



Alfa Laval at BrauBeviale 2023 – Climate action with every brew

28-30 November 2023, Hall 7, Stand 7-249, Exhibition Centre Nuremberg, Germany

Take climate action with every brew at the Alfa Laval Stand 7-249, where beer producers can learn how to drive sustainable brewing practices, improve yield and efficiency without compromising on quality.

Alfa Laval is proud to announce its participation in BrauBeviale 2023, where the leading global provider of heat transfer, separation and fluid handling products will introduce a range of ground-breaking solutions designed to help brewers significantly reduce their environmental impact and carbon footprint. With a strong commitment to sustainability, Alfa Laval is revolutionizing the brewing industry, offering brewers a range of eco-friendly products that not only enhance the quality of their beer but also drive operational efficiency.

The six cutting-edge solutions to be presented at BrauBeviale 2023 are:

Reduce transportation costs and carbon footprint

The new Alfa Laval Revos Concentration and Re-draft Systems are a particularly sustainable solution for the efficient concentration of beverages. Reduce transport-related costs, packaging, and carbon emissions by up to 80% due to reduced concentrate shipping volumes for rehydration at bulk packaging facilities or at points of sale. Alfa Laval's patented low-temperature, high-pressure processing system preserves the flavour, aroma, minerals and alcohol content of the original beer whilst providing a sustainable option to get beer to customers and consumers.

Reduce dry hopping to half a day

Alfa Laval's dry hopping solution, Alhop, is a cost-effective sustainable system for dry hopping (the process of adding hops to the beer after primary fermentation) in medium-sized breweries. Brewers produce distinctive beers while achieving higher extraction rates, reducing hop wastage and resource consumption. The Alhop system is easy to integrate, ensuring a seamless transition to sustainable brewing without compromising quality or efficiency.

Water-saving valve control units

Alfa Laval ThinkTop V50 and ThinkTop V70 are the compact second generation of control units for hygienic valves. With their precise control and monitoring capabilities, these valve control units minimize water and cleaning media usage, thereby reducing water consumption by up to 90%. With efficient automation, ThinkTop controlled valves contribute to a more reliable, sustainable, and cost-effective brewing process.

Energy-efficient beer separation

Alfa Laval beer centrifuges require up to 75% less energy than conventional centrifuges and up to 70% less water thanks to new water solutions – the best in the industry. Product loss is also significantly reduced compared to longer storage. Brewers can move faster from fermentation to finished product, boosting capacity without having to invest in new tanks.

Lower greenhouse gas emissions

Maximize heat transfer efficiency and reduce energy consumption with the market's widest heat exchange portfolio. Brewers can get optimal heat recovery, with up to 15% increase in energy efficiency, resulting in cost savings, reduced carbon footprint and improved sustainability performance.

Meet the team

John Kyle Dorton, Head of Brewery Systems and Brewery Industry Owner at Alfa Laval said: "We are excited to showcase our innovative brewing solutions at BrauBeviale 2023. With rising energy prices, the threat of water scarcity and a more eco-conscious consumer, brewers' sustainability is not a nice to have, but a need to have."

"These products are a testament to our dedication to helping brewers minimize their environmental impact, reduce their carbon footprint, and operate more efficiently. We look forward to engaging with brewers and industry professionals at the event and sharing the future of sustainable brewing."

Visit Alfa Laval at Stand 7-249, at BrauBeviale 2023 to learn more about these pioneering solutions and how they can transform the brewing industry. Company representatives will be available for discussions, product demonstrations, and to answer any questions.

About 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.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day.

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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The following images are attached to the press release:

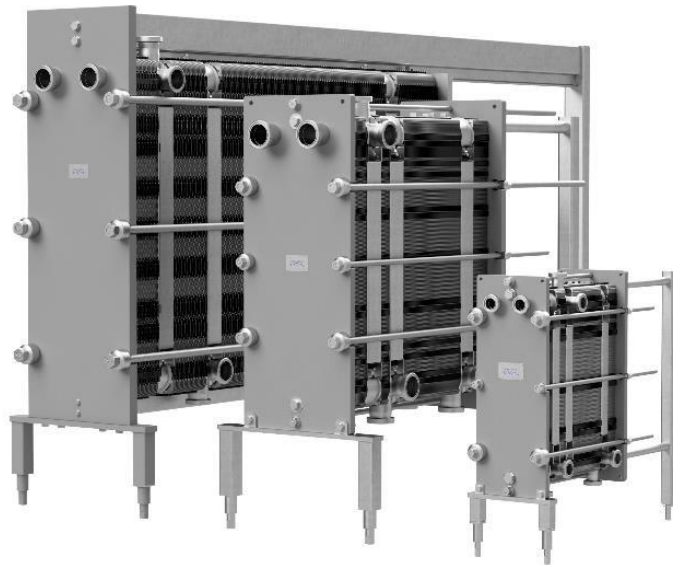
1. Alfa Laval Alhop reduces dry hopping to half a day.
Alfa Laval_Alhop_Left.jpg



2. The Brew 750 beer centrifuge which saves up to 75 per cent energy usage.
Alfa Laval_Brew_750.jpg



3. The Hygienic Line plate heat exchangers which reduce the CO2 footprint of breweries.
Alfa Laval_Hygienic_Line.jpg



4. The Alfa Laval ThinkTop V70 and ThinkTop V50 valve control units that reduces up to 95 percent water consumption during cleaning.
Alfa Laval_ThinkTop V70 and V50.jpg

