



NEWS RELEASE

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Expanded Alfa Laval Unique DV-ST UltraPure valve range boosts aseptic processing efficiency

To meet the rising demand for more efficient aseptic processing, Alfa Laval is extending its range of Unique DV-ST UltraPure diaphragm valves. The all-new range comes with slimmer actuators and optimized lightweight cast valve bodies with options for unbeatably economical operation. The enhanced DV-ST UltraPure range is fully customizable to meet virtually any aseptic process requirement across the food and pharmaceutical industries.

Slimmer, space-saving actuators and lightweight cast valve bodies for optimized performance are the innovations behind the enhanced DV-ST UltraPure range. These smaller aseptic diaphragm valves deliver big – from lower total cost of ownership to tangible sustainability gains.

“These enhancements make our Unique DV-ST UltraPure diaphragm valves second to none,” says Paw Kramer, Portfolio Manager, Valves and Automation, Alfa Laval.

Smaller actuator footprint, big performance

Size matters. The new stainless steel slim (SS/SL) DV-ST UltraPure actuator is 42% lighter, 25% more compact, and 17% shorter in height than most actuators. Another plus: it is more energy efficient due to reduced air consumption. Tested to perform a million strokes without service, these fully welded, maintenance-free actuators handle a wide range of pressures. Options include a stroke limiter, economical valve position indication, and comprehensive automated valve sensing and control.

New Cast Optimized Performance (OP) valve bodies

Joining the DV-ST UltraPure family of valve bodies is the new ASME BPE-compliant Cast OP. Engineered based on computational fluid dynamics analysis, it is 36% lighter

in weight, on average, than the standard cast valve body and features a much smaller seat size. This translates into benefits including: reduced installation costs due to smaller footprint; faster, more energy-efficient cleaning cycles because there's less steel to heat for sterilization in place; lower total cost of ownership due to smaller diaphragms, handles and/or actuators; and, safe, simple, low-cost maintenance.

Engineered to exact customer specifications

Fully customizable, the enhanced Unique DV-ST UltraPure range meets virtually any aseptic process requirement. It is backed by the Alfa Laval Q-doc documentation package for full parts traceability, smooth qualification and validation processes, and long-term peace of mind.

To learn more about the enhanced Alfa Laval Unique DV-ST UltraPure range, visit www.alfalaval.com/unique-dv-st-ultrapure/

This is Alfa Laval

Alfa Laval 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 – always going the extra mile 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. It's all about *Advancing better*[™].

Alfa Laval has 16,700 employees. Annual sales in 2020 were SEK 41.5 billion (approx. EUR 4 billion). The company is listed on Nasdaq OMX.

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