





# Supply House to the Processing Industries Since 1964

**Trusted supply house of sanitary processing equipment, parts and supplies for the dairy and food, brewery, beverage and pharmaceutical industries.**

Harco Enterprises offers a diverse line of sanitary and hygienic processing equipment, parts and supplies including pumps, sanitary valves, separators, homogenizers, gaskets and fittings, sanitary hoses, and instrumentation as well as a variety of other products from world leading manufacturers such as Alfa Laval, Ampco, Tetra Pak, Burkert, Tri-Clover, Remco, Vikan, Carlisle, Haynes, Strahman, and more.

These products are distributed to dairy, food, beverage processing facilities as well as the pharmaceutical, brewing, and fisheries industries throughout North America.

Many of our products are customized in design due to strict sanitary and hygienic standards, and all are built to stand up to the demands of high production environments. Resourcefulness and quick delivery are important to you, and Harco always provides both.

Check out our large collection of equipment, parts and supplies, including our line of color-coded products available.

**Visit our website today at [www.harcosupply.com](http://www.harcosupply.com)**

## SANITARY VALVES

Harco supplies sanitary valves to the dairy, food, and pharmaceutical industries, from trusted brands like **Alfa Laval, Burkert, Dixon, and Cipriani Harrison**. Our valves deliver safety, efficiency, and hygiene while adapting to evolving process needs with low ownership costs. We also supply parts for discontinued valves like the Alfa Laval SRC, De Laval, G&H, and Crepaco.

**Butterfly (pg. 4)** Butterfly valves are a on/off routing valve, with a substantial opening area and low flow resistance.

**Check Valves (pg. 5)** Check valves ensure one-way flow, preserving product integrity and preventing backflow.

**Mixproof (pg. 6)** Mixproof valves allow two products or fluids through one valve without cross-contamination.

**Single Seat (pg. 7)** Single seat valves for hygienic processes, available in on-off, changeover, and 10 other configurations.

**Flo-Divert (pg. 8)** Flo-Diversion Valves ensure precise, reliable flow control in HTST processing systems.

**Angle Seat (pg. 9)** Angle seat valves offer low pressure loss, high flow, and easy plant integration for optimal performance.

**Globe-Seat (pg. 10)** Globe seat valves with exchangeable seat offer a precise fit for demanding control applications.

**Regulating (pg. 11)** Regulating valves adjust or monitor flow and direction—ideal for precise control of flow rate or pressure.

**Control Tops (pg. 11)** Automation systems provide reliable flow monitoring and control with easy setup and operation.

**Ball (pg. 12)** Sanitary ball valves (manual and pneumatic) are ideal for handling viscous or particulate liquids.

**Plug Valves (pg. 13)** Stainless-steel plug valves for easy operation and minimal pressure drop in sanitary use.

**Sampling (pg. 14)** Sampling valves allow for representative samples of food, beverage, personal care and biopharm products.

**Shutter Valves (pg. 14)** Shutter valves are a manual or pneumatic valve designed for sanitary applications.

**Vacuum Breakers/Relief Valves (pg. 15)** Relief valves ensure single-direction product flow through process lines.

**Diaphragm Valves (pg. 16)** Diaphragm valves (control, on/off and hygienic) for sterile and ultra-hygienic processes.

## BUTTERFLY VALVES

### Alfa Laval LKB Valves

Alfa Laval's butterfly valve is a straightforward on/off routing valve, with a substantial opening area and low flow resistance. Where hygiene standards are important, this valve is ideal to use with low- and medium-viscosity liquids.

The butterfly valve range has modular units designed to meet the full spectrum of requirements at working pressures, from full vacuum to 10 bar. All valves are FDA-compliant, designed to use in a range of stainless steel pipe systems, and can be built to comply with virtually any installation standard.

This valve can be complemented with a lockable handle for manual operation with an actuator, combined with either a valve indication unit or Alfa Laval ThinkTop valve sensing and control units.

For manual operation, Alfa Laval provides a selection of handles, including a multi-position lockable handle.

