

Introduction:
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-CG3 cell with integral flow regulator and sensor combine to provide a safe dosing system that is easy to operate and maintain.

General Notes:

- Amperometric cell with integral flow control.
- Option for pH Measurement and Control.
- IP-65 Protection.
- Dosing interlock on loss of water flow.
- Includes pump accessories and mounting kit.
- Self Cleaning Cell with glass balls
- Simple automated calibration routine.
- Integral flow regulation.

General Specification on Panel

- Connections: ½" BSP F & 10x14mm Tube
- Temperature: 5-60°
- Pressure: 5 Bar Max
- Dimensions: 750mm (w) by 550mm (h)

AW96 Free Chlorine Analyser

- Range: 0-10 ppm
- Resolution: 0.00 ppm
- Display: 4 Digit LCD
- Power Supply: 240VAC 50Hz
- Relays Outputs: 3 off Configurable Setpoints
- Analogue Outputs: 2 off 4-20mA (Proportional & Recording)
- Control Method: Proportional via 4-20mA, Proportional via relay (Pulse Width Modulation) On/Off via relay

A-CG3 Amperometric Chlorine Cell

- Measurement: Amperometric
- Electrodes: Platinum / Copper
- Material: Plexiglas
- Sample Flow Rate: 40 l/hr (flow regulator)
- Max pressure: 5 bar
- Temperature: 5-60°C
- Optional: Flow Switch (Proximity Type)

HC1 Solenoid Driven Diaphragm Dosing Pump

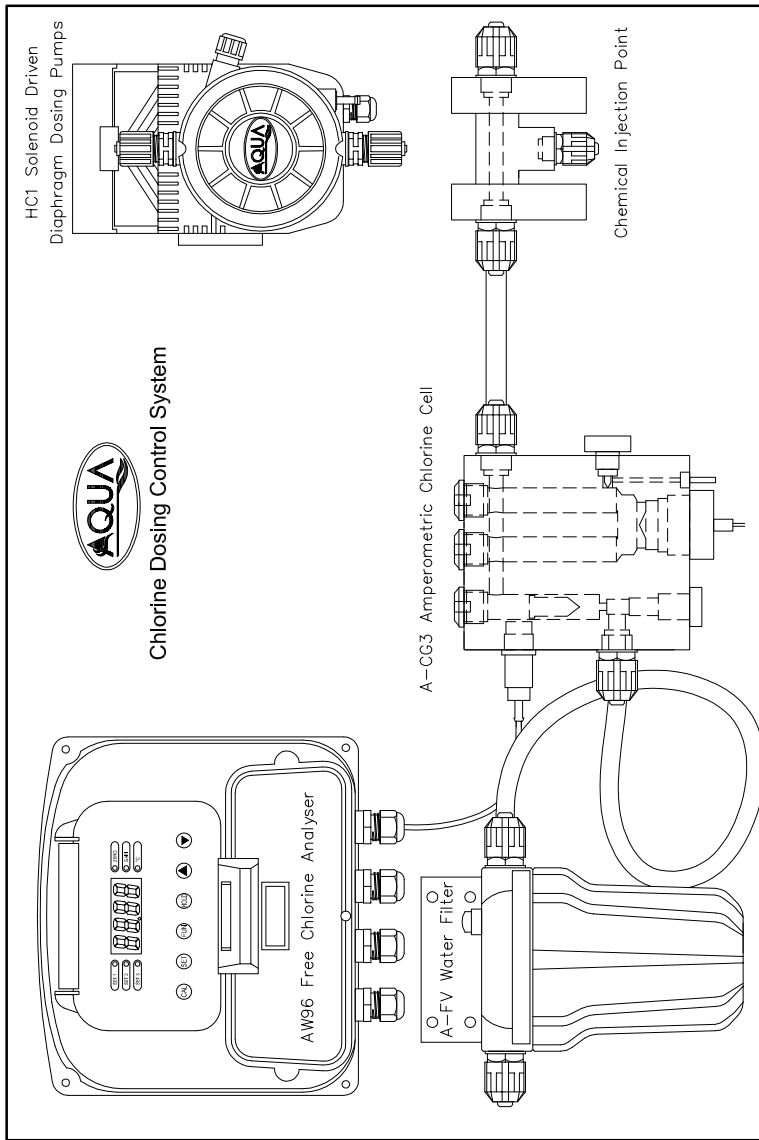
- Model: HC100C 05.08
- Flow / Pressure: 5 l/hr @ 8 bar, 7 l/hr @ 4 bar, 10 l/hr @ 1 bar
- Wetted Parts: PP, PTFE, Viton and Hastelloy C
- Frequency: 105 strokes per minute
- Optional: Auto De-gassing Head

A-FV Water Filter

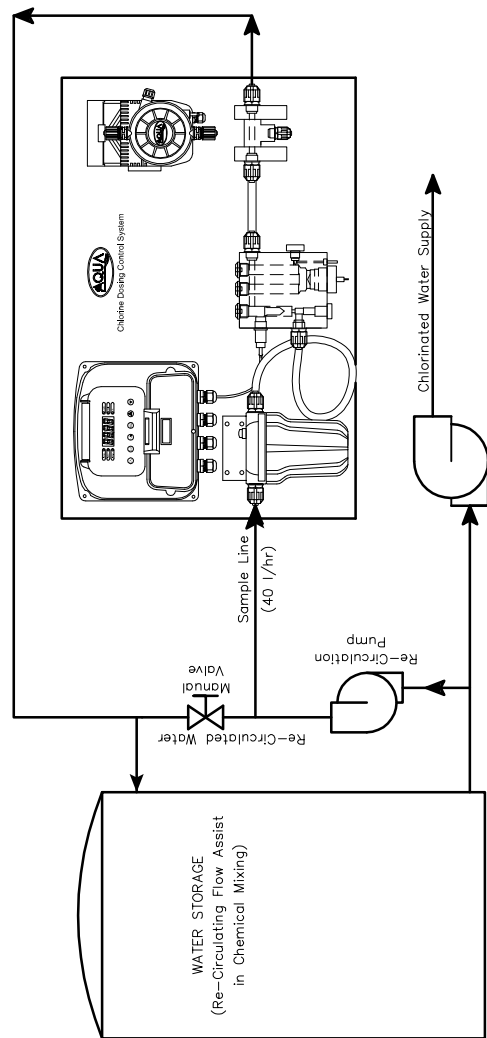
80 Micron



Chlorine Dosing Control System



CHLORINE DOSING CONTROL SYSTEM



TYPICAL INSTALLATION

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