

Water for Sterile Processing

from NuStream Filtration

New ANSI/AAMI ST108:2023 Standards

In August 2023 new regulatory standards were released, titled Water for Processing of Medical Devices. This standard provides requirements for the quality of water used in various stages of medical device processing, including water used to clean, rinse, disinfect and sterilize medical devices. It is estimated that 80% of the surgery centers and hospitals will require an upgrade or replacement of their current water treatment system and updated procedures for monitoring and maintenance.

NuStream: Your Partner for Quality and Compliance

Backed by over four decades of industry expertise, NuStream is dedicated to delivering top-tier products tailored for the healthcare sector. As a long-standing member of several AAMI committees, NuStream has a strong understanding of the critical requirements for running a successful SPD that not only supports patient safety but meets industry standards.



Exclusive NuSurg SP – All in One For Surgery Centers with Limited Space

NuStream Filtration is the designer of the exclusive **NuSurg SP All in One** complete water treatment system. Whether it be for a small surgery center, or the largest hospital sterile processing department, our systems occupy about one-fifth of the space required by traditional complete water treatment systems, without compromising on performance or efficiency.

Local Installation, Service and Support

Don't worry, you're not going to be left on your own! NuStream Filtration has factory trained local distributors throughout the US to provide everything you need. Our distributors will install your system, provide service as needed, or set up a planned maintenance agreement to assure that your systems are running smoothly every minute of the day.

You Can Have It All!

Best in class water treatment systems for sterile processing...

- In a small space
- At a competitive price
- Meeting all regulatory requirements
- Free 24/7 telephone support
- Local Installation and Service

**New Water Standards
For
Sterile Processing
Departments**

**Are You
Ready?**

ANSI / AAMI
ST108:2023
Water for Processing of
Medical Devices

**Don't worry!
We've got you
covered!**

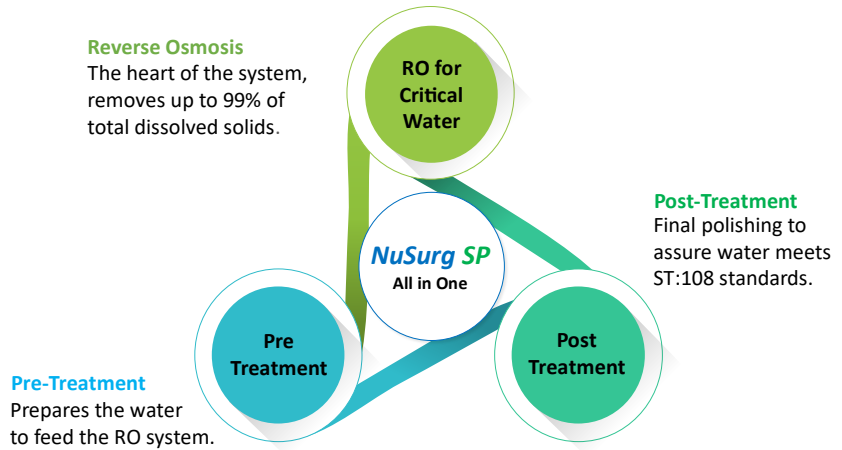
NuSurg SP All in One



Mounted on an aluminum, powder coated frame that will remain rust-free for many years to come.

The water used to clean, rinse, sterilize and disinfect instruments for surgery is required to meet the new ST:108 standards. Each contaminant now has a required limit for Utility Water, Critical Water and Steam. To achieve this, several types of water treatment technology are needed.

The NuSurg SP system for surgery centers delivers!



Everything You Need to Meet ST108 In One Compact Space*

21" x 35" x 73"

*Not including storage tank

High Purity Storage Tank

55- or 100-gallon cone bottom tank stores and recirculates the water from the loop back through the NuSurg SP system.



Includes internal spray ball for easy disinfection.

Cone bottom reduces bacteria growth from stagnant water, vent filter keeps impurities in the air from entering the tank.

COMPONENT	PURPOSE	QTY	SIZE / FLOW	MODEL
Carbon & Phosphate Filter	Prolongs the life of the membrane by removing chlorine and hardness minerals that cause scale.	2	4.5" x 10"	Replacement Cartridge #130310
Particulate Filter	Removes particulates down to 5 microns to reduce clogging of the RO membranes.	1	4.5" x 10"	Replacement Cartridge #130400
RO Membrane	Purifies the water by removing up to 99% of total dissolved solids	3	2.5" x 40" 750 GPD each 2250 GPD total	Replacement Membrane #160205
Deionizer Cartridge	Polishes the RO water to even higher quality to help ensure critical water standards are achieved	1	4.5" x 20"	Replacement Cartridge #136620
Ultra-Violet System	Destroys harmful bacteria	1	15 GPM @ 30 mJ	Replacement Lamp #141312
CMF Validated Filter	Removes bacteria and endotoxin	1	2.5" x 20"	Replacement Cartridge #131700
Pumps 240, Single Phase	First pump pushes water from the pretreatment components through RO membranes Second pump distributes water from the storage tank through the distribution loop and point of use	1 1	9 GPM @ 77 PSI	Grundfos SS CM Replacement Pump #400001
Storage Tank (sold separately)	Keeps water recirculating and fresh	1	55 gallons 100 gallons	36.5" x 65"h (as built) 36.5" x 92"h (as built)