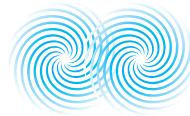
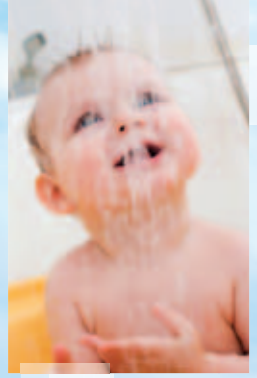


“Step into  
the future with  
clean water”



**ecoline**<sup>TM</sup>

WATER TREATMENT OF THE FUTURE

[www.ecoline.net.au](http://www.ecoline.net.au)



#### APPLICATIONS:

- ✓ Drinking water
- ✓ Recycled water
- ✓ Grey water
- ✓ Sewerage and wastewater
- ✓ Irrigation water
- ✓ Food processing plants
- ✓ Cooling towers
- ✓ Reverse osmosis / desalination
- ✓ Agricultural lagoons
- ✓ Swimming pools & water features

#### BENEFITS:

- ✓ Eliminate the dependence on commercial chlorine suppliers
- ✓ Avoid the risk inherent in the transport and handling of chlorine products
- ✓ Lower the operating costs
- ✓ Achieve a complete automatic process which requires minimal operator attendance



**ecoline™**  
WATER TREATMENT OF THE FUTURE

Fasteners for frame assembly

"O" Ring System  
(Joins module plumbing without glue)



PROUDLY  
MADE IN AUSTRALIA

## Ecoline™ = Water + Electricity

### **Ecoline™ is unique**

Winner in 2009 QLD Telstra Business Awards, 2009 Piscina Innovation Award, Finalist in the 2009 International Stevie Award for the Best Innovative Product of the Year and Gold Winner in 2009 International Gaia Awards, Ecoline™ is a new, revolutionary on-site in-line chlorine generation plant capable of producing chlorine in fresh water from the small amount of natural salts and minerals already existing in the water.

### **Ecoline™ is green**

Virtually eliminating the need for dangerous chemicals, Ecoline™ is a safe and environmentally friendly alternative to traditional water treatment. Green Building Scheme Pre-Assessment found this product highly likely to contribute to the achievement of Green Building rating tool credits.

### **Ecoline™ is versatile**

AIS have developed various designs to suit many applications. Ecoline™ can be retrofitted to any existing installation and automatically adjusts to suit the different water chemistry. Ecoline™ comes skid-mounted and pre-assembled for easy installation, or as a modular unit, allowing the system to be installed into confined places.

### **Ecoline™ is safe**

Ecoline™ eliminates chemical contamination risk to the environment and operator exposure to dangerous fumes. Australian made and designed, Ecoline™ is robust, reliable and comes with a three-year warranty.



PROUDLY  
MADE IN AUSTRALIA



## Fresh Water Electrolysers/Chlorine Generators; MFSRC Series

- Reverse Polarity (Reduced Maintenance)
- The Reversing Action De-Scales The Build-up Of Calcium And Reduces Electrode Cleaning Maintenance By 95%
- Powered By Switch Mode Power Supply (SMPS)
- Considerably More Efficient Than Transformer Powered Electrolysers/Chlorine Generators
- Expected Electrode Life – 75,000 Hours
- Build-in Acid Wash System
- Sealed, Internally Cooled Power Supply
- Modular Design (IP 66)
- TDS Range: 500 – 5,000 mg/L

Model	Chlorine Gas Equivalent*, g/h		Power Consumption**, kW		Minimum Water Flow, L/s		Pipe DN	Dimension (Packaged) (cm)	Weight Gross
	at 500 mg/L TDS	at 5000 mg/L TDS	at 500 mg/L TDS	at 5000 mg/L TDS	High Flow Model	Low Flow Model			
MFSRC-50	50	150	0.90	0.63	1.3	0.2	50	110 x 50 x 101	125
MFSRC-75	75	225	1.35	0.95	1.9	0.2	50	110 x 50 x 101	140
MFSRC-100	100	300	1.80	1.26	2.5	0.2	50	120 x 57 x 155	215
MFSRC-150	150	450	2.70	1.89	3.8	0.4	80	120 x 57 x 155	235
MFSRC-200	200	600	3.60	2.52	5.0	0.4	100	140 x 58 x 159	335
MFSRC-250	250	750	4.50	3.15	6.3	0.7	100	140 x 58 x 159	340
MFSRC-300	300	900	5.40	3.78	7.5	0.7	100	140 x 58 x 159	360
MFSRC-425	425	1275	7.65	5.36	10.6	1.2	125	167 x 75 x 159	510

