

WORKHORSE™ Professional Grade

CGD CENTRAL STERILE CRITICAL WATER DELIVERY SYSTEM 1.25 GPM - 3.75 GPM 115V/60HZ/1PH

- ◆ RO as pretreatment for DI pays for itself quickly!
- ◆ Less water waste with 40-75% recovery
- ◆ Dedicated 115 Volt 20 amp circuit required
- ◆ Minimal system floor space requirements
- ◆ Optional Integrated Pretreatment Injection allows for smaller footprint and less maintenance
Chlorine Destruct/Antiscalent
- ◆ Easy hose connection set up in minutes
- ◆ Stainless Steel GRUNDFOS multi-stage RO pump
- ◆ Best practice design, larger flow RO with a smaller fresh storage
- ◆ AAMI TIR34 compliant design
- ◆ Brass/copper/lead free design
Rust free powder coated aluminum frame
- ◆ Deluxe Controller with Conductivity and optional facilities management communications package
- ◆ Integrated GRUNDFOS 115 V 20 AMP stainless steel recirculation pump for up to 30 GPM @ 40 PSI for recirculation at 3 FPS (shown below)

DESIGN PARAMETERS

MODEL	CGD 14	CGD 24	CGD 34
PERFORMANCE			
Nominal Rejection	99%	99%	99%
Production (GPD)*	1800	3600	5400
Product Flow (GPM)*	1.25	2.5	3.75
Recovery	40-75%		
ELECTRICAL			
Single Phase	115V		
Horsepower/AMPS	1.5HP / 14.6A		
MEMBRANES			
Size (in)	4" X 40"	4" X 40"	4" X 40"
Quantity	1	2	3
Type	Thin Film Nanocomposite (TFN)		
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 (SDI)	<5.0		
DIMENSIONAL DATA			
Connections	Inlet 3/4" FIP, Outlet 1/2" QC, Drain 1/2" QC		
H x W x D	50" x 20" x 18"		
OPERATING WEIGHT (LBS)			
195 LBS			

*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%.



The critical 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.

~ TIR34

CLEAN WATER PREVENTS:

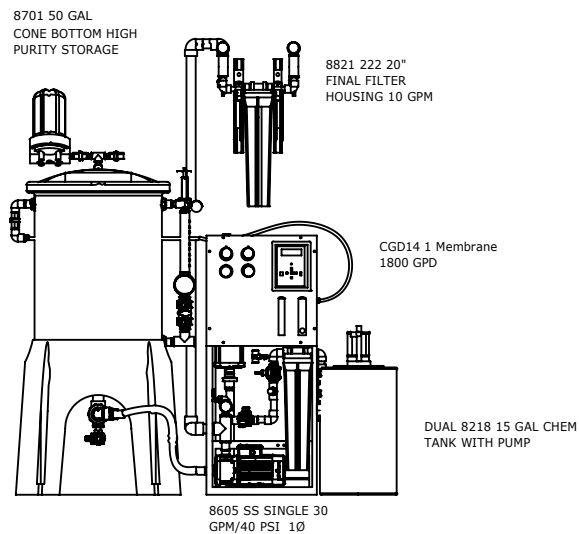
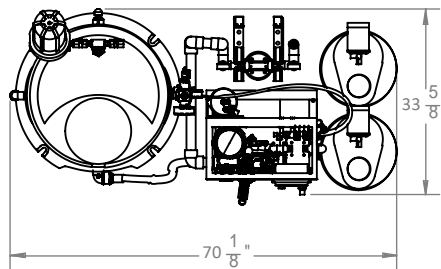
Device breakage do to corrosion of a surgical instrument.

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.

Complete systems are designed to feed your reprocessing requirements.



Better Pumps.

Multistage  Pumps utilized in all Professional Grade RO and distribution products



NuStream™
filtration