



Check Valve Manufacturer in USA

SVR Global is a leading [Check valve manufacturer in USA](#). A check valve serves as a one-way barrier to stop pumped-up water from flowing back into the pipe. The check valve has two openings to preserve fluid flow. Check valves are necessary for both condensate and sump pumps to prevent backflow. The moveable component is forced back into a closed condition when fluid flows in the other direction, stopping the backflow of fluid. Gravity drives the water back into the reservoir without the check valve.

What is a check valve used for?

Check valves make ensuring that liquids or gases are flowing in the proper direction and seal tightly to stop leakage. Check valves prevent major damage to pumps and compressors by regulating the flow of liquids.

A check valve's primary purpose is to stop the flow from reversed, which can harm pumps and other devices. A possible water hammer occurs when a check valve closes and fluid in the system slams against the closed check valve. For a check valve to function in this way, it must be strong, long-lasting, and constructed of premium materials. Check valves require to have noise levels reduced because they can be noisy. Various types of controls are applied in order to do that. Springs, levers, or weights are built into the valve's construction to control surges and keep it from slamming shut.

SVR Global, the [Check valve manufacturer in USA](#) guaranteed free delivery in San Francisco, Chicago, and Boston. They offer a dependable and cost-efficient option for preventing backflow and keeping fluid flow systems secure and effective.

What are the types of Check valves?

- Dual Plate Check Valve
- Single Plate Check Valve
- Lift Check Valve
- Non Slam Swing Check Valve
- Pressure Seal Check Valve
- Tilting Disc Check Valve
- Swing Check Valve
- Forged Steel Check Valve

Industries:

- Fertilizer Industries
- Pulp and Paper industries
- Industrial Chemical Piping Industries
- Oil and gas industries
- Petrochemical industries
- Textile and Process Industries
- Thermal and Nuclear Power industries

Applications:

1. Check valves are used in gas pipelines to stop the harmful and equipment-damaging backflow of gases, such as natural gas or other gases.
2. In order to prevent the backflow of polluted water into the pure water supply, check valves are utilised in water treatment facilities.
3. To regulate fluid flow and stop backflow, check valves are utilised in medical equipment like infusion pumps and respirators.
4. Check valves are employed in fire protection systems to stop water or other firefighting materials from flowing backwards, which can reduce the system's efficacy.

Advantages:

- Low maintenance
- Cost-effective
- Energy efficient
- Reduced noise
- Space-saving
- Improved system efficiency
- Prevents water hammer
- Prevents backflow
- Easy installation

Description:

Body Material- Cast steel and cast iron (LF2, A216, WCB, WCC, LCB,LCC, WC6, WC9), Ductile Iron, Stainless Steel [SS316, SS304, SS316L,SS904L, CF8, CF8M, F304, F316, F31L, F91), Alloy20 , Hastelloy ALBR, DUPLEX AND Super duplex STEEL [F51, F53,F55] Forged Steel A105, A105N, F11, F22,F304, F316, F91] .

Size- ½” – 80”

Class-150 – 2500; PN10 – PN-450

Ends- butt weld, flanged, lug, wafer, threaded, socket weld

To know more about valves provided by SVR Global visit-
<https://www.svrglobal.net/product-category/check-valve/>

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