



AmeriWater

A graphic element consisting of a series of vertical blue bars of varying heights, arranged in a slightly curved line that tapers to the right.

History

- Started AmeriWater in 1995

8 people in one room for a year

1995 - 2000

- Introduced AmeriWater to dialysis market, selling only direct
- Received FDA 510K on single patient RO's
- Received FDA 510K on complete central system

2000 - 2005

- Decided to market through dealers
- Created dialysis seminar certified for contact hours
- FDA 510K on chemical feed systems
- Received ISO certification for complete line of dialysis water treatment equipment

2005 - 2011

- FDA 510K for bicarb, acid and wall boxes
- Health Canada for
 - All MRO models
 - Complete central system
 - Wall boxes, bicarb, acid

June 2011...Suez Environnement



AmeriWater / GDF Suez

- A small company that is part of the 2nd largest environmental company in the world

- \$146 billion
- 60 countries
- 219,000 employees



Our Strengths...

- Excellent reputation in dialysis industry
- A variety of high quality products designed around the end users needs
- Competitive pricing
- Carry many certifications & licenses – do things right
 - Nearly perfect score with FDA and ISO

Certifications/Licenses

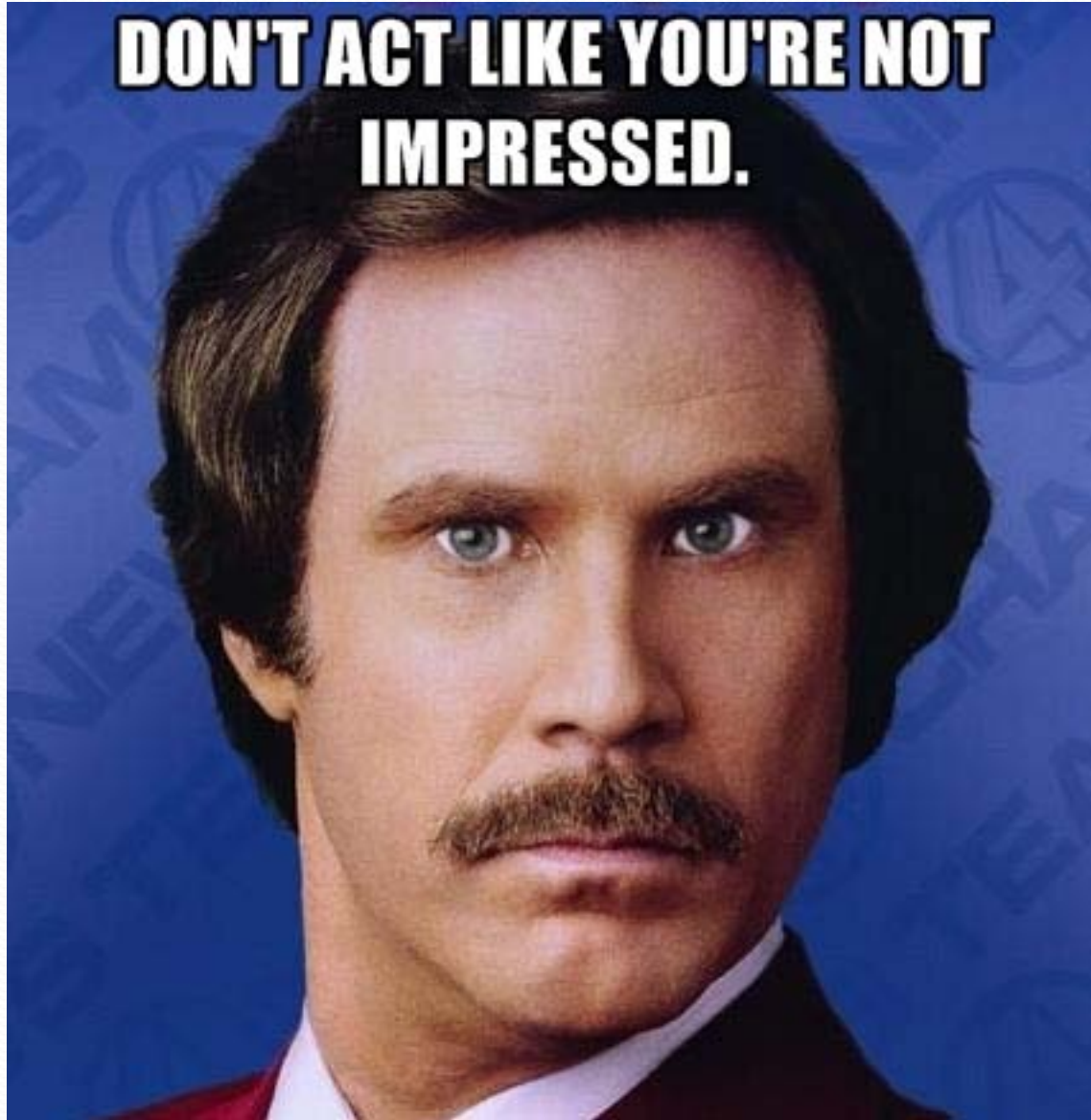
- ISO 13485: 2003 Registered
 - 250 models
- Health Canada Licensed
 - (5) licenses covering 223 models
- FDA Registered Products
 - (7) 510K's covering 250 models
- ETL ANSI/UL IEC
 - (6) listings covering 26 products
- Seismic



