



Water Systems for Sterile Processing

Water Treatment Solutions
to help you meet the
AAMI ST108 Standard



Create critical water consistently. Our reliable systems ensure no impurities are left behind on the instruments. Less wear, less opportunity for contamination exists.



Complete water treatment systems. You'll only need to work with our water purification specialists to achieve high purity critical water within the system as a whole.




Work healthier. Meeting ST108 standards prevents the spread of bacteria and other contaminants that may harm your patients.



Save money. Our system exceeds current water quality standards making your facility much less likely to need another upgrade if standards change.



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High quality water is imperative for patient health and equipment life.

What is AAMI ST108?

AAMI (Association of the Advancement of Medical Instrumentation) published ANSI/AAMI ST108:2023 Water for the Processing of Medical Devices, which replaces the AAMI TIR34 guidelines. The purpose of this standard is to establish quality criteria for various types of water utilized in the processing of medical devices. It also offers guidance on the appropriate times and contexts for the use of each water category. These standards are divided into three segments for medical device reprocessing: utility water, critical water and steam. Critical water is held to a higher level. This water is treated to ensure microorganisms and inorganic and organic material are removed and is used for the final rinse and for producing steam.

AAMI ST108 places significant importance on:

- ◆ Proper Water System Design
- ◆ Distribution Loop Design
- ◆ Monitoring of the Water System
- ◆ Routine Water Quality Testing
- ◆ Routine Maintenance and Disinfection

Hospital staff will need to develop:

- ◆ A Water System Management Program
- ◆ Cross-Functional Team with Assigned Responsibilities
- ◆ Validation and Risk Assessment Protocols for the Water System

AmeriWater's water filtration systems meet the AAMI ST108 water quality specifications¹ for washers, disinfectors, glassware washers, steam boilers and final rinses. Our water systems combined with proper maintenance and monitoring will help you to meet the ST108 requirements.

Contact us today for a free consultation about your water filtration needs at 800-535-5585 or Info@AmeriWater.com.



¹ "Critical Water" quality as defined in ANSI/AAMI ST108:2023, Table 2 - Categories and Performance Qualification Levels of Water Quality for Medical Device Processing