For automated operations, different actuators are available; the special double-spring design enables application of maximum torque to the valve disc at breakaway and seal positions. This makes it easy to integrate these valve units into larger systems operated from a central point, and/or to operate them automatically for maximum efficiency. Alfa Laval LKB parts are available.



Visit our web site at <https://www.harcosupply.com/valves/butterfly/>

### Alfa Laval Leakage Detection Butterfly Valves

#### Protect Your Product. Maximize Efficiency.

Ensure product integrity and prevent cross-contamination with the Alfa Laval Leakage Detection Butterfly Valve. Perfect for dairy, food, beverage, and personal care industries, this hygienic valve provides mixproof separation to safeguard your processes, all while cutting energy and maintenance costs.

#### Key Features:

- Prevents Cross-Contamination – Protect your product from unwanted mixing
- Hygienic Design – Fully CIP-able, ensuring maximum uptime and hygiene.
- Cost Efficiency – Reduced energy consumption, lower maintenance, and operating costs.
- Smart Monitoring – Integrated Alfa Laval ThinkTop control for real-time diagnostics and performance.

#### Benefits:

- Boosts reliability and safety
- Maximizes productivity with minimal downtime
- Withstands the toughest processing conditions

Elevate your process performance—Choose the Alfa Laval Leakage Detection Butterfly Valve for precise, efficient control in the most demanding hygienic applications.



Visit <https://www.harcosupply.com/valves/butterfly/alfa-laval-leakage-detection-butterfly-valves/>



## CHECK VALVES

### LKC Check Valves

#### LKC 2 Check Valve

Specially designed for use in stainless steel pipe installations, Alfa Laval's LKC-2 non-return valve ensures the single directional product flow through process lines. This provides protection for process equipment that can be affected by reverse flow and prevents pressure surges and/or system shutdown. Widely used in various processes throughout the sanitary industry, these standard non-return valves are safe and highly reliable.



LKC 2  
Check  
Valve

#### LKC UltraPure Check Valve

Designed to meet the specific demands and strict standards of the biotech, pharmaceutical and personal care industries, the LKC UltraPure non-return valve provides safe, easy installation and high, consistent quality.



LKC UltraPure  
Check Valve

**Alfa Laval LKC & LKC UltraPure parts are available.**



Visit our web site at <https://www.harcosupply.com/valves/check-valves/>

### Alfa Laval 45BYMP Y Body Check Valves

Alfa Laval's 45BYMP Y Body Check valve is designed to enable the product to pass through the valve with no restrictions with a minimal pressure drop while preventing reverse product flow in hygienic stainless steel pipe installations. Capable of being installed in either a vertical or horizontal position, the valve features a seat and stem angled at approximately 45° to the pipe axis.

Durable and long-lasting, the valve operates at a wide range of pressures and flow rates. Because the sealing check ball moves completely out of the process flow when open, the valve offers low pressure drop and easily handles viscous products or liquids containing solid particles.



The Alfa Laval 45BYMP Y Body Check Valve is widely used across the dairy, food, beverage, home-personal care and chemical industries.

Alfa Laval's 45BYMP Y Body Check Valves consist of a single-piece, stainless steel body with an elastomeric ball, available in Buna, SFY and Nylon. The "Y" branch of the valve maintains a Tri-Clamp® connection along with an associated Tri-Clamp, end-cap, and gasket. The valve is polished internally and externally and is authorized to carry the 3A symbol.

These 45BYMP Y Body Check Valves from Alfa Laval are available both weld and tri-clamp connections and in 1.5"-3" connections.

#### Materials

- Product wetted steel parts: Stainless steel AISI 316L
- Other steel parts: Stainless steel AISI 304
- Ball Materials: Buna, SFY, Nylon (max. 140°F)
- Finish: 32 Ra standard

Visit <https://www.harcosupply.com/valves/check-valves/45bypm-y-body-check-valve/>

## Alfa Laval Air Blow Check Valves

Harco offers Alfa Laval's 62-174/326 Tri-Clover® brand Air Blow Check Valves, designed to evacuate lines of product or CIP media, or for air agitation of product in tanks and other vessels across the dairy, food, beverage, home-personal care and chemical industries.

