



SNOWPURE

Water Technologies

Laboratory RO & EDI Modules

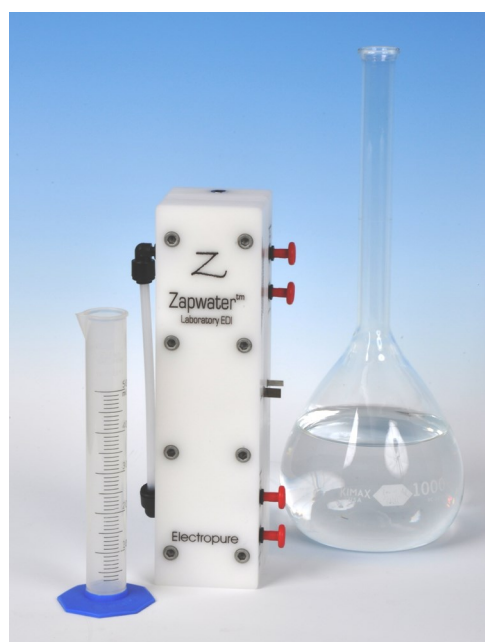


Zapwater EDI modules for 10&20 lph countertop appliances, and lab POU DI systems.

Zap-20 (EDI)	20 lph
Zap-10 (EDI)	10 lph
RO for Zap High Rejection	13-16 lph 99.4%R

XL-RL EDI modules for supply to whole labs, including DI loops. For University, Hospital, Biotechnology, and Industrial Labs.

XL-200-RL	200 lph
XL-100-RL	100 lph
XL-060-RL	60 lph



Zapwater™ EDI Specifications

Model: Zap-10-M or Zap-20-M
Product Flow: 10 or 20 lph, typical
Size: 23.5 x 7 cm (7 or 9 cm deep)
Material: FDA/CFR 21 Approved: PP, PPO, IX
Mounting: Threaded metric holes, M6
Plumbing Connections: John Guest push-in tubing
Standard: Metric: 6mm
Concentrate Flow: 3 or 6 lph, typical
Feed Quality: RO permeate, < 10 uS/cm TDS,
< 5 ppm CO₂
Recovery: 77% minimum
Pressure Drop: < 0.5 bar
Electrical: 24 or 48 VDC (0.75 amp maximum)
Power Supply Included
Controls: Power must be off unless there is flow to
the module

Pretreatment Cartridges (*replacement business)

- *Activated Carbon: Chlorine Scavenger
- *Cation Resin: Softener
- *Acid Neutralizer: CO₂ Scavenger
- *Macro Resin: Organic TOC Scavenger
- *1 micron Filtration: RO Protection

High Rejection RO Module

- *High Rejection Thin Film RO 16 lph (80 gpd)
99.4% Rejection Typical
ExcellLabRO™ by SnowPure
SXR-1812-HR

Polishing Cartridges*

- *Mixed Bed for ASTM Type I or JIS A4
- *Submicron Filter (UF, 0.05 micron)
UV (185/254nm)

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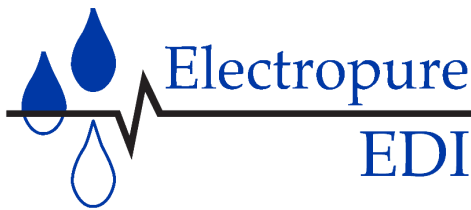
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Z Zapwater™ EDI



Electropure™ EDI Technology

- No concentrate recirculation or brine injection
- Thin-Cell efficient technology
- Thin-Concentrate non-scaling technology
- Unique non-scaling electrode system
- Patented Excellion™ membranes

Doing business with SnowPure

- Electropure™ EDI technology was born in 1977, before Ionpure
- SnowPure is privately held
- SnowPure is your partner, not a competitor
- High quality Electropure™ EDI training and OEM support

Benefits of Using EDI

- Continuous Process-no upsets
- Operating cost is minimized
- No hazardous waste, no associated costs and risks
- No regeneration acid or caustic
- Flexible—easy to expand a modular EDI system
- Reliable—no recirculation system components to fail

EDI Technology Training and OEM System Design Support

- SnowPure believes strongly in training—this helps ensure field success with Electropure™ EDI systems.
- SnowPure assists new OEM customers through their system design phase.
- Our customers also have access to our Best Practices P&ID's to aid in their EDI system optimization.
- Combined with ongoing Technical Service, we help ensure success.



www.snowpure.com