during production, flush with the vessel wall. The spray head slides out, expelling cleaning media in a 310°-up spray pattern across the vessel surface. Upon completion of the cleaning cycle, the spray head retracts, and the vessel is production-ready.

Boost process uptime and product safety

The Free Rotating Retractor quickly and effectively removes residues from the interior surfaces of hard-to-clean vessels, limiting cross-contamination, minimizing downtime, and increasing productivity. It complies with FDA, EU and China regulations while securing good manufacturing and hygiene practices at dairy, food, beverage, home and personal care, and other processing facilities. For high-purity pharmaceutical and

biotechnology processing lines, the Free Rotating Retractor UltraPure is the solution. A 3.1 documentation package for metal parts is available upon request.

Up to 35% savings in water, chemicals and time

Dynamic and resource-efficient, this cleaning device delivers up to 35% savings in water, chemicals and time for every CIP cycle compared to conventional static spray ball technology. Moreover, more efficient use of resources enhances sustainability throughout manufacturing operations.

Low total cost of ownership

It is easy and economical to install, operate and maintain the Free Rotating Retractor due to its streamlined construction. To fully automate operation, pair two or more of these cleaning devices and Alfa Laval ThinkTop sensing and control units with an existing CIP system. All told, the retractor's total cost of ownership is low due to the minimal cost and effort involved in owning and operating it.

Learn more at www.alfalaval.com/FreeRotatingRetractor

This is Alfa Laval

Alfa Laval is a world leader in heat transfer, centrifugal separation and fluid handling, and is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets. Together, we are pioneering positive impact.

Alfa Laval has 20,300 employees. Annual sales in 2022 were SEK 52.1 billion (approx. EUR 4.9 billion). The company is listed on Nasdaq Stockholm.

www.alfalaval.com

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