The Alfa Laval 62-174/326 Air Blow Check Valve consists of a valve body, gasket, adapter, plug assembly, return spring, stem guide, filter disc, perforated disc and buna gasket, washer and clamp.

The valve easily installs in any horizontal or vertical position on tanks or other vessels for product agitation using a Tri-Clamp, a gasket, and a mounting ferrule. No other fittings are required.



### Standard Design

- Fail Safe Operation – backflow of product or CIP solution prevented by simple air to open, spring to close operation.
- Easy Assembly/Disassembly – Tri-Clamp® connections permit quick disassembly and assembly for replacing Filter Media, cleaning or inspection.
- Remotely Controlled – can be remotely controlled by controlling the supply of air to the valve.
- Rugged Construction – type 316 stainless steel is standard. Spherical plug assembly is bonded EPDM rubber.
- Conforms to 3A Accepted Practices – for applications requiring a final filtering of air prior to entering tank or pipelines.

Visit <https://www.harcosupply.com/valves/check-valves/alfa-laval-air-blow-check-valve/>

## MIXPROOF VALVES

### Mixproof Valves

**Alfa Laval's Unique Mixproof valve** enables simultaneous flow of two products or fluids through the same valve, without risk of cross-contamination. Its state-of-the-art double-seat design provides long-lasting, spill-free operation thus minimizing the risk of product contamination. The use of double-lip seals provides added protection to ensure a safe and hygienic operation.

The Unique Mixproof valve is a normally closed valve that is controlled from a remote location by means of compressed air. To separate the two liquids, the valve has two independent plug seals. The space between the two seals forms an atmospheric leakage chamber. In the rare case of accidental product leakage, the product flows into the leakage chamber and is discharged through the leakage outlet.

When the valve is open, the leakage chamber is closed. The product can then flow from one line to the other without spilling. The valve can easily be cleaned and protected against the effects of water hammer, according to the specific requirements of the process and the configuration of the valve. There is no product spill during valve operation. Alfa Laval Mixproof parts are available.



Visit our web site at <https://www.harcosupply.com/valves/mixproof/>

## SINGLE SEAT VALVES

### Unique Single Seat Valves

The Alfa Laval unique single seat valve (SSV) is a robust, reliable and versatile pneumatic valve designed for uninterrupted production in a broad range of hygiene-critical applications.

The unique SSV is an air-operated seat valve, that can be remotely controlled. It can be configured as a shut-off or change-over valve with various actuators NO, NC or two-step for smoother operation to avoid pressure peaks and/or over filling of a tank.

Valve bodies, plugs and actuators of these control valves can be configured to meet virtually any requirement, resulting in cost-effective solutions that meet high standards of hygiene and aseptic compatibility.

The unique SSV range of food grade valve is engineered to provide excellent hygiene and cleanability. With a surface finish of  $Ra \leq 0.8\mu m$ , the smooth, weld-free valve body eliminates crevices that can trap bacteria. The design of the plug supports enhanced cleaning-in-place (CIP) capabilities, and a double-acting lip seal that minimizes any risk of cross-contamination.

Thanks to its straightforward, reliable design, the unique SSV range provides a long service life, reduced product loss, greater product safety and more processing uptime. Alfa Laval unique SSV parts are available.



Visit our web site at <https://www.harcosupply.com/valves/single-seat/unique-ssv/>

### Unique SSV Pressure Relief Valves

#### Compact. Configurable. Reliable Pressure Control.

Protect your hygienic processing lines with the Alfa Laval Unique SSV Pressure Relief Valve. Engineered to prevent overpressure, this modular valve provides precise pressure control and ensures safe, efficient operation—even in dynamic environments. Ideal for dairy, food, beverage, and personal care industries, it integrates with Alfa Laval ThinkTop® for real-time monitoring, early issue detection, and enhanced process control.

