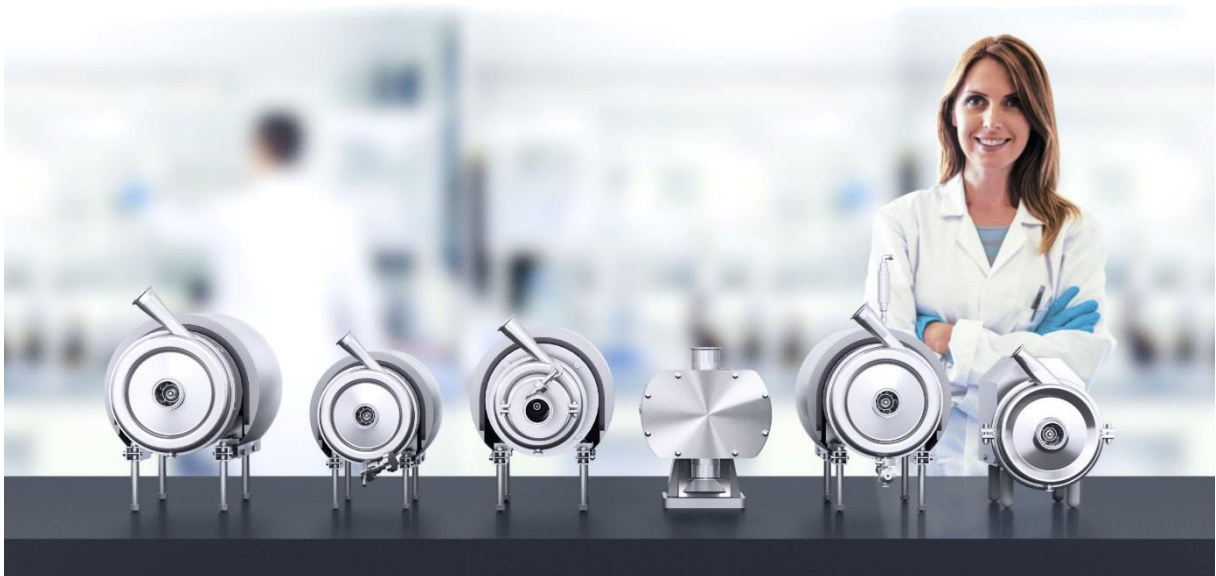


## Press Release

July 2018

# Introducing the newly expanded Alfa Laval UltraPure range of pharmaceutical pumps

**Alfa Laval is expanding its successful range of UltraPure pharmaceutical pumps with even more selection. Whether a pharmaceutical or biotech process requires a centrifugal or PD (positive displacement) pump, the complete range of Alfa Laval UltraPure pumps cover virtually any pharma or biotech need.**



“These are safe and reliable pumps, with features such as hygienic design, repeatability and minimized contamination risk,” says Alfa Laval UltraPure Portfolio Manager John Walker. “Along with higher yields, increased uptime and the low energy consumption, this translates into lower user costs. As sustainability aspects continue to gain traction in the market, the pharma and biotech industry will appreciate the energy efficiency and low CO2 footprint.”

The expanded Alfa Laval UltraPure range includes the newly released Alfa laval LKH Prime UltraPure, a greater selection of the well-known Alfa Laval LKH UltraPure, the new Alfa laval SX UltraPure and the streamlined high-performance Alfa Laval Solid-C UltraPure.

#### **Alfa Laval LKH Prime UltraPure**

The Alfa Laval LKH Prime UltraPure sets the new standard in self-priming pharmaceutical pumps. Primarily used for cleaning-in-place duties containing entrained air, Alfa laval LKH Prime UltraPure can also pump product, further reducing capital investment.

#### **Alfa Laval LKH UltraPure**

Alfa Laval LKH UltraPure delivers maximum uptime and high efficiency for pharmaceutical applications. A precision-engineered pump and motor provide optimal efficiency with gentle product treatment.

#### **Alfa Laval SX UltraPure**

The new Alfa Laval SX UltraPure offers low pulsation and gentle pumping, and is designed specifically for transporting sensitive liquids efficiently and effectively. It is made for the hygienic and high-purity applications of the biotechnology and pharmaceutical industries.

#### **Alfa Laval Solid C UltraPure**

Alfa Laval SolidC UltraPure pumps strike the perfect balance between price and performance. This standardized centrifugal pump is ideal for use in duties such as cleaning-in-place (CIP) and intermittent product pumping.

#### **Discover Alfa Laval UltraPure**

Designed for the demands of the pharmaceutical and biotech industries, Alfa Laval's UltraPure range of pumps offer innovative features that can help to optimize production.

All Alfa Laval UltraPure pumps take into account:

### **Safety**

Alfa Laval UltraPure pumps feature a high level of attention to hygienic design and repeatability to reduce the risk of contamination. Alfa Laval's downloadable Q-doc documentation, based on GDP (Good Documentation Practice), provides full details of the product and simplifies qualification, validation and change control to assure consumer safety.

### **Reliability**

All Alfa Laval UltraPure pumps use robust designs that are time-tested and proven in the pharmaceutical industry. Every UltraPure pump includes full documentation of the production chain, from raw material to delivered equipment, to guarantee the repeatability of your product and provide 100% batch quality.

### **Efficiency**

Alfa Laval UltraPure pumps are cost-effective pumps that deliver maximum energy efficiency, a reduced CO2 footprint, higher yields and increased uptime.

### **Global coverage with local presence**

Our wide range of Alfa Laval UltraPure pumps can meet any of your process challenges. No matter where you are, we have support and service experts close by. And all UltraPure pumps use standardized parts for easy specification and delivery, and fast service turnaround.

Every Alfa Laval UltraPure pump comes with Alfa Laval Q-doc, the comprehensive documentation package that provides a complete overview of the production chain, from raw material to delivered equipment, to assist in validation, qualification and change control.

Information on Alfa Laval Q-doc:

[www.alfalaval.com/industries/biotech-pharmaceuticals/q-doc-documentation/](http://www.alfalaval.com/industries/biotech-pharmaceuticals/q-doc-documentation/)

Information on Alfa Laval UltraPure pumps: [www.alfalaval.com/ultrapure-pumps](http://www.alfalaval.com/ultrapure-pumps)

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## **Editor's notes**

### About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company's equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval's products are also used in power plants, aboard ships, oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval's worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena.

Alfa Laval's worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena. Alfa Laval is listed on Nasdaq OMX, and, in 2017, posted annual sales of about SEK 35.3 billion (approx. 3.6 billion Euros). The company has about 16 400 employees.

[www.alfalaval.nl](http://www.alfalaval.nl)