



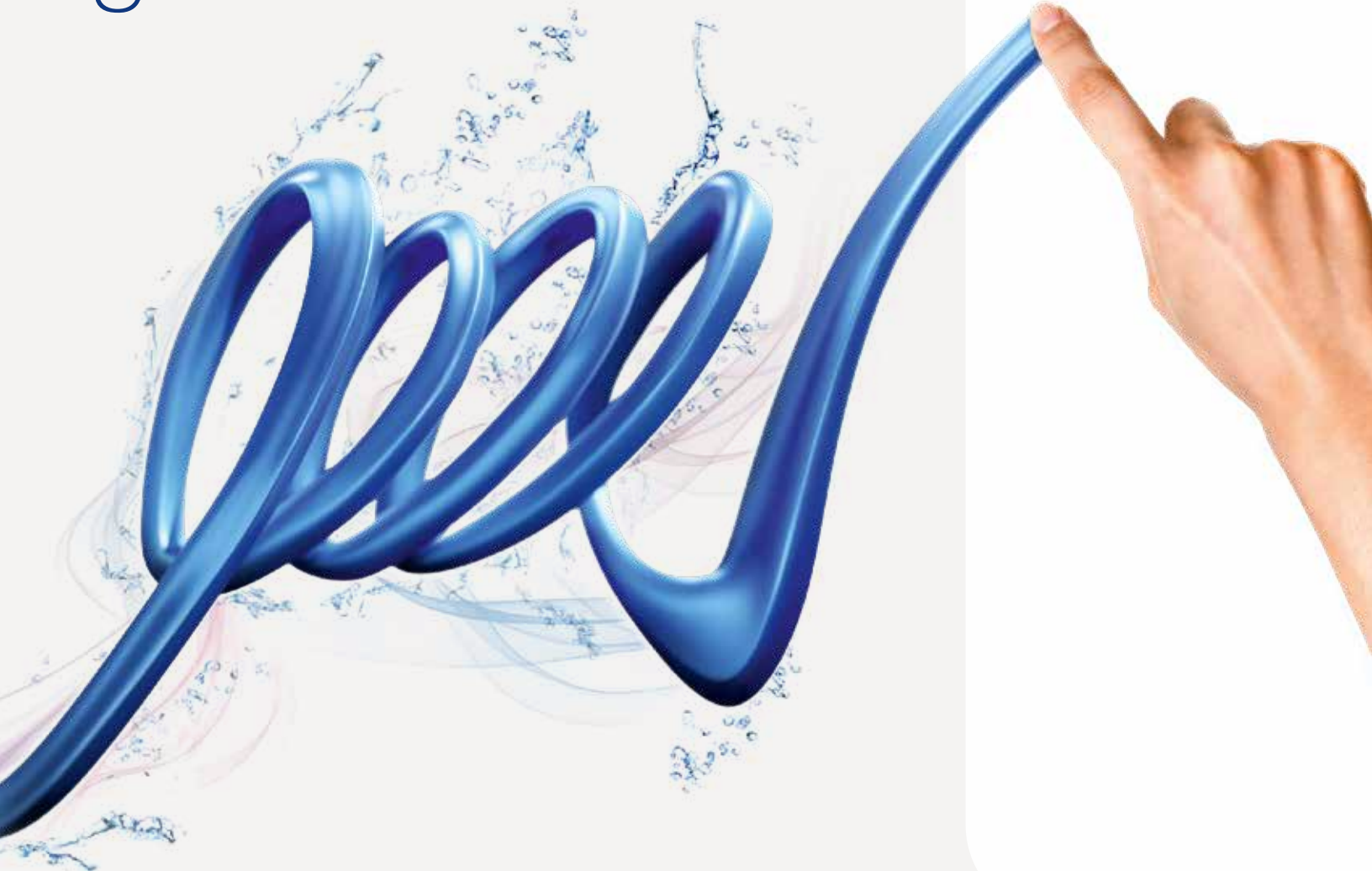
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# Premium goes Prime



Alfa Laval LKH Prime self-priming pump



### Reliable

Alfa Laval LKH Prime is built on Alfa Laval's range of best-selling hygienic centrifugal pumps. Being part of this range, the Alfa Laval LKH Prime is reliable, easy to service and maintain. Alfa Laval's channel partner network ensures you receive the expert knowledge, the right equipment and service whenever and wherever you need it.