#### Benefits:

- Reliable overpressure protection
- Easy on-site adjustments for precise control
- CIP-ready at any setting
- Smart monitoring with optional ThinkTop® technology
- Compliant with hygienic and aseptic standards
- Streamlined maintenance with interchangeable parts



**Maximize uptime, ensure safety, and safeguard your process with the Alfa Laval Unique SSV Pressure Relief Valve.**

Visit <https://www.harcosupply.com/valves/single-seat/alfa-laval-unique-ssv-pressure-relief-valves/>

## Tri-Clover® 700 Series Valves

The Alfa Laval Tri-Clover 700 Series is a range of air-operated single-seat valves that provide years of reliable performance, and have been installed for decades in various food, dairy and beverage plants across the U.S.

700 Series valves can be configured with either a short- or long-stroke actuator. The 761 valve has a flexible sanitary design, allowing it to be used in a wide range of applications, as a stop valve with two or three ports or as divert valve with three to five ports.

The valves feature a durable and dependable design with rugged plastic stem bushings, which eliminate metal-to-metal galling. In addition, the stem is threaded to the actuator shaft, eliminating the coupling between the stem and actuator, thereby ensuring proper alignment. Bushings at each end of the cylinder support stem also ensure perfect alignment. Finally, each valve features a heavy-duty bonnet and body ferrule design that will stand up to years of pounding from hydraulic shock.

Tri-Clover 700 Series valves are available in both long and short actuators, including a wide selection of shut-off and divert valves. Sizes range from 2" (50 mm) to 4" (102 mm), in normally opened or closed positions. Alfa Laval Tri-Clover 700 Series parts are also available.



Tri-Clover Inc.

Visit our web site at <https://www.harcosupply.com/valves/single-seat/tri-clover-700-series/>

## FLO-DIVERT VALVES

### Alfa Laval Unique SSV Flo-Diversion Valves

The Alfa Laval Unique SSV Flo-Diversion Valves are designed for high-temperature short-time (HTST) systems in the dairy, beverage, and food industries. These valves prioritize product integrity and are available in two variants: the standard closing with the flow and the innovative Reverse-Acting valve closing against the flow, preventing hydraulic shock.

Crafted with durability in mind, the valves feature 316L stainless steel for product-wetted parts, meeting FDA and 3A compliance standards. Alfa Laval's Flo-Diversion Valves adhere to PMO and 3A requirements, ensuring hygiene and safety in regulated industries.

The valves, available in 1.5" to 4" tube OD sizes, leverage the design advantages of Alfa Laval's SSV series. Maintenance is streamlined with fully maintainable actuators, and the ThinkTop V50® Digital 24 VDC control top offers precise sensor accuracy. Quick air exhausts ensure swift actuation, and ThinkTops have an IP67 (Nema 4x) protection rating for robust performance.

Alfa Laval Unique SSV Flo-Diversion Valves from Harco are the pinnacle of reliability, precision, and compliance, enhancing fluid control in your processes. Elevate your operations with valves designed to meet and exceed industry standards, ensuring the integrity and safety of your products.



Visit <https://www.harcosupply.com/valves/single-seat/unique-ssv/>



## Tri-Clover® 762 Flo-Diversion Valves

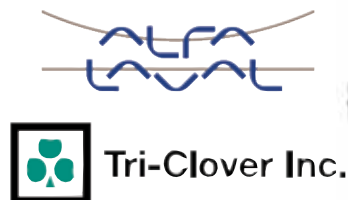
The Alfa Laval Tri Clover 762 Flo-Diversion Valves are engineered for precision and reliability in HTST systems within the dairy, beverage, and food industries.

The standard and Reverse-Acting variants, crafted with a rugged design, excel in applications where product integrity is crucial. With a patented design to prevent hydraulic shock, these valves feature premium construction using 316L stainless steel and FDA-compliant materials.

The Alfa Laval Tri Clover 762-227 Flo-Diversion Valve, an extension of the 761 Series, offers user-friendly features, compliance with sanitary standards, and versatile installation options. Benefit from smart control solutions with a NEMA 4 microswitch control housing and solenoid options for seamless integration.

Alfa Laval Tri-Clover 762 Series parts are also available. Trust Harco for unparalleled excellence in your process lines.

