



Central Sterile Water System

For AAMI ST108 Compliance

OVERVIEW

The water used to reprocess a medical device needs to be of sufficient quality to ensure that the device is not damaged and the patient will not be injured by contact with the device.

Clean water prevents:

- Device breakage due to corrosion of a surgical instrument.
- Toxic effects due to residual endotoxins.
- Patient infection caused by micro-biologicals in rinse water.
- Ineffective detergent performance due to contaminants binding to detergent surfaces.

STANDARD FEATURES

- US Department of Veteran Affairs PG-18-12 Design Guide Compliant
- Pretreatment Chemical Injection Package with Integrated doser pumps.
- Professional Grade RO with Product Divert and Remote Alarm.
- Integrated CIP /Disinfection Pump and Tank For Entire System Disinfection.
- 75% Recovery for Water Conservation.
- 100-325 gallon cone bottom tank with sealed lid and vent filter.
- 1" loop return with flow meter, pressure relief valve and drain.
- Single or dual distribution pump packages capable of 40 or 80 GPM at 30 PSI.



OPTIONS

Stainless Steel 30" Final Filter with Sample Port

Choose CMF Sub-micron or NanoGuard-C Final Filters

CMF Microbial Filters:

99.9 % Bacteria/Legionella Removal

96.0 % Endotoxin Removal

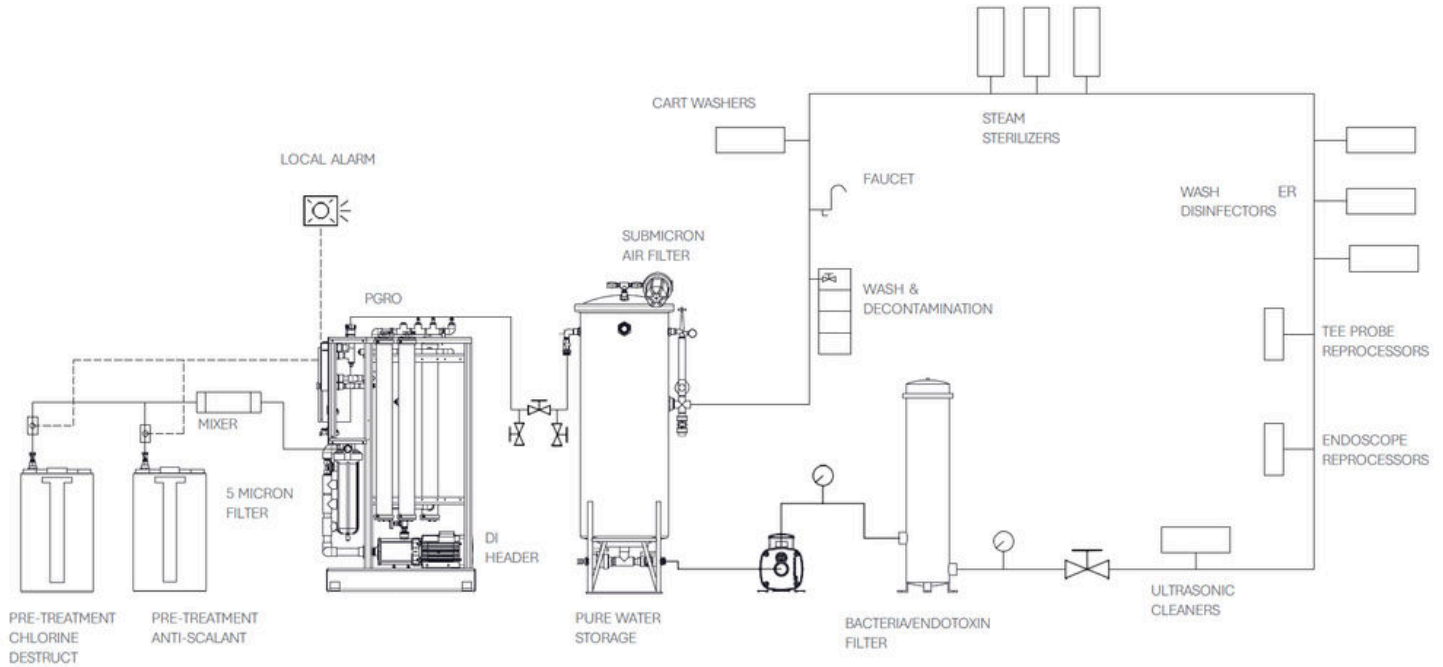
NanoGuard-C Ultrafilter:

99.999% Bacteria/Legionella Removal

99.999% Endotoxin Removal

Note: Product flow rate varies with temperature, all models are rated at 77°F (25° C) with feed water of 1500 ppm NaCl Solution @ 150 psi applied pressure. Permeate flow for individual elements may vary + or - 15%.

DESIGNED TO FEED YOUR STERILE PROCESSING REQUIREMENTS



TECHNICAL DETAILS

MODEL	PG 24	PG 34	PG 44
PERFORMANCE			
Nominal Rejection	99%	99%	99%
Production (GPD)*	5,000	7,500	10,000
Product Flow (GPD)*	3.4	5.2	6.9
ELECTRICAL			
Three Phase	208-230V/440-480 (Check label)		
Horsepower/AMPS	3.4 HP//8.95-8.5/4-3.4		
MEMBRANES			
Size (in)	4" x 40"		
Quantity	2	3	4
Type	Spiral Composite Polyimide		
FEED WATER REQUIREMENTS			
Chlorine Tolerance	<0.1 PPM		
Temperature	Maximum 133 °F (45 °C)		
Operating pH Range	2 - 10		
Cleaning pH	1 -12		
Pre-filtration	5 micron		
Membrane Pressure Range (PSIG)	120 - 160		
Max Fouling Index	< 5.0		
DIMENSIONAL DATA			
Connections	Inlet 1" FIP, Outlet ¾ QC, Drain ¾" QC		
H x W x D	76" X 33" X 30"		

