

Valve
Actuation

Steam

Instruments

Hot Water

Industrial
PVF



YOUR MOST VALUABLE PARTNER

FOR SPIRAX SARCO ACCESSORIES

PipeValves

Since 1963

www.PipeValves.com
800.467.7122

Warning: Do not use this literature in place of reading, understanding, and following the manufacturer's spec sheets and operator's manual instructions which are available on their website.



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Steam Traps

Benefits & features:

Because liquid which backs up in the separator may be re-entrained in the gas flow, continuous drainage is important. The Spirax Sarco float drain trap is ideal for this system because it adjusts instantly and automatically to load and pressure variations. The continuous, modulated flow means that liquid never backs up ahead of the trap.

Information:

Many industrial applications require the drainage of a liquid from either its own vapor phase or some other gas. Spirax Sarco automatic float-operated liquid drain traps are ideally suited for this purpose. The traps can handle liquids with a specific gravity as low as 0.5, and they are available in a wide variety of sizes, end connections and construction materials.

- Stainless steel float automatically adjusts the valve opening to maintain a continuous liquid flow
- Stainless steel valve mechanism
- All internal parts can be serviced without disturbing the pipe connections



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High Purity Clean Steam Products

Benefits & features:

- The use of clean or pure steam reduces the risk of product or process contamination. The products are able to withstand the rigors of service demanded by clean steam and other aggressive process fluids, where contamination must be prevented and service life extended.

Information:

Spirax Sarco offers a range of filtered, clean and pure steam products for maintaining quality and purity of a clean steam system, such as:

- Sanitary Balanced Pressure Thermostatic Steam Traps
- Stainless Steel Clean Steam Traps
- SS Clean Steam Separator
- Sanitary Check Valve with Metal Seat
- Sanitary Check Valve with Soft Seat
- Sanitary Pressure Gauge
- SS Balanced Pressure Thermostatic Air Vent
- Stainless Steel Filters
- SS Sanitary Pressure Regulator SRV6



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Steam & Air Eliminator Vents

Benefits & features:

- Entrapped air in any water system is an enemy to thermal efficiency. It is particularly damaging in a chilled water system which does not have the natural deaeration process of hot water. Spirax Sarco float operated air and gas eliminators, when installed at points where gases collect, will quickly, efficiently, and economically purge the system.

Information:

An accumulation of air and other non-condensable gases in pressurized liquid lines can cause a number of problems:

- Automatic air vents.
- These gases can lead to corrosion, excessive noise, reduced heat transfer, and eventually can impede or stop the liquid flow.
- It can cause air locks which inhibit the filling of the system or the priming of pumps.
- It can seriously affect the accuracy of flow measurement meters and regulating valves.



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Washdown Unit

Benefits & features:

- For general cleaning and washdown applications the hosedown station is the perfect tool. Hot water is economically provided by mixing steam and cold water safely.

Information:

- This wall mounted unit provides instantaneous hot water economically and safely by blending steam and cold water to the required set temperatures - ideal for washing down walls, floors, and process equipment in the industries such as food and beverage, chemical, and pharmaceutical. Ideal for distribution centers to keep to stock.
- The stations dual output system allows steam and water pressure to operate without changing components. This improves efficiency and reduces risk.
- Product-line available in brass and stainless steel.



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Air Vents

Benefits & features:

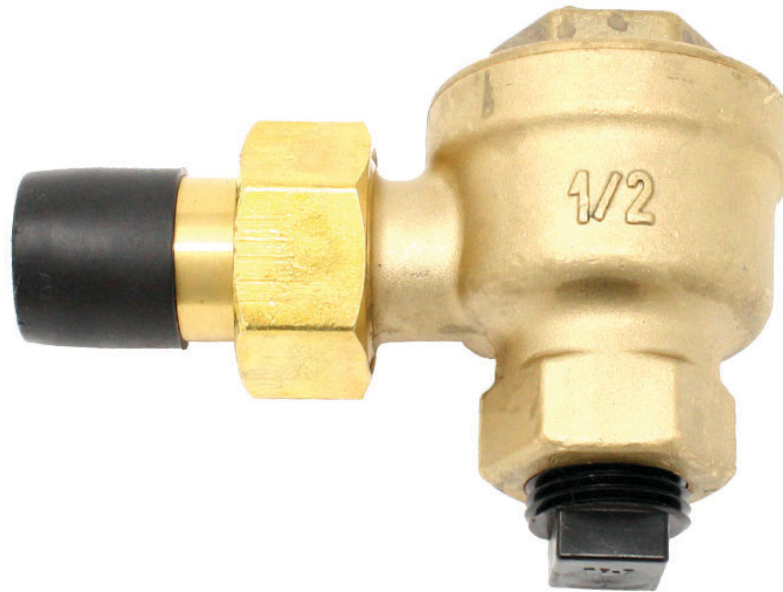
- The removal of air from a steam system is essential for efficient operation. Air can lower the steam temperature, insulate the heat transfer surfaces, and react to form extremely corrosive acids. Spirax Sarco Thermostatic Air Vents, when installed at points where air collects, will quickly, efficiently, and economically purge the steam system. They discharge air at full bore on startup and open during normal operation whenever air collects, regardless of the steam pressure.

