

# Electro Deionizer System

2 – 20 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



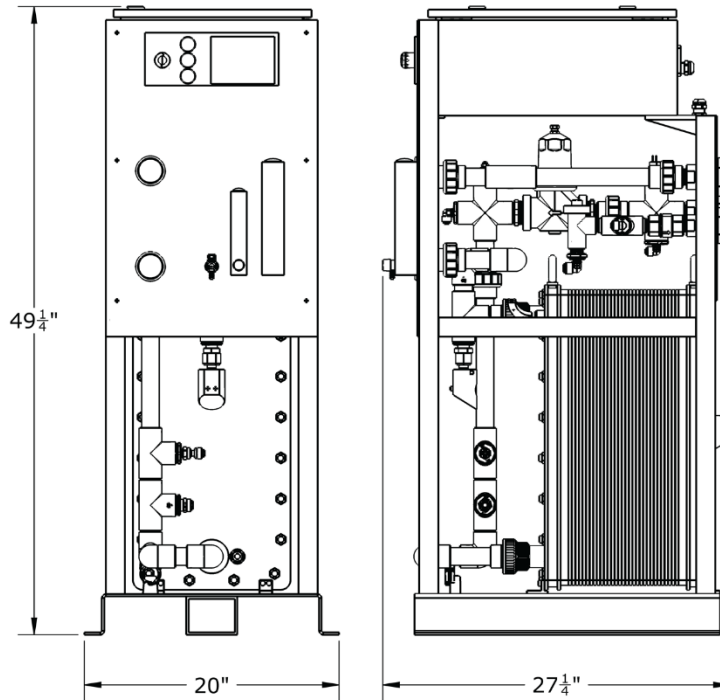
**Minimal operating cost with continuous process reduces downtime**

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	22
Product Flow GPM, Minimum*	1.5	2.5	6	9	13
Recommended Flow, Maximum*	4.5	7	10	14	20
Recommended Flow, Minimum*	1.5	5	8	11	15
Drain Flow GPM	0.45	0.7	1	2	2.6
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 µS/cm	< 20				
Feed CO <sub>2</sub>	Optimum < 2 mg/l (do not exceed 5 mg/l)				
Power Usage, Watts	300	400	600	900	1200
Electrical Input	200-240V / Single Phase / 20 Amp NEMA6-20 Dedicated Receptacle				
Inlet / Outlet Connections	1" FNPT				
Drain Connection	¾" 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.