



ELECTRODEIONISATION (EDI) SYSTEMS

STANDARD FEATURES

- CDI-Low models offer capacities ranging from 0.39 m³/h to 40.88 m³/h, while CDI-High models offer capacities ranging from 22.7 m³/h to 136.3 m³/h.
- The systems consist of CDI-LX (Low) or VNX (High) modules and can be produced in single or multiple configurations.
- The chassis includes power supplies, controllers, PVC or stainless steel piping, sampling valves, and chemical cleaning connections.
- They are equipped with flow and water quality measurement instruments, and remote control functionality can be added upon request.
- The systems are designed to allow sanitation with hot water up to 85°C.
- It produces product water of 18 megohm-cm quality without the need for a deionisation tank or regeneration chemicals.
- Its compact design takes up minimal space, offers quick installation, and requires low maintenance.
- It operates reliably even with feed water at 6.8 bar pressure and has a completely leak-proof design.

Working Limits Parameter	Value
Max. Feed Temperature	113 °F (45 °C)
Min. Feed Temperature	40 °F (4.4 °C)
Max. Feed Pressure	100 psig (6.9 bar)
Min. Feed Pressure	45 psig (3.1 bar)
Pressure Conversion at Min. Flow Rate	10 – 15 psig (0.69 – 1.03 bar)
Pressure Conversion at Average Flow Rate	25 – 35 psig (1.72 – 2.41 bar)
Pressure Conversion at Max. Flow Rate	40 – 50 psig (2.76 – 3.45 bar)





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