Information:

Air vents to suit your application such as;

- Automatic air vents.
- Air vents for liquid systems.
- Thermostatic air vents for steam systems.
- Avoid leaving air in the system or wasting steam by venting air accurately.

Like direct acting pressure reducing valves, these valves are self-powered. Pilot operation provides accurate control under large load change conditions. Available in iron, cast steel and stainless steel, sizes 1/2" to 8".



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Radiator Valves

Spirax Sarco's range of brass radiator valves are suitable for isolation applications in steam and liquid systems. Various configurations are available including straightway, angle and offset angled.



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Check Valves

Benefits & features:

The DCV4 provides an effective maintenance free solution for the prevention of reverse flow in pipelines carrying most types of liquids, steam and gases. Designed to fit between two pipeline flanges, they provide a compact installation when compared size for size with conventional swing and lift type check valves.

Information:

Complete range of check valves available to suit any application:

- Effective minimal maintenance free solution.
- Preventing reverse flow in pipelines.
- Compact design.



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Injectors

Benefits & features:

- Spirax Sarco steam injectors are designed to inject steam into tanks of water or process fluids to ensure quiet and efficient heating of the tank contents. The injector draws in cold liquid, mixes it with the steam within the injector nozzle and distributes the hot liquid throughout the tank. In many applications the circulation induced by the injector is an advantage, ensuring thorough mixing and avoiding temperature stratification.

Information:

Steam injectors are used to inject live steam into feedtanks to drive off the dissolved oxygen.

- Considerably reducing the amount of oxygen scavenging chemicals required.
- Maintaining high and consistent feedwater temperature to the steam boiler.



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Separators

Benefits & features:

For efficient removal of moisture from steam and gas systems. The Spirax Sarco separators provides the total solution for all pipelines carrying steam, air or gas where water particles are in suspension.

Information:

Separators - designed to gather small water droplets from steam & separate them from the pipeflow.

- Reduce wet steam.
- Maintain heat transfer efficiency.
- Reduce erosion and corrosion in your steam system.
- Reduce pipework and heating surface scaling.



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Sight Glasses

Benefits & features:

- Sight glasses fitted in a fluid line provide a visual indication of the system condition. Potential problems such as blocked strainers and steam traps are all easily detectable, helping reduce inspection and maintenance time. Where reverse flow needs to be prevented, a sight check can be installed which combines a sight glass with a check valve.

Information:

Sight glasses allow quick and easy visual inspection throughout your system:

- Assess correct flow indication.
- Detect blocked flow.
- Identify any live steam or vapor leakage.
- Inspect color of product throughout process.



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Isolation Valves

Benefits & features:

- Manufactured to stringent specification providing reliable tight shut-off and less maintenance.












Information:

- Wide range of sizes, materials & body design option providing a suitable model for any application.
- Precision design providing compact valves.
- Quarter turn on/off ensuring easy operation & maintenance.
- ISO mounting models which are quick & easy to automate.
- Low torque valves with smaller actuators for automation.
- Unrestricted flow allowing low pressure drop & high capacity.
- Corrosion resistant bodies ensure long life of the product.



Valuable Services

Pipe Valves offers the quality products and the best services to improve your bottom-line performance.

-  Pipe Shop: We cut, bevel, groove, and thread
-  Energy audits, steam trap surveys, live steam lab demonstrations
-  Daily local truck routes, emergency delivery options
-  Phone, counter, email, fax and e-commerce ordering options
-  Express sales counter pickup and tool rental
-  Vendor Managed Inventory options customized to your needs
-  Product specialists and staff engineers assist with problem solving
-  Kitting Services - we can bag and tag to your specifications
-  Bin management, bar code scanning and labeling solutions available
-  PV University Classes, Where Seeing Is Believing: Actuation, Valves, Steam
-  24/7 emergency service available in many areas

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