Visit <https://www.harcosupply.com/valves/single-seat/tri-clover-700-series/>



## ANGLE SEAT VALVES

### Bürkert Type 2000 - Classic Angle Seat Valves

#### Pneumatically operated 2/2-way angle seat valves

The externally piloted angle seat valve is operated with a single or double-acting piston actuator. The actuator is available in two different materials, depending on the ambient temperature. High flow rates are attained with the virtually straight flow path. The reliable self-adjusting packing gland provides high sealing integrity. These maintenance-free and robust valves can be retrofitted with a comprehensive range of accessories for position indication, stroke limitation or manual override.

- Stainless steel or gunmetal housing with threaded, clamped or welded connection
- Long service life
- High flow rate
- Robust actuators with modular accessory program



Visit <https://www.harcosupply.com/valves/angle-seat-valves/burkert-type-2000-classic-angle-seat-valves/>

## Bürkert Type 2100 Angle Seat Valves

### Pneumatically operated 2/2 way angle seat valve element for decentralized automation

The Type 2100 angle seat valve is specially optimised for decentralized process automation and fulfils the tough criteria in process environments. Its unique design allows easy the integration of automation units in all expansion stages, from electrical/optical position feedback to pneumatic control and integrated fieldbus interface. Maximum service life and tightness are achieved by the proven self-adjusting v-seal packing gland. The highly integrated system of valve and automation unit is characterised by its compact and smooth design, integrated pilot air ducts, protection classes IP65/67, NEMA Type 4X and high resistance to chemicals.

- High flow rates
- Long service life
- Suitable for steam
- Easy integration of automation units with ELEMENT
- Flow-optimised stainless steel valve body with sleeve, clamp or weld connection

**bürkert**  
FLUID CONTROL SYSTEMS



Visit <https://www.harcosupply.com/valves/angle-seat-valves/burkert-type-2100-angle-seat-valves/>

## GLOBE SEAT VALVES

## Bürkert Type 2301 Globe-Seat Valves

### Pneumatically operated 2-way Globe Control Valve

Bürkert's Type 2301 globe-seat valve is engineered for demanding process environments, offering exceptional cycle life and sealing integrity via a self-adjusting spindle packing with exchangeable V-seals. Each valve body fits up to five trim set sizes, with parabolic trims ensuring reliable, repeatable flow control. Control cones come in stainless steel or with PTFE or PEEK seals for tight shut-off (leakage classes III, IV, or VI). The design supports easy integration of automation modules—digital electropneumatic positioners or process controllers. Compact and smooth, the system features integrated pneumatic lines, IP65/67 protection, and excellent chemical resistance.

- Excellent control characteristics
- High cycle life and maintenance-free operation
- Flow optimised body in stainless steel
- Several Kvs value per port size due to removable valve seats
- Control units can be mounted directly without external tubing



**bürkert**  
FLUID CONTROL SYSTEMS

Visit our web site at <https://www.harcosupply.com/valves/globe-seat-valves/>

## REGULATING VALVES

### CPM Valves

Alfa Laval's Constant Pressure Modulating (CPM) valve is a pneumatic regulating valve that maintains a constant inlet or outlet pressure in hygienic process lines. Thanks to a quick response diaphragm, these compact valves immediately react to any change in product pressure, adjusting position to keep the pressure at pre-set values.

A CPM valve features a self-draining design and crevice-free, bowl-shaped valve body with welded valve seat to enable thorough cleaning, thus eliminating potential entrapment areas. The unique diaphragm with PTFE on the lower diaphragm also contributes to excellent cleanability.

Designed to maintain a constant pressure at the valve inlet or outlet, using different plug sizes and different Kv values.

The diaphragm in the valve enables it, under aseptic conditions, to react effectively to any changes in product pressure by shifting position against a constant air pressure. Alfa Laval CPM parts are also available.

Visit our web site at <https://www.harcosupply.com/valves/regulating/cpm/>



## CONTROL TOPS

### V20/V50/V70 ThinkTops

The compact **Alfa Laval ThinkTop V50 and V70 valve control units** are the second-generation of the leading sensing and control units for hygienic valves. It ensures unmatched control of all Alfa Laval valves used in the dairy, food, beverage, brewery and pharmaceutical industries.

