



Intelligent Reliability

Solutions for superior flow control



The only automation unit with a built-in actuator.



“An economical and effective process is about two things: simplicity and control. That’s what Unique Control is all about. It’s a game changer on the valve market – no question.”

Optimal and reliable fluid handling is one of the keys to an efficient and cost-effective process. Getting it right can result in substantial savings and efficiency gains. Alfa Laval’s superior solutions ensure optimal flow throughout your process. We offer a wide range of reliable hygienic valves, with intelligent automation to keep everything flowing.

And now we have taken automation and operation to the next level with the new Unique Control – an innovative automation unit with a built in valve actuator, now available as an option for Alfa Laval butterfly valves.

Welcome to simplicity:

- One actuator size covers every valve in the range; set it yourself on site to normally open or closed
- Simplified ordering, stock keeping and system design
- Easy installation and self-configuration
- Hygienic design

Easy setup

Flow automation and control has never been easier, with one-button Push n’ Play self-configuration getting you up and running in a fifth of the time.

Air spring principle

A unique air spring design has replaced the traditional mechanical actuator spring. This delivers outstanding reliability and durability. Unique Control is tested for over one million strokes, making it possibly the most durable actuator on the market.

The new mechanism also gives a flexible unit that can easily be changed from normally open to normally closed.



Hygienic design

Unique Control is designed to handle all applications. The all-in-one design offers outstanding hygiene, in addition to unmatched reliability and robustness. The hygienic composite casing withstands harsh environments without weakening, corroding or discolouring. Unique Control is not sensitive to pressure shocks or temperature variations, eliminating false alarms that can shut down the process.

Superior system control

The control unit’s precise surveillance capabilities ensure a smooth operation with good process economy, eliminating costly process interruptions due to unreliable alarms. It works with a digital or an AS interface.



Unique Control masters its environment, detecting the valve type and monitoring air pressure in the system. It will sense any gradual drop in pressure and send a warning signal. That means the process can continue running, or carry out a controlled action.

Migration path

It is easy to move up to Unique Control. Existing actuators can be upgraded gradually as they become due for renewal, simultaneously adding the benefits of intelligent automation. Unique Control fits all manual and actuated LKB butterfly valves.



Scan the code to learn more about the Unique Control for LKB butterfly valves.

Unique Control LKB for butterfly valves highlights

- Compact, hygienic one-piece design
- Integrated automation with 360° visible indication
- Simple to order, one size fits all, normally open/normally closed in one
- Reduced stock keeping needs
- One-button Push n' Play self-configuration
- Tested for over one million strokes
- Low air pressure requirement
- Digital or AS interface
- Maintenance free but serviceable
- Air surveillance
- Gore vent ensures watertight and condensation-free operation
- Fits all Alfa Laval LKB butterfly valves

Selection of Alfa Laval valves and automation, complete range online

Mixproof valves



Unique UltraClean Mixproof valve
Unique Mixproof tank valve
Unique Mixproof horizontal tank valve



SMP-BC

Single-seat valves



Unique SSV valve (standard configuration)
Unique SSV aseptic valve
Unique SSV ATEX
Unique SSV tank outlet valve
Unique SSSV small single-seat valve

Butterfly valves



LKB with standard handle
LKB-F for flange connections
CBFV clamp butterfly valve

Ball valves



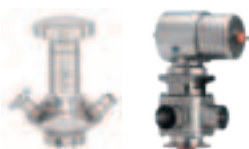
SBV sanitary ball valve

Regulating valves



CPM-2 valve
LKC-2 non-return valve
Unique RV-ST
SPC-2 valve

Special valves

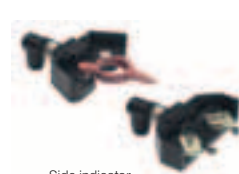


Unique sampling valve
MH shutter valve

Automation and monitoring



ThinkTop®
ThinkTop Basic



Side indicator



Brackets and sensors

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, foodstuffs, starch and pharmaceuticals.

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

How to contact Alfa Laval

Contact details for all countries are continually updated on our web site. Please visit www.alfalaval.com to access the information.

