

# E-CL1-8-F3 Chlorine Dosing System

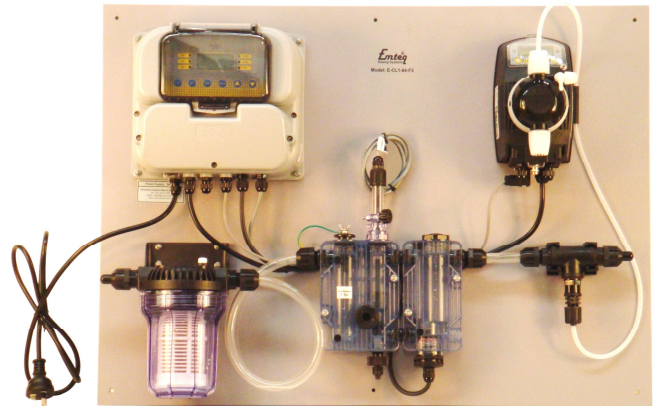
## With Free Chlorine Analyser & Dosing Pump



The AQUA Chlorine Dosing System is a fully engineered measurement and dosing control package for the chlorination of water in the range of 0 to 10ppm. The system uses the proven amperometric principle for measurement of free chlorine.

The AW-96 controller and the A-CG5 cell with integral flow regulator and sensor combine to provide a safe dosing system that is easy to operate and maintain.

- ◆ Amperometric cell with integral flow control.
- ◆ Option for pH Measurement or control.
- ◆ Option for auto de-gassing pump head.
- ◆ Option for 2<sup>nd</sup> pump for duty/stand-by or for pH control.
- ◆ Option for proportional control.
- ◆ Dosing rates from 0.1 l/hr to 10 l/hr.
- ◆ Pressures: 4 Bar (std), up to 12 Bar (Option).
- ◆ IP-65 Protection.
- ◆ Dosing interlock on loss of sample water flow.
- ◆ Includes pump accessories and mounting kit.
- ◆ Self Cleaning Cell with glass balls.
- ◆ Simple calibration routine.
- ◆ Integral flow regulation.
- ◆ Isolated 4-20mA output for recording.
- ◆ PVDF pump head.



### Specifications:

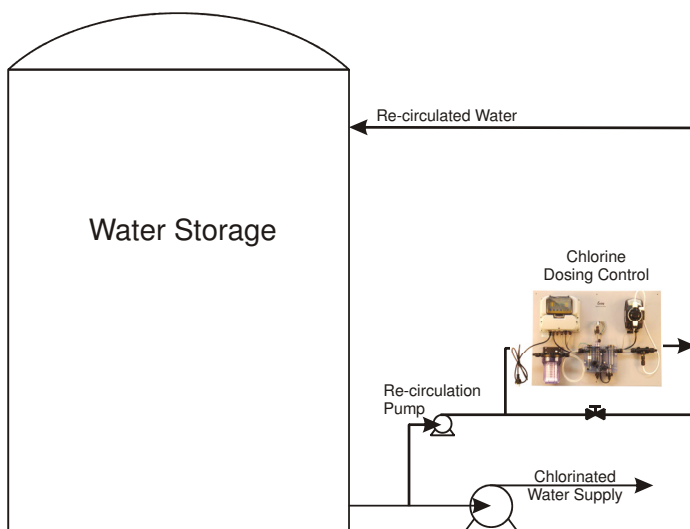
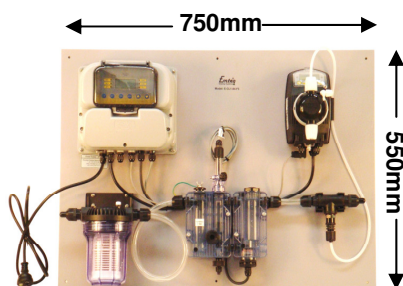
Measurement:	Amperometric (A-CG5)
Electrodes:	Platinum/Copper.
Range:	0-10 ppm
Display:	4 Digit LCD
Outputs:	2x 4-20mA 3x Relay (5A, 250 Vac)
Power Supply:	240 Vac, 50 Hz
Dose Rate:	refer to pump data
Filter:	80 Micron.
Water Flow Rate:	40-50 l/hr
Connections:	1/2" BSP-F & 10x14 Tube
Control Method:	On/Off or Proportional.
Temperature:	5-60°C
Pressure:	5 Bar max

### Dose Rates:

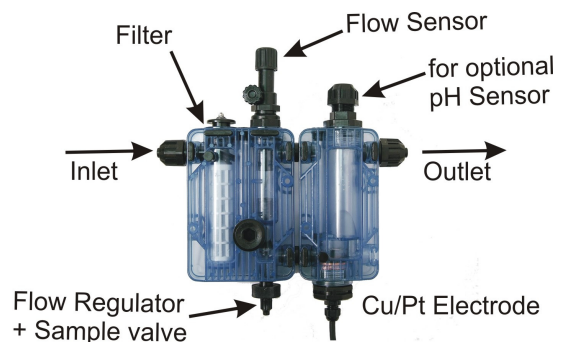
HC897-1 (l/hr - Bar)	2 - 8, 5 - 5, 7 - 2.
HC897-2 (l/hr - Bar)	7 - 4, 8 - 2, 10 - 0.
HC897-3 (l/hr - Bar)	3 - 12, 4 - 10, 5 - 8.
HC897-4 (l/hr - Bar)	10 - 4, 12 - 2, 14 - 0.

### Options:

- Proportional Dosing
- Electrolytic Cell Sensor
- 5" basket pre-filter
- Self Cleaning pre-filter



**Typical Installation**



**A-CG5 Amperometric Cell**