



Product Family  
Overview



*Precision Engineered.*

*Fully Integrated.*

*Expertly Supported.*

For top performance in your operation,  
choose the proven accuracy of the  
Sterlco® full line of steam control products.

# Precision Engineered. Fully Integrated. Expertly Supported.

Smart operators everywhere choose Sterlco® brand products and components. Building on a strong tradition dating back to 1916, Sterlco® products are available in a full line of reliable and precise equipment.

*Turn to the experts at Sterling today for complete Sterlco® solutions in:*



Pumps



Tanks



Traps



Valves

## A Century of Success

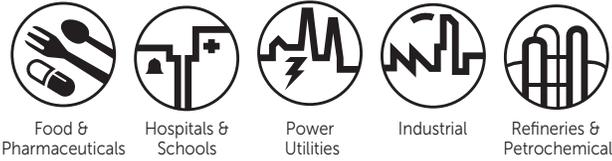
In 1916, the company, then known as the Sterling Engineering Company, began designing and manufacturing valves, traps, strainers, and condensate pumps for steam and hot water systems.

Today, with more than 100 years of application experience, a diverse engineering staff, state-of-the-art CAD design capabilities and thousands of custom applications, we are uniquely suited to meet your individual requirements and system specifications.

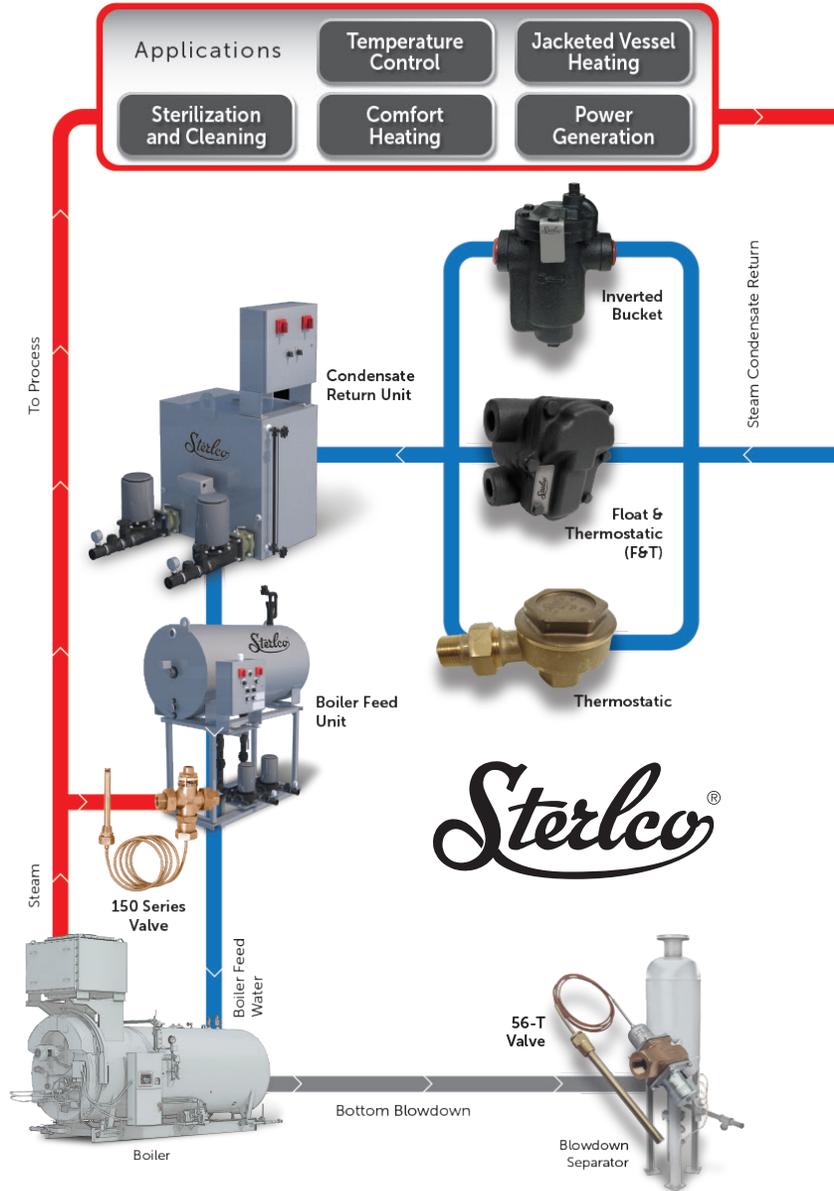


# Reliable Steam Control to Help You Get More from Your System

Partnering with Sterling means more than just getting Sterlco® system components. Our technical staff brings more than a combined 100 years of steam heating experience, and can provide expert advice and consultation to help you find the right solution for your specific application.



From sterilization and precise temperature control to comfort heating and power generation, Sterlco® offers a variety of steam control products to keep your system running efficiently.



## Responsive Support When You Need It.

We know how important uptime is to your profitability. That's why we provide industry-leading parts and service support that helps you maximize uptime, productivity, and the longevity of your equipment.

## Expert Technical Support.

Our technical staff is available to help you keep your operation in top form. Dedicated phone support is available when you need it, with the answers you require.

# STEAM CONTROL PUMPS

**Sterlco® pump systems are designed to keep your boiler system running at peak performance, saving you critical operation and maintenance dollars.**

With a wide range of boiler feed and condensate return systems, Sterlco® units are uniquely positioned to support your needs. Designed for ease of installation and service, Sterlco® steam control pump systems also offer long life and economical operation.



