

APPLIED[®] SYSTEMS

SERIES EDI – ELECTRO DEIONIZATION SYSTEMS

EDI Series Systems are produced by Applied Membranes to polish the permeate from a reverse osmosis system. The quality of the product from an AMI EDI system will depend on the incoming feed water quality to the EDI system. Product quality up to 18 megohms is possible with these systems.

The EDI System is superior to a conventional mixed-bed deionization system both in ease of operation and maintenance. In addition, no chemicals are used for regeneration.

The EDI Systems are modular, so they can be designed for various capacities and easily expanded when required.

EDI Systems are used in applications such as ultrapure water, USP grade water, water for injectibles (WFI), and removing trace quantities of contaminants.



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STANDARD EQUIPMENT

EDI Systems come complete and are skid mounted. These systems are tested before shipment. The main components included are:

- EDI Cells
- Flow Meters
- Incoming water conductivity meter
- Auto incoming water diverter valves w/controls
- Auto product water diverter valves w/controls
- Pressure Gauges
- Controller
- Power Supply
- Flow Switch
- Resistivity Monitor
- All Safeguards & Alarms

Model	Capacity		Dimensions (In/cm)			Approx. Weight (Lbs/KG)
	GPM	Liters/Min	Length	Width	Height	
EDI-1XL100	0.25 – 0.75	1 – 3	23/59	26/66	36/91	240/110
EDI-1XL200	0.5 – 1.5	2 – 6	23/59	26/66	36/91	250/114
EDI-1XL300	1.5 – 3	6 – 11	23/59	26/66	36/91	260/118
EDI-1XL400	3-7	11-27	23/59	26/66	36/91	270/123
EDI-1XL500	6-10	25-38	23/59	26/66	36/91	340/155
EDI-2XL500	12-20	45-76	23/59	26/66	36/91	520/236
EDI-4XL500	24-40	91-151	60/152	48/122	72/182	680/310
EDI-6XL500	36-60	136-227	60/152	48/122	72/182	780/354

NOTES

- Final product water quality will vary with the incoming RO permeate water quality and the temperature of the water.
- The incoming RO permeate must meet the specified quality requirements.

ORDERING INFORMATION

Please add our voltage codes to the end of the model number when ordering. **Example:** EDI-1XL200-216 = 220v/1ph/60hz

EDI-1XL100 to EDI-1XL500 are available in single phase only

Voltage Codes: 116 = 110v/ 1ph/ 60hz 216 = 220 or 230v/ 1ph/ 60hz 215 = 220v/1ph/50hz

EDI-2XL500 to EDI-6XL500 are available in three phase only

Voltage Codes: 236 = 220 or 230v/ 3ph/ 60hz 235 = 220v/3ph/50hz
 436 = 460 or 480v/ 3ph/ 60hz 335 = 380v/3ph/50hz



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