

Thermostatic Steam Trap Manufacturer in USA

Valvesonly is the leading [Thermostatic Steam Trap Manufacturer in USA](#) . A thermostatic steam trap is a type of valve that is designed to automatically discharge condensate and non-condensable gases from a steam system. It is commonly used in industrial settings, such as power plants, refineries, and chemical processing facilities, to prevent damage to equipment and improve efficiency.

Valvesonly is the best [Thermostatic Steam Trap Manufacturer in USA](#) and are an important component of steam systems, ensuring efficient and safe operation. The type of thermostatic steam trap selected depends on the specific application, steam pressure, and temperature. Proper installation, maintenance, and testing of thermostatic steam traps are critical to ensure their effectiveness and longevity.

Parts of a thermostatic steam trap:

- Valve seat
- Valve disc
- Bimetallic element
- Body
- Inlet connection
- Outlet connection
- Strainer
- Cover



Types of thermostatic steam traps:

- Balanced pressure thermostatic steam trap
- Bimetallic thermostatic steam trap
- Wax capsule thermostatic steam trap
- Expansion thermostatic steam trap

Industries

- Oil and gas
- Chemical production
- Pipelines
- Aerospace
- Marine
- Fire protection
- Agriculture

Applications of thermostatic steam traps:

- Steam heating systems
- Process heating systems
- Air conditioning and refrigeration systems
- Pharmaceutical manufacturing
- Paper and pulp manufacturing
- Textile production
- Chemical processing

Advantages of thermostatic steam traps:

- Automatically discharge condensate and non-condensable gases from a steam system
- Improve energy efficiency by reducing steam losses
- Protect equipment from damage caused by water hammer and corrosion
- Reduce maintenance and downtime
- Can be used in a wide range of applications and environments
- Easy to install and maintain

Description

Material: Ductile iron, Cast Iron, Carbon Steel, A105, SS316

Size: 3-4 inch

Class: 150 to 1500, PN10 to PN200

Ends: Socket weld butt weld, Flanged, threaded.

<https://valvesonly.com/product-category/thermostatic-steam-trap/>