

# CON-SERV



## MANUFACTURING

Standard are the Obvious Con-Serv Qualities:

User Friendly ■ Quality Construction ■ Performance ■ Low Cost to Operate ■ Inexpensive to Purchase

## Electro-Deionization (EDI)



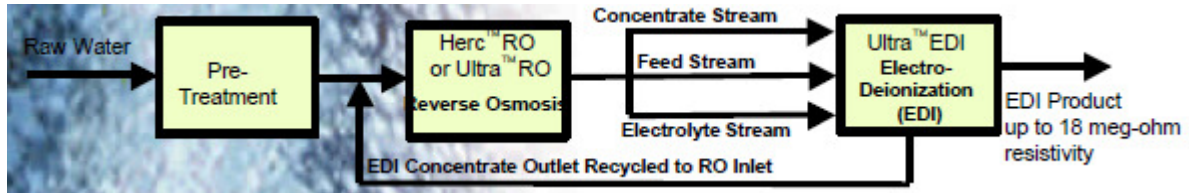
### Standard Features

- Adjustable DC Power Supply
- Automatic Low Feed Flow Alarm
- Sediment Prefilter
- Prefilter Pressure Gauges
- 316SS Pressure Gauges
- PVC and Polypropylene Piping and Valves
- Conductivity and Resistivity Meters
- Sample Valves
- Compact, Modular Design
- Product and Feed Flowmeters
- Leak-free design

### Optional Features

- pH, Temperature, TOC, Turbidity Instruments
- Special Color or Private Label
- Concentrate Stream Recycling
- CO<sub>2</sub> Removal Cartridge
- Clean-in-Place System
- Sanitary Piping and Fittings
- Crating

Typical Process Flow using Electro-Deionization (EDI) System



### System Specifications

MODEL	PRODUCTION		RECOVERY (%)	NUMBER OF EDI MODULES	POWER REQTS		APPROXIMATE SHIPPING DIMENSIONS (L x W x H) (inches)	WEIGHT (lbs/Kg)	APPROXIMATE SKID DIMENSIONS		WEIGHT (lbs/Kg)
	GPD	m <sup>3</sup> /D			60Hz	50Hz			(L x W x H) (cm)	(L x W x H) (inches)	
ULTRA-EDI-0.5	720	3	90-95	1	0.3	0.4	24 x 24 x 54	80/36	24 x 24 x 54	61 x 61 x 137	75/34
ULTRA-EDI-1	1,440	5	90-95	1	0.6	0.7	24 x 24 x 54	85/38	24 x 24 x 54	61 x 61 x 137	80/36
ULTRA-EDI-4	5,760	22	90-95	1	2	2	24 x 24 x 54	95/42	24 x 24 x 54	61 x 61 x 137	90/40
ULTRA-EDI-7	10,080	38	90-95	1	3	3	24 x 24 x 54	110/50	24 x 24 x 54	61 x 61 x 137	105/48
ULTRA-EDI-10	14,400	55	90-95	1	4	5	24 x 24 x 54	130/59	24 x 24 x 54	61 x 61 x 137	125/57
ULTRA-EDI-14	20,160	76	90-95	2	6	7	76 x 48 x 72	550/250	64 x 37 x 60	163 x 94 x 152	250/114
ULTRA-EDI-20	28,800	109	90-95	2	8	10	76 x 48 x 72	600/273	64 x 37 x 60	163 x 94 x 152	275/125
ULTRA-EDI-30	43,200	164	90-95	3	12	15	76 x 48 x 72	650/295	64 x 37 x 60	163 x 94 x 152	300/136
ULTRA-EDI-40	57,600	218	90-95	4	16	19	76 x 48 x 72	700/317	64 x 37 x 60	163 x 94 x 152	350/159
ULTRA-EDI-60	86,400	327	90-95	6	20	24	76 x 48 x 72	750/340	64 x 37 x 60	163 x 94 x 152	400/182
ULTRA-EDI-80	115,200	436	90-95	8	24	29	76 x 48 x 72	800/363	64 x 37 x 60	163 x 94 x 152	450/204
ULTRA-EDI-100	144,000	545	90-95	10	28	33	76 x 48 x 72	850/386	64 x 37 x 60	163 x 94 x 152	500/227
ULTRA-EDI-120	172,800	654	90-95	12	32	39	76 x 48 x 72	900/409	64 x 37 x 60	163 x 94 x 152	550/250

Contact our Application Engineers to Custom Design a Solution for your Project.

**Ultra™ EDI**