

Controller for ionexchange plants

- Menu-driven programming using a "two line" LCD display.
- Choice of languages.
- Adaptation to user specific requirements through integrated programmed options.
- Simple control utilising easy to follow symbols.
- Suitable for both Single column and Double column installation.
- Universally implementable for remote control of control valves and pilot valves.
- Programable capacities from 0.1 up to 9999 m³.
- Possibility of programming a service telephone number.
- Activation by either; flow, time delay, external contact, manual control or clock.
- Time delayed regeneration.
- Substantial status information employing INFO key: total regeneration time, remaining regeneration time, additional program routine (initiation, switching time, remaining functioning time), filter capacity, total softened water capacity, current in- and output status, software version, fixed time interval, delayed regeneration, service telephone number.
- Additional functions for service personnel; fast flow, filter exchange without program initiation, regeneration of the standby filter.



Type ES2051

- Large green LED display for the amount available of softened water.
 - Adaptable communication link with the central control post.
 - Input signal connections; water meter, external initiation (ie. an external hardness monitoring equipment), regeneration stop, regeneration monitoring.
 - Output signal connections; 2 remote control valves with zero flow pulse, 2 main isolating valves, 1 additional program routine, regeneration, flow rate, status and defect monitoring contacts.
 - Security of program information against supply failure, as all program information is stored without accu.
 - Large capacity microprocessor with "Watchdog", illegal "Operation code" and frequency monitoring.
 - Manufactured in accordance with EMC codes of practice; through galvanic isolation between the microprocessor and the in- and output circuits, as well as the integration of an extra interference filter.
- Available (input /output) :
- Wall mounted :
 - 24/24V, 115/115V, 230/230V
 - 115/24V, 230/24V en 240/24V
 - Panel mounted :
 - 24/24V, 115/115V, 230/230V