

Pilot Safety Valve manufacturer in USA

SVR Global is the best [Pilot safety valve manufacturer in USA](#) offering high-quality valves to the petroleum, oil and gas, and chemical sectors in Phoenix, Sacramento, and New York. A particular kind of valve called a pilot safety valve is intended to stop system overpressure. A main valve plus a pilot valve make up most of them. The system is connected to the pilot valve, which measures pressure. It opens when the pressure reaches a specific fixed threshold, enabling the liquid or gas to pass through it and operating the main valve.

The main valve, which is often a bigger valve, is in charge of regulating how much fluid or gas flows through the system. The system may release pressure when the pilot valve opens, preventing an over pressurization. They are designed to provide reliable and accurate pressure control, and are often subject to strict regulatory requirements and testing procedures to ensure their proper operation.

INDUSTRIES

- Oil & Gas Industry
- Petrochemical Industry
- Energy Industry
- Chemical Industry
- Mining Industry
- Marine Industry
- Textile Industry

Applications

- Steam boilers: utilised to avoid overpressure that may be brought on by the accumulation of steam.
- Gas storage tanks: utilised to stop gas storage tanks from overpressurizing while storing propane or natural gas, for example.
- Industrial processes: employed in a range of industrial processes, including the production of chemicals, oil refining, and the production of electricity.
- Pilot safety valves are used in pressure vessels, such as pipeline pressure vessels, to avoid overpressurization.

ADVANTAGES

- Pilot safety valves offer precision pressure management, enabling them to maintain a predetermined pressure inside a system.
- Reliability: products with a low failure rate and a long service life are meant to be dependable.
- High flow rates: Because they can manage high flow rates, they may be used in big industrial systems.
- Versatility: a versatile safety solution that can be utilised in a variety of applications.

- **Regulatory compliance:** Since regulatory organisations frequently need it to guarantee the security of industrial systems, their use can assist companies in maintaining compliance with safety laws.
- **Fast response time:** Pilot safety valves are designed to respond quickly to changes in pressure, allowing them to prevent overpressure events before they can cause damage or safety hazards.
- **Low maintenance:** Pilot safety valves require minimal maintenance, reducing downtime and maintenance costs.
- **Cost-effective:** Pilot safety valves are cost-effective compared to other types of safety valves, making them a popular choice for industrial applications.

SVR Global, the [Pilot safety valve manufacturer in USA](#) provides valves with the following specification:

Body Material – Cast Iron and Steel (A216 WCB, WCC, LCB, LCC, WC6, WC9), Ductile Iron, Stainless Steel [SS316, SS304, SS316L, SS904L, CF8, CF8M, F304, F316, F31L, F51, F3, F55, F91] , WCB, WC6, SS304, SS316, DUPLEX STEEL.

Size: 1/2" to 24"

Ends: Socket weld butt weld, flanged, threaded

class:150-300 PN6to PN25

Visit our site for more information-

<https://www.svrglobal.net/products/pilot-safety-valve/>

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