The Only...

- Water treatment company that is truly full service
 - Equipment design, manufacturing and service
 - FDA 510K regeneration facility
 - LAL and AAMI testing lab
 - Seminars certified for contact hours
 - 24/7 consultation
 - Dialysis, healthcare and industrial products
 - Through dealers, able to provide same day service everywhere

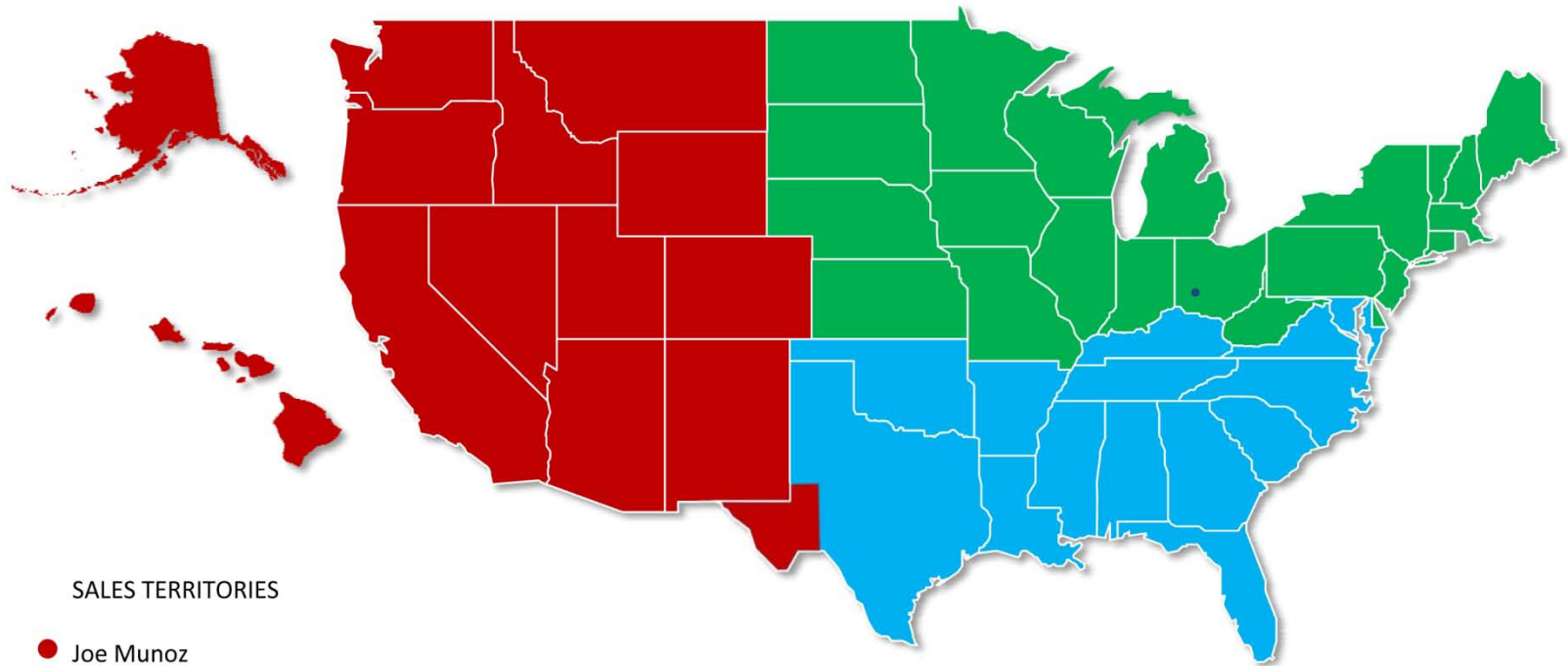
**DON'T ACT LIKE YOU'RE NOT
IMPRESSED.**