The ThinkTop V50 and V70 valve control units offer a single-sensor solution for butterfly, single-seat and mixproof valves; a single control unit can be fitted with up to three solenoid valves. ThinkTop converts the electrical PLC output signals into mechanical energy to energize or de-energize the air-operated valve, using the physical sensor target mounted on the valve stem.

Boost process productivity and secure product traceability with the **Alfa Laval ThinkTop V20 valve indication unit**. Reliable and cost-effective, it provides intuitive sensing of the hygienic valve status and position in real time. Easy to install on Alfa Laval valves with standard mushroom connections, the valve sensor is suitable for hygienic applications across the dairy, food, beverage, home and personal care, biotechnology, pharmaceutical and many other industries.

*Also available is the ThinkTop and ThinkTop Basic combine Alfa Laval's quality with standard functionality for automated sensing and control of sanitary valves.*

Visit our web site at <https://www.harcosupply.com/valves/control-tops/>



## Burkert 8681 Control Head

A Burkert Control Top is an excellent alternative which fits many valve designs. With the control head 8681, its status display is bright and its talent shines through in its central role in decentralized automation.

Universally adaptable, combining with all valve forms, it takes on the complete pneumatic control, feedback and diagnostic and even bus communication. Since it's made of chemically stable materials, has a high IP protection and is easy to clean, the 8681 is perfectly suited for hygienic applications.

### Features:

- Universal attachment for hygienic process valves
- Contactless position measurement system with 3 switching points (teach-In function)
- Coloured status display
- Manual override to be used with closed housing
- Communication interfaces AS-Interface and DeviceNet



Visit our web site at <https://www.harcosupply.com/valves/automation/burkert-control-tops/>

## BALL VALVES

### Alfa Laval Sanitary Ball Valves

Alfa Laval's Sanitary Ball Valves (SBVs) are full-bore flow valves that provide on/off control with minimal pressure drop. The valve opening has a constant pipeline diameter, which enables fluids to flow freely through the valves when open. Flow restriction is comparable to that of a straight tube.

This makes the SBVs suitable for handling fluids that are viscous or contain solid, semi-solid or abrasive particles, for pigging of process lines is a major consideration, applications that require gentle product treatment and Clean-in-Place applications.

Easy to build into most process lines, Alfa Laval SBVs feature a straightforward floating ball design, which guarantees a tight seal and permits axial movement while preventing rotation. They are water hammer-safe and completely insensitive to pressure shocks in the pipelines.

Spring-loaded, self-adjusting seal rings provide highly reliable valve stem sealing. Alfa Laval Sanitary Ball Valves with automated control have inspection holes in the bonnet for easy inspection of the stem seal. Alfa Laval SBV parts are also available.



Tri-Clover Inc.



Visit our web site at <https://www.harcosupply.com/valves/ball-valves/alfa-laval-ball-valves/>

## Dixon Sanitary Ball Valves

Harco offers a full line of Dixon sanitary and non-sanitary 2- and 3-way ball valves with a manual handle or air actuation.

A number of sizes and connection types are available.

**Applications:** Isolation, Diversion, Control, Material, CF8M

### Features:

- 5 encapsulated seat materials available
- ISO 5211 mounting pad standard
- Optional 2-way V-port seat
- Various actuation and control packages

**Sizes:** 1/2" to 4"



**2-Way 3 Piece Encapsulated Ball Valves - BV2CV-200CC-A**



**3-way Multi-port Sanitary Stainless Steel Ball Valve - BV3SVLF150C-A**



**Pneumatically Actuated 3-Piece Sanitary Stainless Ball Valve - BV2CV-200CC-BBC**

Visit our web site at <https://www.harcosupply.com/valves/ball-valves/dixon-ball-valves/>

## PLUG VALVES

### Alfa Laval and Cipriani Harrison Plug Valves

Harco Enterprises is a supplier of **Alfa Laval and Cipriani Harrison Sanitary Plug Valves**, crucial components in industries like food, dairy, beverage, pharmaceutical, and brewery. These highly reliable stainless-steel plug valves are designed for quick and easy operation where a sanitary closing device with minimum pressure drop is required.

