

Electro Deionizer System

2 – 22 Gallons Per Minute



1257 Stanley Ave, Dayton, OH 45404

Produce high quality deionized water without the expense of chemicals, labor, and service associated with exchange tanks.

Create Your Own Deionized Water On-Site

- Install after your reverse osmosis system to polish the water up to 18 meg ohm quality.
- Continuous process with no downtime.
- Automatically starts when your RO provides pressure and flow to the EDI system.

Huge Cost Savings vs Deionizer Exchange Tanks

- No more waiting on DI tanks to be delivered.
- No service / exchange or monthly rental fee.
- DI water for pennies per day.

Designed and Built for Reliability

- Thin cell efficient design with non-scaling technology.
- No recirculation or brine components to fail.
- Product water sample port and flow meter indicator gives assurance of proper operation.
- No rust, aluminum powder coated frame.

Environmentally Friendly

- No chemicals required.
- Low energy consumption.
- No resin disposal.

Ideal for a Variety of Applications

- Sterile processing of instruments
- Laboratories requiring Type II water
 - ASTM
 - CLSI
 - CLRW



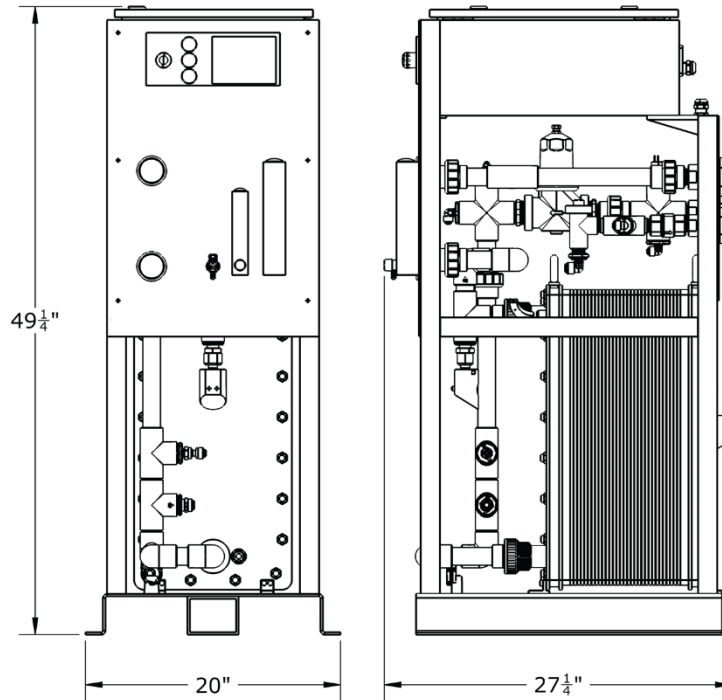
Minimal operating cost with continuous process reduces downtime

NuStream's EDI systems are built to last making high purity water for years.

Because we use stainless steel, powder coated aluminum frames and high-quality reinforced plastic, our EDI systems won't rust.

All products are designed and manufactured in the USA with pride. We listen and we care.

And all that equals a very high-quality customer experience.



ALSO AVAILABLE...

Reverse Osmosis

RO's ranging from 1,200 – 172,000 GPD

Pretreatment

Softeners / Filters

Post Treatment

Filters / Electro-Deionizer

Ultra-Violet / Ozone

Accessories

Storage Tanks / Cartridges

DESCRIPTION	EDI300	EDI400	EDI500	EDI550	EDI650
Product Flow GPM, Maximum*	4.5	7	10	20	26
Product Flow GPM, Minimum*	1.5	2.5	7.5	13	18
Drain Flow GPM	0.15	0.25	0.75	1.3	1.8
Nominal Recovery	> 90%				
Feed Temperature	Optimum 55°F - 85°F				
Feed pH	Optimum 6.5 - 8				
Feed Chlorine	Non-Detectable				
Feed Silica	< 0.5 PPM				
Feed Conductivity $\mu\text{S}/\text{cm}$	< 20				
Feed CO_2	Optimum < 2 mg/l (do not exceed 5 mg/l)				
Power Usage, Watts	300	400	600	900	1200
Electrical Input	220V / Single Phase / 20 AMP				
Inlet / Outlet Connections	1" FNPT				
Drain Connection	3/4" FNPT				
Dimensions w x d x h	20" x 27.25" x 49.25"				

*To produce high quality water, it's necessary to stay within range of minimum / maximum flows stated in the above chart.