### Meets global standards

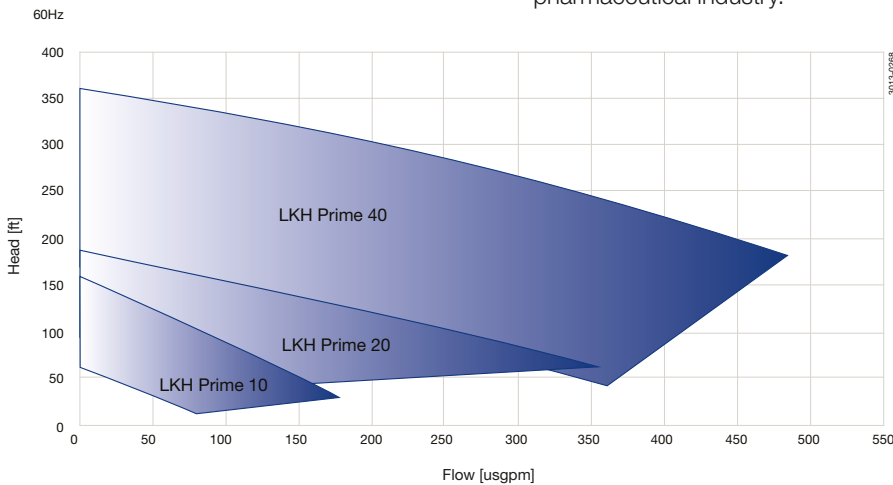
Alfa Laval LKH Prime is engineered to meet the most stringent standards and hygienic requirements. It substantially reduces noise compared to conventional liquid ring designs. The pump has been designed, tested and approved by EHEDG and according to the 3-A standard.

Alfa Laval LKH Prime UltraPure is available with Alfa Laval Q-doc, our comprehensive documentation package meeting the standards required for the pharmaceutical industry.

### Versatile

Designed primarily for Cleaning-in-Place (CIP) duties containing entrained air, Alfa Laval LKH Prime can also pump product. Using a single pump, where multiple pumps are normally required saves on capital and installation costs, increasing plant efficiency and cleanliness.

Combining the air-screw with a highly efficient centrifugal impeller allows for gentle handling of sensitive product media.



### Wide performance envelope

The Alfa Laval LKH Prime pump is the market leader in self-priming Air Screw technology. With the most extensive performance envelope, offering unrivalled flow and pressure capability, in addition to best in class efficiency, the LKH Prime exceeds the most demanding requirements of the hygienic market.

# Premium goes Prime

The Alfa Laval LKH Prime range sets a new standard in self-priming pump technology. It is an efficient, versatile and hygienic self-priming pump that uses a combination of air-screw technology and advanced design to meet the most stringent requirements in a range of industries including food, dairy, beverage, pharma, home and personal care. The latest member of Alfa Laval's range of best-selling hygienic centrifugal pumps, takes your operations from premium to prime with the most extensive performance envelope.

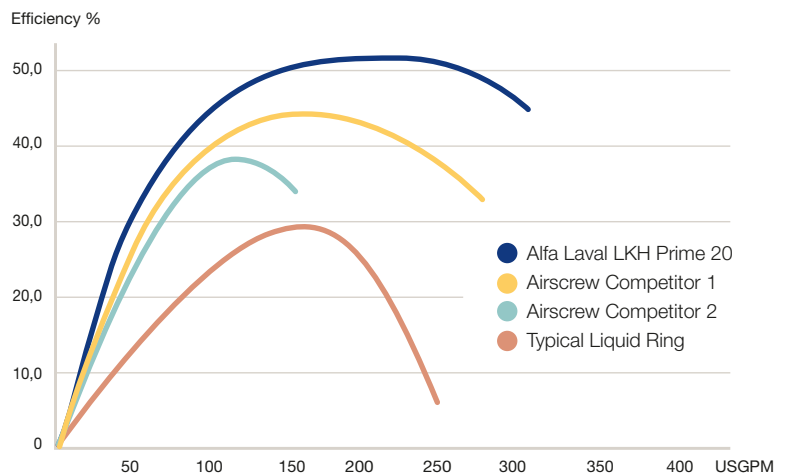


## Quietly efficient

Alfa Laval LKH Prime is a cost-effective self-priming pump that reduces energy consumption and CO<sub>2</sub> footprint. Trimming the impeller to match the exact duty conditions lowers power requirements and installation costs.

Alfa Laval LKH Prime is up to 60% more efficient than traditional liquid ring pumps and up to 25% more efficient than other air-screw pumps, directly lowering energy cost.

It operates with 80% less noise than traditional liquid ring pumps.



Up to **60%** Greater efficiency

**80%** Effective noise reduction (sound pressure level)

**74** dBa (typical LKH Prime)

**81** dBa (typical liquid ring)





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#### **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™*.

#### **How to contact Alfa Laval**

Contact details for all countries are continually updated on our web site. Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information.