Dealers Make the Difference

- Strategically located to be within 3 hours of any dialysis center
- Perform installation, start-up, training
- Available for emergency service 24/7 (AmeriWater by phone)
- Extensive training:
 - At AmeriWater at least annually, sometimes 3-4 times/year
 - Attend many webinars and training classes throughout the year
 - AmeriWater on location at first installation
 - Required to send in verification/validation on installed systems with YOUR signature

Sales Territories



SALES TERRITORIES

- Joe Munoz
(925) 408-0150 • joemunoz@ameriwater.com
- Russ Schlagel
(937) 307-2523 • rschlagel@ameriwater.com
- Len Voelker
(937) 461-8833 • lenvoelker@ameriwater.com
- Jim Campbell
(937) 684-3662 • jimcampbell@ameriwater.com

Travis Tashjian
Director of Sales
937-260-1567

Complete Line of Products

- Single Patient (standard and heat)
- 3-6 Station Systems
- Central Systems (standard and heat)
- Bicarb Systems
- Ozone

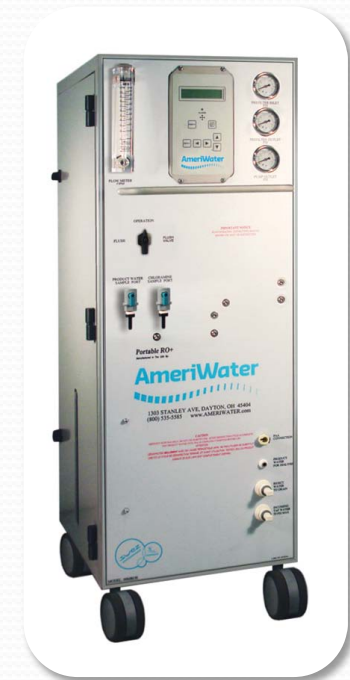
Standard Systems



MROS & MRO1

Entire water treatment system in a box!
Grab and go!

- Entire device conforms to IEC UL standard 60601-1
- Excess product water recirculation feature – reduces water usage by 45%
- Plug-n-play controller
- Hinged door
- Large rim on top of cabinet
- Great wheels!



Central Systems



Standard Features MROZ

- Best of both
 - Open RO/cabinet RO
 - Membranes/pumps open frame
 - Controls/hydraulics hardware within a cabinet
 - Easy access via full size service door
- May be used in conjunction w/Heatsan
- Quick and easy disinfection process
 - Processes water for up to 40 stations



AmeriWater



Bicarb System

Bicarb Systems

STANDARDS:

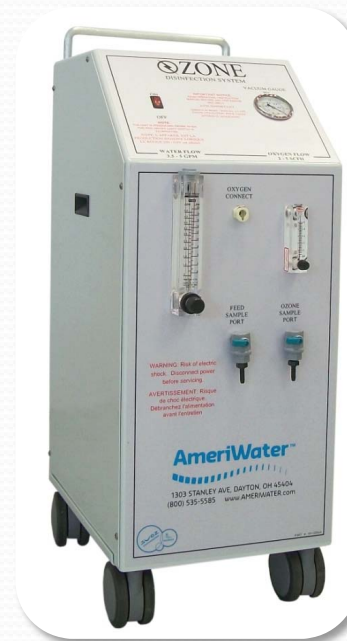
- FDA 510K / ISO 13485 Registered Medical Device
- Health Canada Medical Device License 81988
- Seismic Approved



Bicarb Standard Features

- Disinfection quick and simple with chemicals or ozone
- Fast, thorough rinse out of bicarb and disinfection chemicals
- Low profile of tanks for easy powder addition
- Sealed design (o-ring sealed lids and submicron vent filters) prevent contamination of the system and concentrate

What's New!





Heat Disinfect Products

Single patient systems

to full size central systems

and even loop disinfection!

Why Heat Disinfect?

- Bacteriological limits being driven down by AAMI / ISO
 - < 100 CFU/mL < 0.25 EU/mL
- Higher quality water is better for your patients, less microbiological loading.
- Less labor from having to monitor / perform disinfection
Let the MediQA and HeatSan do your job!



MediQA Heat Disinfect RO

MediQA Configurations

- Single Pass
- Double Pass
 - Two pumps and sets of membranes
 - If issues, can run with one set



MediQA Standard Features

- PLC with full color touch screen
- Data logger verifies successful heat disinfect
- Logs daily parameters (flow rates, pressures) etc...
- USB download and upload to Excel records
- You set automatic disinfect time

Single Pass Performance

| Model | MSP ₁ | MSP ₂ | MSP ₃ |
|-------------|------------------|------------------|------------------|
| GPD | 7,200 | 13,600 | 18,100 |
| GPM | 5.0 | 9.4 | 12.6 |
| # Membranes | 1 | 2 | 3 |

Dual Pass Performance

| Model | MDP ₁ | MDP ₂ | MDP ₃ | MDP ₄ |
|-------------|------------------|------------------|------------------|------------------|
| GPD | 7,200 | 10,800 | 14,400 | 17,300 |
| GPM | 5.0 | 7.0 | 10.0 | 12.0 |
| # Membranes | 2 | 3 | 4 | 5 |



HeatSan Heat Disinfect Loop

Heatsan 400

The loop is the most troublesome area in the system!

- Stand alone system for distribution loop
- Integrated heat through Dialysis Machine
- Feedwater: the Heatsan will be fed directly from an existing RO
- Records kept and USB download with Excel
- Entire process 5-6 hours



Standard Features

- Password protection
- Easy step through programming
- Touch screen technology
- 7 day program
- Full monitoring of temperature, levels, flow rate and key times
- Intelligent monitoring routines, leak detection and over use
- 12 month event/history data log
- USB download to Excel

Heatsan Configuration 1

Heatsan with MROZ

Up to 35 Stations



Heatsan Configuration 2

Heatsan with MediQA

Up to 35 Stations





Centurion Single Patient

At Home, Every Day!



Centurion Portable: Heat Disinfect

- Flow rate of 1500 milliliters per minute
 - Highest in class
 - Excellent Microbiological performance
- .005 Endotoxin filter (Nephros)

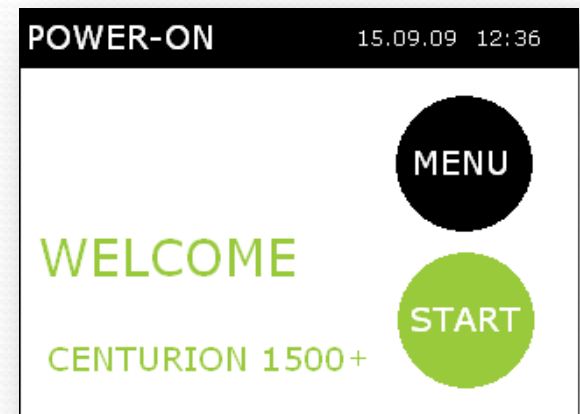


Standard Features

- Upgradeable software via USB stick
- Nocturnal Mode (only heat portable on market w/this feature)
 - “Quiet button”
 - Reduces flow rate
- Built in endotoxin filter device (Nephros 0.005 micron)
- Semi automated clean cycle
- Heat disinfection of membrane and loop
- Internal leak detection: auto shut off