NB: Larger capacity chlorine generators can be assembled on site from the multiple modules.

For full listing please visit [www.ecoline.net.au](http://www.ecoline.net.au)

\*at 38% of Chlorides in the TDS. Please note that pH greater than 7.5 increases chlorine demand.

\*\*at 25°C and specified high flow rates

Normal operation pressure up to 275 kPa, up to 1000 kPa can be built upon request

High Flow Models supplied by default, Low Flow Models available upon request

MFLSRC Series for under 38% of Chlorides and/or under 500 mg/L TDS are available upon request

Data provided in the table above to be used as a guide only



**ecoline™**  
WATER TREATMENT OF THE FUTURE



5 GAIA  
AWARDS  
2009  
GOLD



PROUDLY  
MADE IN AUSTRALIA



## Fresh Water Electrolysers/Chlorine Generators; FSRC Series

- Reverse Polarity (Reduced Maintenance)
- The Reversing Action De-scales The Build-up Of Calcium And Reduces Electrode Cleaning Maintenance By 95%
- Powered By Switch Mode Power Supply (SMPS)
- Considerably More Efficient Than Transformer Powered Electrolysers/Chlorine Generators
- Expected Electrode Life – 75,000 Hours
- Build-in Acid Wash System
- Sealed, Internally Cooled Power Supply
- Skid Mounted Design (IP 66)
- TDS Range: 500 – 5,000 mg/L

Model	Chlorine Gas Equivalent*, g/h		Power Consumption**, kW		Min Water Flow L/s	Pipe DN mm	Dimension (Packaged) L x W x H (cm)	Weight Gross Kg
	at 500 mg/L TDS	at 5000 mg/L TDS	at 500 mg/L TDS	at 5000 mg/L TDS				
FSRC-50	50	150	0.90	0.63	1.3	50	110 x 50 x 101	120
FSRC-75	75	225	1.35	0.95	1.9	50	110 x 50 x 101	135
FSRC-100	100	300	1.80	1.26	2.5	50	120 x 57 x 155	205
FSRC-150	150	450	2.70	1.89	3.8	80	120 x 57 x 155	225
FSRC-200	200	600	3.60	2.52	5.0	100	140 x 58 x 159	320
FSRC-250	250	750	4.50	3.15	6.3	100	140 x 58 x 159	325
FSRC-300	300	900	5.40	3.78	7.5	100	140 x 58 x 159	345
FSRC-425	425	1275	7.65	5.36	10.6	125	167 x 75 x 159	490
FSRC-500	500	1500	9.00	6.30	12.5	125	168 x 75 x 159	490
FSRC-600	600	1800	10.80	7.56	15.0	150	134 x 87 x 159	550
FSRC-850	850	2550	15.30	10.71	21.3	150	159 x 124 x 159	750
FSRC-1275	1275	3825	22.95	16.07	31.9	200	223 x 144 x 159	1165
FSRC-1700	1700	5100	30.60	21.42	42.5	250	186 x 184 x 159	1645

NB: Larger capacity models are available upon request. For full listing please visit [www.ecoline.net.au](http://www.ecoline.net.au)

\*at 38% of Chlorides in the TDS. Please note that pH greater than 7.5 increases chlorine demand.

\*\*at 25°C and specified flow rate.

Normal operation pressure up to 275 kPa, up to 1000 kPa can be built upon request

FLSRC Series for under 38% of Chlorides and/or under 500 mg/L TDS are available upon request

Data provided in the table above to be used as a guide only