4100 Series  
Condensate Unit



4200 Series  
Boiler Feed Unit



K Series  
Centrifugal Pump



J Series  
Centrifugal Pump

**Customers have used Sterlco® equipment for decades of reliable system performance.**

## Condensate Units

Sterlco® Condensate Return Units set new standards of performance. Reliable and efficient, each unit features heavy-duty receivers for long operating life. With a thicker tank wall design and highly wear-resistant pump seals, our systems run longer and require less maintenance.

## Boiler Feed Units

Sterlco® Boiler Feed Units are reliable and efficient. Each unit features heavy-duty cast iron receivers for long operating life. In addition, 3450 RPM motors assure maximum efficiency while maintaining minimum motor horsepower.

## Centrifugal Pumps

Sterlco® Centrifugal Pumps are designed so that the motor shaft will not be exposed to water to better improve serviceability. Provisions for a seal flush or vent is provided. The pump allows the motor and impeller to be removed without disturbing piping connections.

# STEAM CONTROL TANKS

**Engineered Sterlco® tank solutions are designed around your specific boiler needs, ensuring you get the most from your system.**

Every boiler system has its own unique needs. The experts at Sterling are ready to deliver integrated Sterlco® tank solutions designed around the application-specific requirements that our customers expect.



*5000 Series  
Boiler Feed Pumps  
with Boiler Feed Tank*



*3500 Series  
High Pressure Boiler Feed Pumps  
with Boiler Feed Tank*

## Boiler Feed Tanks

Sterlco® Boiler Feed Tanks are available as a ready-to-install assembly with a tank, boiler feed pump, and integrated control panel. These systems are available in a number of sizes for a diverse range of application requirements.

## Elevated & Low Profile Designs

Sterlco® tank systems are available in both elevated and low profile designs. Elevated designs are available to meet the needs of vertical multi-stage applications or tighter footprint requirements.

Low profile designs are available to meet the needs of lower return line piping. Our designs are intended to ensure ease of installation and maintenance.

# STEAM TRAPS

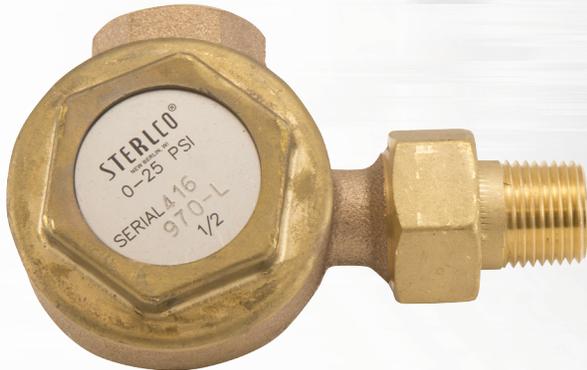
**Sterling offers a wide range of Sterlco® traps designed for the most demanding steam applications. Rugged construction means long life and efficient performance.**

Every boiler system operator should know that the only thing more expensive than repairing or replacing their steam traps with a high quality trap is operating their system with a poorly designed or faulty trap.

The experts at Sterling have designed one of the most comprehensive lines of traps in the industry, all designed to maximize uptime and efficiency for our customers.



*Float & Thermostatic Steam Trap*



*Thermostatic Radiator Trap*



*Inverted Bucket Steam Trap*

## **Float & Thermostatic Steam Traps**

Sterlco® Float & Thermostatic steam traps are preferred for efficient, economical vacuum and pressure service. These traps provide better modulating control and non-condensable gas venting than other trap designs.

## **Thermostatic Radiator Traps**

Units are available in a variety of patterns and sizes to meet the specific needs of each application. The Sterlco® trap consists of a cast brass body and cover with a fluid filled thermostatic assembly. All working parts are made of non-corrosive metals especially adapted for dependable service.

## **Inverted Bucket Steam Traps**

On start-up, the bucket, by its own weight, rests on the trap bottom. The main valve is open, allowing for the discharge of air and other non-condensable gases or particulate matter. These trap designs have been specifically designed to handle the rigors of industrial applications.

# VALVES & STRAINERS

Sterlco® products are designed to help you maintain temperature, flow, and pressure, ensuring you get the most from your system.

Control and protection are critical to the success of your operation. Sterlco® products are some of the most rugged and well-tested products available today. From basic radiator systems with minimal control requirements to the most demanding applications requiring precise operation, turn to Sterlco® products for the solution.



150 Series  
Temperature Control Valve



Hand Radiator Valve



56-T  
Temperature Control Valve



Strainer

## Temperature Control Valves

Simple yet efficient design requires minimum maintenance and heavy-duty construction assures long valve life. Valves are temperature actuated, self-powered, fully balanced, and applicable to heating or cooling processes using water, oil, steam, or other fluids.

## Hand Radiator Valves

Sterlco® Radiator valves feature a heavy cast brass body, brass union, and nut. This solid, simple, rugged construction will resist strains during installation and assures a long serviceable life.

## Strainers

Sterlco® strainers are engineered for water or steam, and are adaptable for many other fluid handling applications. The integrated stainless steel screens are easily accessible for simple clean out and help a system continue to operate at peak performance levels.



# A Higher Degree of Excellence.

Get more from your steam system with components that are easy to install, operate, and maintain. Backed by expert ACS Group support, you can count on a solution that will help you optimize uptime, efficiency, and productivity.



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