

Thermal Safety Valve Manufacturer in India



Specialityvalve is the best [Thermal Safety Valve Manufacturer in India](#). We supply to Andhra Pradesh, Rajasthan and Haryana. A thermal safety valve is used to prevent excessive pressure in a closed system caused by the heat expansion of a liquid. When a liquid is heated, it expands, however not as much as a gas. Even if the temperature rises, the change in the liquid is not significant.

It is made to safeguard the pump and the operator when the pump is working and the discharge outlets are closed. In this case, the pump detects energy, which is turned into heat, causing the pump water to heat up. Specialityvalve is a reputed [Thermal Safety Valve Manufacturer in India](#). These valves are commonly used in various applications, including steam boilers, pressure vessels, and HVAC systems, to maintain the desired temperature and pressure levels within safe limits. They are responsible for maintaining the security and quality of high-temperature systems, ensuring that they operate reliably and avoid serious damage due to overheating.

Parts:

- Valve Body
- Spring-loaded Mechanism
- Temperature Sensing Element

- Valve Seat
- Valve Disk or Plug
- Adjustment Mechanism
- Inlet and Outlet Ports

Advantages:

- Overheat Protection
- Equipment and System Safety
- Reduced Risk of Explosions
- Environmental Protection
- Compliance with Regulations
- Equipment Longevity
- Process Efficiency
- Flexibility and Customization
- Reliability

Industry:

- Chemical Industry
- Oil and Gas Industry
- Power Generation
- Petrochemical Industry
- Refining Industry
- Manufacturing Industry
- Steam Boilers and Pressure Vessels
- Aerospace Industry
- Automotive Manufacturing
- Textile Industry
- Paper and Pulp Industry

Description:

- Body material: Cast iron, cast steel (WCB, WCC, LCC, LCB, WC6, WC9), Ductile iron, carbon steel, stainless steel (SS316, SS304, CF8).
- Class: 150 - 2500, PN10-PN450
- Size: ½" - 40"

- Ends: Socket weld butt weld, flanged, threaded.
- Operation: Handwheel, Gear operated, Electric Actuated, and Pneumatic Actuated.

<https://www.specialityvalve.com/product-category/thermal-safety-valve/>