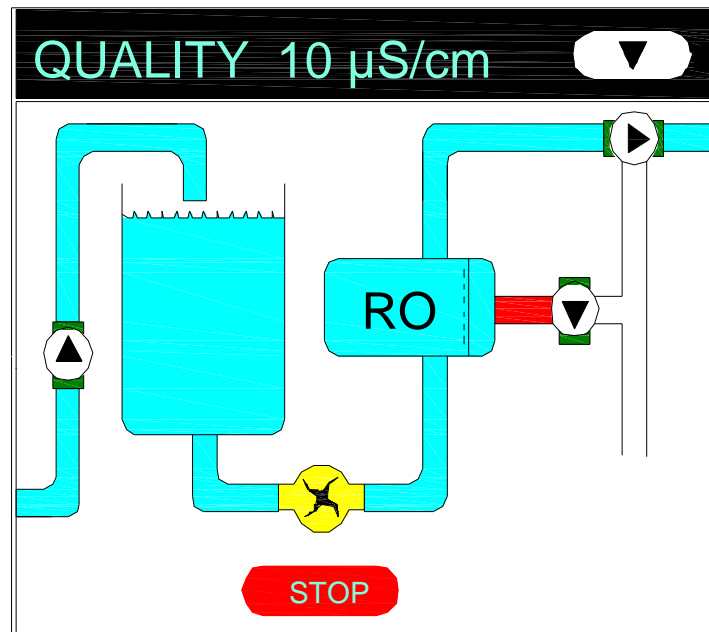
Standard Features

- Runs on un-softened water (routine membrane maintenance dependent)
- Auto flush (2 hrs/10 mins)
- Break tank (20 mm air gap)
- State of the art touch screen display
- Recirculation up to the point of use
- Service reminders
- Electronic speed control

