

E-CL6-8-F3 Chlorine Dosing System

With pH Correction and Turbidity Measurement

The Emteq Chlorine Dosing Systems are fully engineered measurement and dosing control packages 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 controller that is easy to operate and maintain.

- ◆ Amperometric cell with integral flow control.
- ◆ pH Measurement for monitoring and control.
- ◆ Turbidity measurement for performance or compliance monitoring.
- ◆ Option for auto de-gassing pump head.
- ◆ Option for 2nd pump for pH control.
- ◆ Option for proportional control instead of On/Off.
- ◆ Dosing rates from 0.1 l/hr to 10 l/hr.
- ◆ Pressures: Atmospheric with options for raised pressures.
- ◆ 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.
- ◆ Option for self cleaning pre-filter



Specifications:

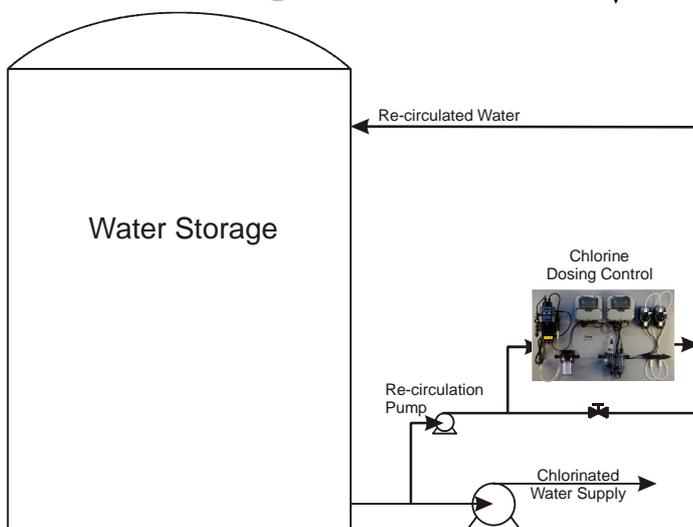
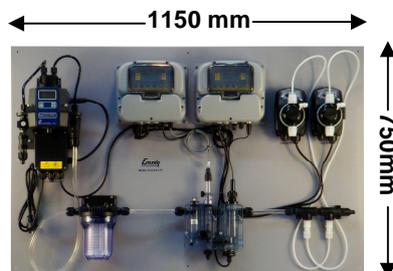
Measurement:	Cl ppm, pH and Turbidity (NTU)
Ranges:	0-10 ppm, 1-14pH and 0-10(100) NTU
Displays:	3x 4 Digit LCD
Outputs:	3x 4-20mA + 8x Relays
Power Supply:	240 Vac, 50 Hz
Dose Rate:	refer to pump data
Filter:	80 Micron.
Water Flow Rate:	40-60 l/hr
Connections:	1/2" BSP-F & 10x14 Tube
Control Method:	On/Off or Proportional.
Temperature:	5-60°C

Dose Rates:

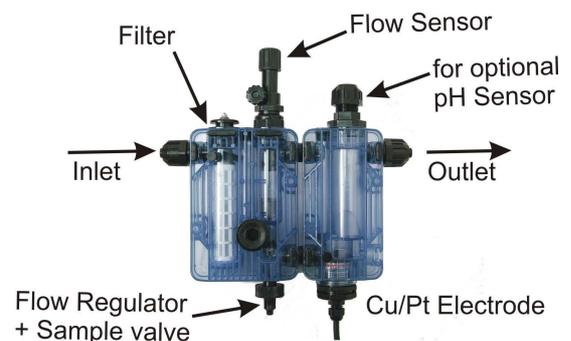
HC897-1 (l/hr - Bar)	2 - 8, 5 - 5, 7 - 2.
HC897-2 (l/hr - Bar)	7 - 4, 8 - 2, 10 - 0.
HC897-3 (l/hr - Bar)	3 - 12, 4 - 10, 5 - 8.
HC897-4 (l/hr - Bar)	10 - 4, 12 - 2, 14 - 0.

Options:

Proportional Dosing (HC997 instead of 897).
 Electrolytic Cell Sensor.
 5" basket pre-filter.
 Self Cleaning pre-filter.
 Data logging and remote access.



Typical Installation



A-CG5 Amperometric Cell