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## Premium goes Prime

Alfa Laval LKH Prime self-priming pump



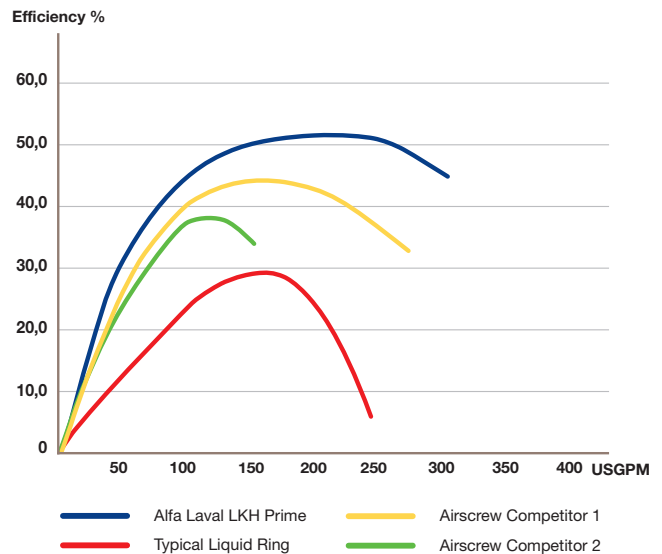
# Premium goes Prime



Alfa Laval LKH Prime 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.

## 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 – over a wider performance envelope (see graph). It operates with 80% less noise than traditional liquid ring pumps.



## 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, and increases plant efficiency and cleanliness.

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



# 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 and easy to service and maintain.

Alfa Laval's channel partner network ensures you get the expert knowledge and 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 is EHEDG certified and designed 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.



Alfa Laval  
LKH Prime

The latest in Alfa Laval's premium range of best-selling hygienic centrifugal pumps.



Alfa Laval  
LKH Prime UltraPure



Alfa Laval  
LKH



Alfa Laval  
LKH UltraPure



Alfa Laval  
LKHHPF



Alfa Laval  
LKH Multistage



Alfa Laval  
LKH Evap

## **Alfa Laval in brief**

Alfa Laval is a leading global provider of specialized products and engineering solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again. We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuff, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

## **How to contact Alfa Laval**

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.us](http://www.alfalaval.us)

## **How does the Alfa Laval LKH Prime work?**

See more on our website at [www.alfalaval.us/lkhprime](http://www.alfalaval.us/lkhprime)

## **How does the Alfa Laval LKH Prime UltraPure work?**

See more on our website at [www.alfalaval.us/lkhprime](http://www.alfalaval.us/lkhprime)

