



**Electropure EDI**  
Simple EDI

## HIGH PURITY LABORATORY EDI: *Zapwater™*

Electropure™ EDI technology has now been brought down in size.

*Zapwater™* EDI modules are designed for small countertop or wall-mount laboratory water deionization products, which produce ASTM Type I & II, or JIS A2 to A4 water.

*Zapwater™* customers can expand their existing laboratory RO/DI/UF product lines to include an EDI-based product. It will be easy to incorporate the compact *Zapwater™* and small DC power supply into current laboratory countertop products.

*Zapwater™* modules produce ten or twenty liters per hour (10/20 lph) from a high quality pretreated RO feed. The module will produce at least 6 Megohm water at 77% recovery. Typical quality will be 10-17 Megohm.cm depending on feed water quality.

A high-quality DC switching power supply, shipped with the module, provides the voltage and current needed to drive the EDI process. The module is compact at 25 cm height by 7 cm width.

### Distribution:

SnowPure is choosing established standard product companies who design and manufacture laboratory pure water products to market the *Zapwater™* EDI in their countertop units.

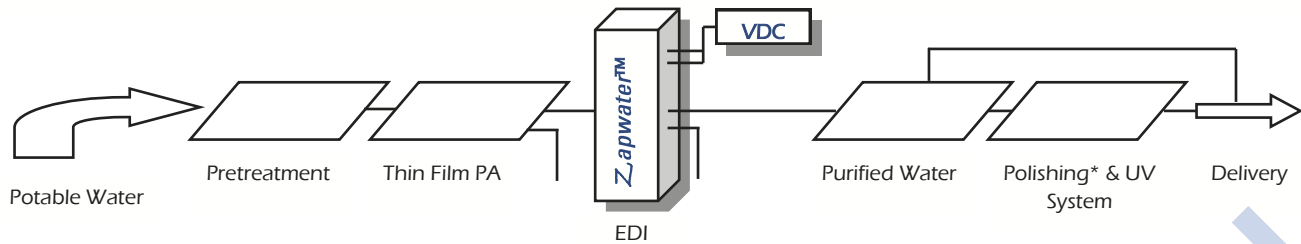


### *Zapwater™* Features

- ◇ Flow at 10 or 20 lph
- ◇ Quality > 6 Megohm.cm
- ◇ > 75% Recovery
- ◇ 24 or 48VDC switching power supply included
- ◇ Compact: 25 x 7 cm
- ◇ Connections: Metric Standard, US Optional

# System Design for Water Purification Products

## Using: Zapwater™ EDI



### Zapwater™ EDI Specifications

Model: Zap-10 or Zap-20  
Product Flow: 10 or 20 lph, typical  
Size: 25 x 7 cm (7 or 9 cm deep)  
Material: FDA/CFR 21 Approved: PP, PPO, IX Resin  
Mounting: Threaded metric holes, M6  
Plumbing Connections: John Guest push-in tubing fittings  
Standard: Metric: 6mm  
Concentrate Flow: 3 or 6 lph, typical  
Feed Quality: RO permeate, < 10 uS/cm TDS, < 5 ppm CO<sub>2</sub>  
Recovery: 77% minimum  
Pressure Drop: < 0.1 bar  
Electrical: 24 or 48 VDC (0.75 amp maximum) provided  
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: CO<sub>2</sub> Scavenger
- \*Macro Resin: Organic TOC Scavenger
- \*1 micron Filtration: RO Protection

### RO Module

- \*High Rejection Thin Film PA RO 13-16 lph (80 gpd)  
(High quality RO offered by SnowPure)

### Polishing Cartridges\*

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



Example: Laboratory Countertop System

**SnowPure, LLC**  
130 Calle Iglesia  
San Clemente, CA 92672, USA  
Tel: +1.949.240.2188  
[info@snowpure.com](mailto:info@snowpure.com)  
[www.snowpure.com](http://www.snowpure.com)

**SnowPure International, Ltd.**  
Hong Kong  
Tel: +852.95127229  
[info@snowpureintl.com](mailto:info@snowpureintl.com)  
[www.snowpureintl.com](http://www.snowpureintl.com)

**India (Authorized Distributor)**  
Evergreen Technologies Pvt. Ltd.  
3-D, Maker Bhavan-2  
18, New Marine Lines,  
Mumbai 400-020, India  
Tel: +91.2201.2461  
[info@evergreenindia.com](mailto:info@evergreenindia.com)  
[www.evergreenindia.com](http://www.evergreenindia.com)

**Japan (Authorized Distributor)**  
AMP Ionex / Mihama  
美浜株式会社  
Toranomon Kotohira Tower  
Minato-Ku 1-2-8 Toranomon  
Tokyo 105-8437, Japan  
Tel: +81.3.4570.3819  
[info-mhg3@mihama.com](mailto:info-mhg3@mihama.com)  
[www.mihama.com](http://www.mihama.com)

**Korea (Authorized Distributor)**  
Innomeditech, Inc.  
주식회사 이노메디텍  
1-707 Innoplex, 552, Woncheon-Dong  
Yeongtong-Gu, Suwon-Si,  
Gyeonggi-Do 443-823, Korea  
Tel: +82.31.8002.2500  
[ibkim@innomt.com](mailto:ibkim@innomt.com)  
[www.innomeditech.co.kr](http://www.innomeditech.co.kr)

**Nordic/Baltic (Authorized Distributor)**  
PWS Pure Water Scandinavia AB  
Kaserngården 4  
Falun 79140, Sweden  
Tel: +46.23.797990  
[lars.wiklund@purewater.se](mailto:lars.wiklund@purewater.se)  
[www.purewater.se](http://www.purewater.se)

**China Sales Office**  
Electropure Environmental  
Technology (Shanghai) Co. Ltd.  
伊乐科环保科技(上海)有限公司  
Room 3A-2, Bldg.1 No.16  
Lane 1977 Jinsha Jiang Road  
Shanghai 200-333, China  
Tel: +86.21.6167.1860  
[sds1235@163.com](mailto:sds1235@163.com)  
[www.electropure.com.cn](http://www.electropure.com.cn)