



# STEAM ANCILLARY EQUIPMENT

WATER TREATMENT AND AUXILIARY  
STEAM SYSTEM EQUIPMENT



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A steam boiler is just one part of a well-designed steam system. Means to collect condensate and handle blowdown water are necessary processes for nearly all steam systems. In addition, some level of water treatment is required to ensure system durability and

reliability. Many steam applications are unique and will require specific types of accessories engineered to work in unison to provide a solution to a customer's needs. Fulton makes all of the ancillary equipment to the same high standards as our boilers. It's all designed and built specifically for you.



## WATER SOFTENERS

Water softeners remove calcium and magnesium (hardness) and replace them with sodium. Hardness removal is critical to prevent scale formation on the waterside of the boiler. Scale can decrease boiler efficiency by 10% and create premature pressure vessel failure. Fulton softeners are duplex systems with auto-regenerating features sized for each application.

## DEAERATORS

Proper delivery of feedwater and collection of condensate is essential to the operation of a steam system. The deaerator vessel is designed to drive off oxygen from the water before it is fed to the boiler to protect the system. These vessels can be built to ASME code or non-code, depending on the requirements in your area or system. All of our equipment is built to the same standard as our boilers.

# ENGINEERED SYSTEMS

Fulton provides one stop shop responsibility for all design aspects of the Engineered System including steam boilers, ancillary components and water treatment. Many systems are available with ready to go drawing packages and submittal information.



## FEEDWATER SYSTEMS

Fulton feedwater systems provide safe, trouble-free delivery of water and condensate return for boilers. Feedwater systems are completely assembled with a tank, stand, pump, motor strainer, float valve, shut-off valve, and gauge glass assembly. Systems are available for boilers from 1 to 500 HP.

## CHEMICAL FEED SYSTEM

The quality of the water used in a steam boiler will affect its life. It is strongly recommended that a competent water treatment program be implemented as a part of the steam system design. High-quality feedwater will minimize the formation of scale, foaming, solids in steam, corrosion, and fouling caused by the solids and gases present in natural feedwater.

## BLOWDOWN TANKS

Constructed with the finest quality materials, all Fulton Blowdown Tanks meet or exceed ASME Code and include features to ensure safe boiler blowdown. They also operate with minimum maintenance. Blowdown Tanks are available for boilers from 1 to 250 HP.









# OPTIMIZE YOUR BOILER SYSTEM

Fulton has been a family owned manufacturer of heat transfer equipment since 1949. Our premier boilers are available through a worldwide network of authorized representatives. Your local representative will assist you in the selection of Fulton equipment to best meet your application needs.



Find your local sales representative online at:

[www.fulton.com/sales](http://www.fulton.com/sales)

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