When choosing valves for specific applications, factors like product type, flow rates, operating pressure, and other specifications must be considered.

Harco Enterprises provides expert guidance in selecting the right valves for different applications in these industries.



**Cipriani Harrison 11 Series Plug Valves**



**Alfa Laval D10 and D11 Plug Valves**



Visit our web site at <https://www.harcosupply.com/valves/plug-valves/>



## SAMPLING VALVES

### Alfa Laval Sampling Valves

#### Unique Sampling Valves

With Alfa Laval's unique sampling valves, you can take representative samples in a variety of hygienic processes within processing industries. These reliable single and double-seat valves provide the high accuracy, exceptional reproducibility and excellent reliability required for high quality, cost-effective sampling.

#### A30 Sampling Valve

The A30S sampling valve is available with a tri-clamp or plain bevel seat connection, designed to connect directly to a port in the side of a tank. The sample is taken with a simple press of the spring return manual actuator.

#### Keofitt Sampling Valve

The Keofitt sampling valve is designed for steam sterilization before and after each sampling. The valve consists of three parts, a valve body, a valve head and a membrane. The rubber membrane is placed on the stem of the valve head and works as a stretchable plug. The valve bodies and valve heads are interchangeable.

Visit our web site at <https://www.harcosupply.com/valves/sampling-valves/>



## SHUTTER VALVES

### Alfa Laval Shutter Valve (Koltek)

The Koltek valve is a manually or pneumatically operated valve, designed for use in the food, chemical, pharmaceutical and other industries where valves of sanitary design are needed.

A PTFE shutter is operated by means of a handle or an actuator. A spring system presses the shutter against the inside cylindrical surface of the valve body, thus ensuring complete tightness.

The air actuated valve can be fitted with ThinkTop® or a laterally-fitted indication unit for remote indication of the valve position. The manually-operated valve can be fitted with laterally indication units (used for LKLA actuators). The actuator for the valve comes in two versions: single acting or double acting.

The single acting actuator operates with one main piston, whereas the double acting actuator operates with two main pistons. Koltek parts are available.



Visit our web site at <https://www.harcosupply.com/valves/shutter-valves/>

## VACUUM BREAKERS/RELIEF VALVES

### Alfa Laval's Vacuum Breakers/Air Relief Valves

#### Alfa Laval Unique 7000 Relief Valves

The Unique 7000 vacuum breaker from Alfa Laval provides relief from vacuum in process lines, along with the latest in sanitary design and cleanability. This air operated vacuum breaker is used to eliminate vacuum on the downstream side of the pasteurizer in an HTST system or other situations where a vacuum can occur in a process line.

#### B44MP Vacuum Breaker

The B44MP vacuum breaker is available in 1½" and 2" tri-clamp connection. It uses a teflon plug and o-ring design. Positive pressure keeps the o-ring sealed against the base. During vacuum, the plug and o-ring drop down allowing air into the system. The standard o-ring is Buna, but can be changed to other elastomers.

#### LKUV-2 Air Relief Valve

The LKUV-2 air relief valve is designed for use when air removal from a process line without product loss is a primary concern. These provide solid safety, efficiency and low cost of ownership for processing where hygiene standards are essential.

The LKUV-2 air-relief valve is an automatic double-seat valve engineered to relieve excess air in industrial processing lines. Vertically installed, this valve is ideal for use on the top of a pipeline, container, or before a pump inlet.



Visit our web site at <https://www.harcosupply.com/valves/vacuum-breakers-relief-valves/>

### Dixon TVSEC-Series Air and Vacuum Relief Tank Vent Valves

Introducing the Dixon TVSEC-Series Air and Vacuum Relief Tank Vent Valves, your solution for maintaining ideal tank pressure and safeguarding content integrity.

#### Dixon TVSEC-Series Stainless Steel Air & Vacuum Relief Tank Vent Valve Features:

Triple Action Functionality: Pressure Relief during filling. Vacuum Relief when emptying. Sealing under equal pressure.

