

Ball Float Steam Trap Manufacturer in India



Speciality Valve extends as a premier [Ball Float Steam Trap Manufacturer in India](#), its supply to France, Australia, Mexico, and Turkey. The ball float steam trap, a sophisticated yet simple mechanical device, efficiently collects condensate in steam systems while preserving valuable steam.

What is a Ball Float Steam Trap?

A Ball Float Steam Trap is a type of steam trap used in industrial systems to efficiently remove condensate (water) while preventing the loss of live steam.

Operation:

Crafted with a hollow chamber housing a spherical metal ball, this device operates based on temperature and pressure within the chamber. As steam flows through, the ball rises, allowing steam to pass through. Condensate, denser than steam, accumulates at the trap's bottom. The rising liquid level displaces the ball, prompting it to fall and activate a valve, facilitating condensed water drainage while preventing steam loss.

Parts:

1. Body
2. Inlet and Outlet Connection
3. Float Ball
4. Valve Mechanism
5. Valve Seat

Advantages:

1. Reliable Operation
2. Continuous condensate discharge prevents accumulation in the steam system.
3. Efficient condensate removal with minimal steam loss.
4. Low Maintenance
5. Suitable for High-Pressure Systems
6. No External Energy Required
7. Wide Range of Applications
8. Long Service Life
9. Enhances safety by preventing steam escape, contributing to safer working conditions.

Industries:

1. Chemical Industry: Our Ball Float Steam Trap excel in efficiently handling condensate, ensuring optimal performance in chemical processing plants.
2. Petrochemical Industry: Contributing to operational reliability, our steam traps are vital in safeguarding equipment integrity in petrochemical manufacturing.
3. Textile Industry: Speciality Valve's Ball Float Steam Traps play a crucial role in maintaining steam system efficiency in textile processing and manufacturing.
4. Power Generation Industry: Ensuring continuous condensate discharge, our traps enhance steam system performance in various power generation facilities.
5. Paper and Pulp Industry: Offering reliable condensate removal, our steam traps contribute to smooth operations in paper and pulp manufacturing processes.

6. Oil and Gas Industry: Supporting safety and efficiency, our Ball Float Steam Traps find applications in oil and gas facilities for optimal fluid control.
7. Automotive Industry: Speciality Valve's steam traps are integral to maintaining steam system efficiency in diverse automotive manufacturing processes.
8. Metal Manufacturing Industry: Contributing to low maintenance and prolonged service life, our traps enhance fluid control in metal manufacturing operations.

Description:

1. Body Material: Carbon steel, cast steel (WCB, WCC, LCC, WC6, LCB, WC9), stainless steel (SS316, SS304, CF8), ductile iron.
2. Class: 150 to 2500.
3. Size: $\frac{3}{4}$ " – 4".
4. Ends: Socket weld, butt weld, flanged, threaded.

Explore our offerings at: <https://www.specialityvalve.com/product-category/ball-float-steam-trap/>

Address- Haware Infotech Park 1008, 10th Floor, Sector 30A, Vashi, Navi Mumbai, Maharashtra – 400703