

Alfa Laval Valves

Preventive maintenance guidelines

Plan your budget and your downtime

A production stop caused by poor operation or breakdown is costly. Both due to lost product and expensive service.

The most cost-effective way to ensure product safety and production reliability, is to plan and carry out service at scheduled intervals.

Using the Alfa Laval guidelines it is easy to plan the relevant maintenance intervals. You are able to plan your operating budget and the risk of breakdowns is virtually eliminated. Financially, preventive maintenance makes sense.

Instruction manuals and service videos



Detailed manuals are supplied with every product. Service and maintenance videos have been created to enable you to service Alfa Laval products in a correct and efficient way. Scan the QR code to access the service videos.

Genuine spare parts and service kits



Alfa Laval Service Kits are available for scheduled maintenance. They contain all the relevant parts needed for general service. Using genuine Alfa Laval spare parts guarantees the right quality and composition of materials. They of course come with full traceability. Scan the QR code to access the spare parts catalogue.

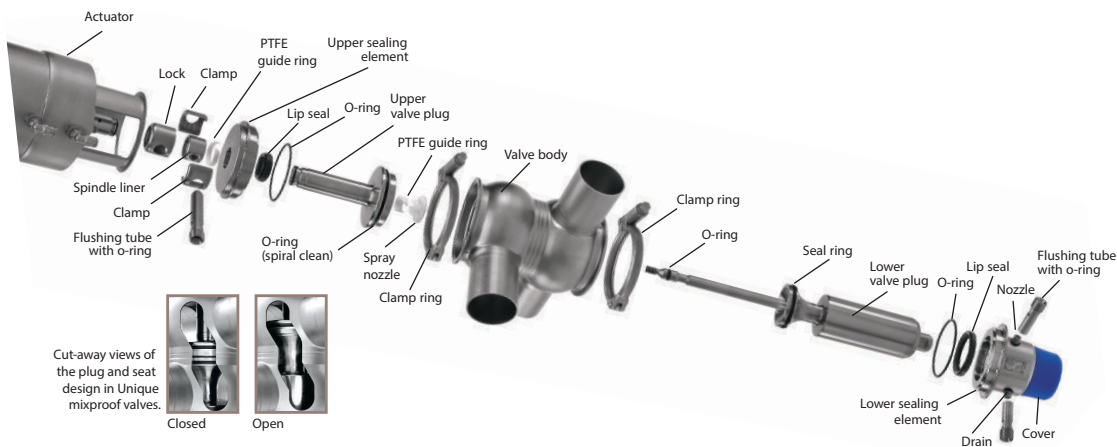
Alfa Laval service tools

Alfa Laval has the specific tools required to service Alfa Laval hygienic equipment. These include tools for installing, operating and maintaining our hygienic equipment.

Using genuine spare parts ensures your certificates are still valid.



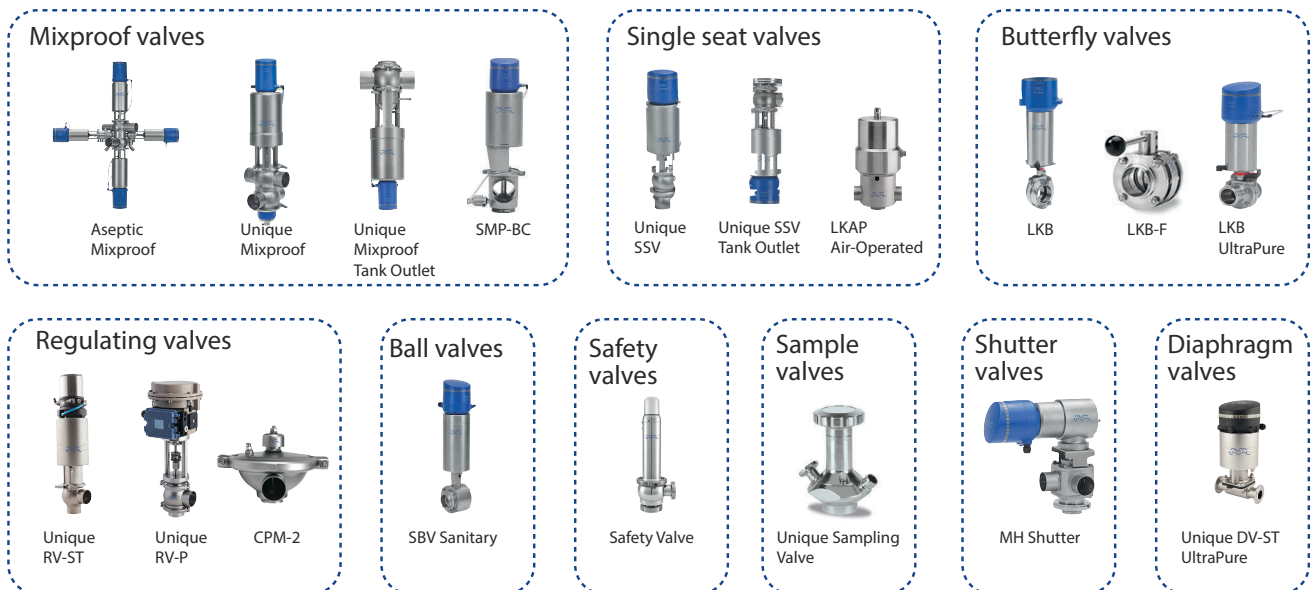
Example of exploded view - Unique Mixproof



Inspect the valves regularly

The Alfa Laval valves are available in various configurations to fit specific applications. To inspect the valves you need to know the type of valves and which seals are used. This information can be obtained online by using the serial number no which along with year of manufacturing is laser marked on to the actuator. Preventive maintenance aims to prevent failure of equipment by doing e.g. regular inspection of seals, lubrication and/or adjustments of surrounding equipment without prior knowledge of equipment failure. Based on experience and knowledge about the running conditions, it is also possible to replace wear parts before they fail. Keeping a record of the valve is a good way to build experience for inspection planning.

This Preventive Maintenance Guideline is applicable to most types of valves. Below are shown some examples:



Suggested scheduled maintenance intervals

Several factors influence the maintenance cycle. The number of activations is important but even with few activations the rubber materials will harden over time and need replacement. The time depends on the product contents, concentration and type of CIP, SIP, differential pressure and processing temperatures. To ensure that your valves operate efficiently, it is essential to follow a simple preventive maintenance programme. Good maintenance requires careful attention at regular intervals. For lubrication please always refer to the manual for specific information on oil/grease types and required maintenance. Alfa Laval recommend:

- Always carefully follow the instruction manual for the specific valve.
- Lubricate relevant rubber parts with the lubricant supplied with the service kit before fitting.
- Service kit for valves actuator parts: Replace after 5 years or depending on working conditions.
- Service kit for valves product wetted parts: Replace every 12 months or depending on working conditions.
- Service kit for Unique sampling valves: Replace after 500-1000 samples depending on working conditions

The guidelines may not apply in all working conditions. Please contact Alfa Laval for information relating to specific applications.

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