- Stainless Steel Screen to block contaminants.
- 0.25" FNPT Gas Inlet Port for added control.

Available in 2", 3", and 4" sizes with standard clamp connection, it boasts precise specifications, including:

- Vacuum Break: 2" water column (0.1 PSI).
- Pressure Relief: 22" water column (0.8 PSI).
- Max Fill and Evacuation Rate: 250 GPM.
- Operating Temperature Range: 40°F (4.4°C) to 120°F (49°C).

Constructed from 304 Stainless Steel and EPDM seals, this valve ensures quality.

Visit <https://www.harcosupply.com/valves/vacuum-breakers-relief-valves/dixon-tvsec-series-vacuum-relief-valve/>



## Diaphragm Valves

### Alfa Laval Unique DV-ST UltraPure Diaphragm Valves

The Alfa Laval Unique Diaphragm Valve UltraPure meets the requirements of most sterile and ultra-hygienic processes. With a fully modular design and enhanced compatibility, Alfa Laval's DV-ST UltraPure diaphragm valves offer solutions for all hygienic industries. Their customizability allows you to create a complete valve system to meet virtually any demand in the pharmaceutical and biotech industry.

The Alfa Laval Unique DV-ST UltraPure Diaphragm Valve has two modes of operation: manual operation by means of a handle and pneumatic operation by means of a pneumatic actuator. For manual operation, a simple turn of the handle lifts the compressor upwards, moving the diaphragm away from the weir of the valve body thereby opening the valve. Turning the handle in the opposite direction pushes the compressor downwards onto the diaphragm, pressing the diaphragm against the weir of the valve body, thereby closing the valve.

For pneumatic operation, the pneumatic actuator controls the axial movement of a piston, thereby opening or closing the valve depending on the actuator function.



Visit our web site at <https://www.harcosupply.com/valves/diaphragm-valves/alfa-laval-unique-dv-st-ultrapure/>

### Burkert Diaphragm Valves

Bürkert offers a broad range of diaphragm valve solutions (control, on/off and hygienic specialty valves) to fit your individual needs. Configure your valves from the very best ingredients of actuator, diaphragm and body from a single source with proven Bürkert quality. Choose the innovative Tube Valve Body for example and regain production time due to shorter heat-ups and cool-downs. You can combine it with your desired diaphragm and actuator.

All the materials used in making the Burkert diaphragms are traceable. This gives you the assurance that only the "best of ingredients" have been used for your diaphragm. In addition to this, you can choose from a wide variety of materials (and therefore diaphragm types), providing for maximum flexibility to suit your processing task. A number of diaphragms from our range are suitable for CIP (Cleaning-in-Place) and SIP (Sterilization in Place), and it goes without saying that they are internationally certified for use in hygienic processing.



**bürkert**  
FLUID CONTROL SYSTEMS

Visit our web site at <https://www.harcosupply.com/valves/diaphragm-valves/burkert-diaphragm/>

## OUR CAPABILITIES



**Harco is a Peterborough-based company that is a leader in the supply, design, fabrication and repairs of sanitary components and stainless steel equipment for the pharmaceutical, food, dairy, brewery, and beverage processing industries.**

We are proud to provide quality service and support to customers throughout North America since 1964. Offering high quality brands and materials, our custom work is of the highest quality and we ensure it is upheld from start to finish.

Harco offers a full range of sanitary stainless steel processing equipment, from pumps and valves, mixers and blenders to homogenizers and separators and custom fabrications. We back what we sell by offering extensive parts, repairs and customer support.

*We're committed to creating forward-thinking solutions that drive your bottom line and keep your business top of mind.*

**Visit our website for more information at  
<https://www.harcosupply.com/capabilities/>**







# Product Line Card

Supply House to the Processing Industries Since 1964

Harco partners with leading manufacturers in the industry to bring you an innovative range of sanitary and hygienic processing equipment and supplies. With experience in design, manufacturing and support, our partners are selected for their quality, reliability, and advanced products.

