

Foot valve manufacturer in Brazil



South American Valve is a leading [Foot valve manufacturer in Brazil](#). A foot valve is a specific kind of check valve that is placed at the suction pipe input of a pump system. Its major function is to stop backflow, which keeps the pump's prime intact. Only clean fluid is allowed to enter the pump thanks to the strainer built into these valves. The main purpose of the foot valve is to maintain the pump's priming, which keeps it from losing suction and guarantees smooth, effective performance. Foot valves are vital parts of irrigation systems, water wells, and many industrial applications because they permit fluid to flow in one direction while obstructing reverse flow, which is crucial

for preserving the longevity and effectiveness of the pump system.

What is a foot valve used for?

A foot valve's primary function is to keep a pump primed by stopping fluid backflow, which keeps the pump full of liquid and ready to go. The foot valve, which is installed at the suction pipe's input, is essential for preserving steady flow and pressure since it permits fluid to enter the pump in one direction while preventing reverse flow. Furthermore, foot valves have strainers built in to remove impurities and debris, letting only clean fluid into the pump. Foot valves are crucial parts of irrigation systems, industrial applications, and water wells because they guard against damage and increase the pump's lifespan.

Why do you need a foot valve?

For pump systems to remain operationally efficient and to avoid damage, a foot valve is necessary. Its major objective is to keep the pump primed by preventing fluid backflow. The foot valve maintains the pump primed, removing the need for infrequent and time-consuming re-priming—especially in applications where continuous operation is essential.

Preventing backflow is one of the foot valve's other essential functions. The foot valve eliminates potential loss of prime by only allowing fluid to flow into the pump. This may happen if fluid were to flow back via the suction line when the pump is not operating or loses suction. This contributes to maintaining the system's pressure and ensuring a steady fluid flow.

South American Valve is a top [Foot valve manufacturer in Brazil](#). In addition to their role in maintaining pump prime and protecting the system, foot valves contribute to energy efficiency by ensuring a consistent and reliable flow of fluid.

Advantages:

- Foot valves are beneficial because they prevent damage to water pumps that can occur due to dry runs
- These valves are a necessary part of all water pumping systems.
- The foot valve solves this problem effectively.

Industries:

- Oil and Gas Industry
- Pipeline Industry
- Marine Industry
- Power Industry
- Nuclear Industry
- Mining Industry
- Chemical Industry
- Petrochemical Industry

Description:

Available Materials: SS304, SS316, Cast Iron and Ductile Iron, WCB

Class: 150 to 300

Nominal Pressure: PN10 to PN63

Size: 1/2" to 24"

Ends: Flanged, Threaded

Visit us to know more:

<https://www.southamericanvalve.com/product-category/foot-valve/>

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