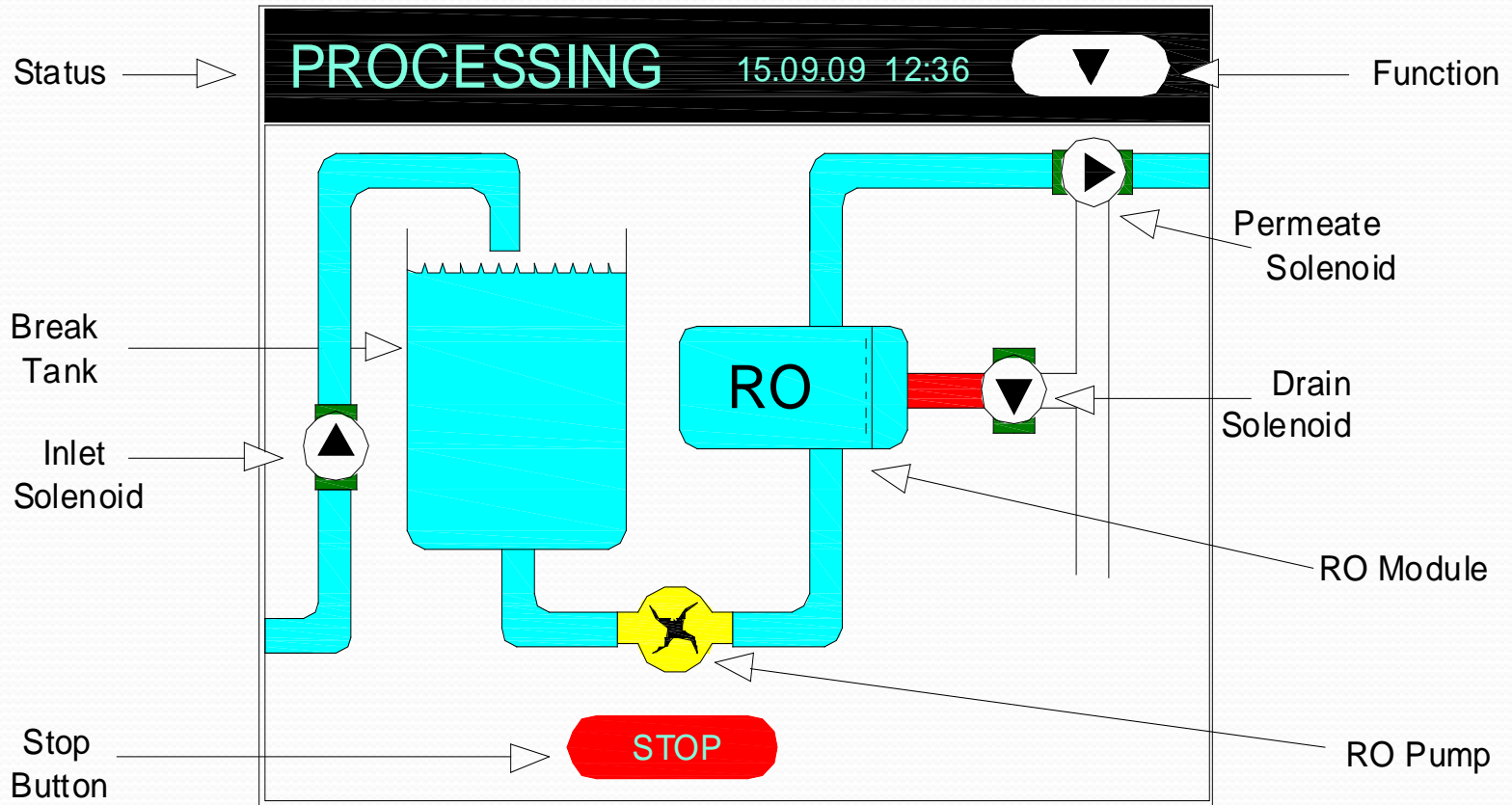


Operation

Function button shows operating parameters, such as pump pressure, temperature, flow rate, and permeate quality



Operation



Disinfection Procedure





Optional Cart

For pretreatment and portability

- 1 micron, 2 carbon cartridge filters
- Sample ports (easy access)





Ozone Disinfection

Ozone Disinfection System

- Better disinfection
 - (ozone removes biofilm better than chemicals)
- Less time needed for disinfection
- Less hazardous to users and the environment
- Easy rinse-out
- Gas off chamber removes excess gas
- The only FDA registered for both bicarb and water



Services

Water Testing Lab

LAL (endotoxin)

AAMI (chemical contaminants)

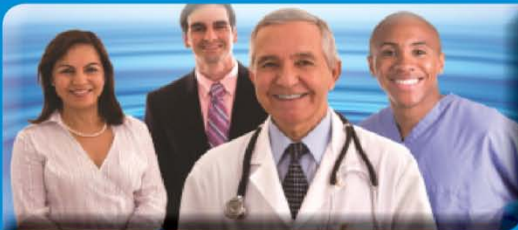
Ultra Pure Resin Regeneration

Layout and Room Design – free

24/7 support

Seminars!

WATER TREATMENT AND MONITORING FOR DIALYSIS



Learn what you need to know regarding the **new CMS Standards** for Water Treatment Equipment:

- Staff Responsibility
- Labeling/Identification
- Proper Design
- Monitoring

This seminar is for you if you find yourself...

- ...**frustrated** from trying to figure out why your endotoxin levels are so high – even though you’ve just disinfected
- ...**tying up** tons of valuable space “over-treating” your water but still not achieving the desired results
- ...**overwhelmed** by trying to write protocols on how, when and where to monitor your water treatment system
- ...**wondering** if you are within all FDA, AAMI, CMS standards
- ...**wanting** to know more about the function of all water treatment components
- ...**starting** a new dialysis center but not sure what the layout should be
- ...**preparing** for an audit or certification test



THANK
YOU!