



Water Engineering in Motion

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ProductDataSheet



The KGN Pillinger “SEM” Electronic range of Pressurisation Units are self-contained, fully automatic, PLC controlled and designed to maintain the required systems pressure in both heating and chilled water systems.

Advantages of a sealed system

- Elimination of corrosion due to the lack of contact between air and water within the system
- Automatically pumps water into systems to maintain initial correct system pressure
- Eliminates the need for a large tank within the roof space of a building

Design

All incorporate bronze pump(s) and are housed in a steel cabinet suitable for floor standing or wall mounting.

SEM

Features

- PLC controller
- Twin fill pumps
- Pipework: Nylon push fit
- Pump protection: MCB(s)
- Tank low level cut off switch
- Break tank
- Designed for system pressure up to 4 bar
- Automatic pump duty changeover per operation (twin pump unit)
- An expansion vessel can be calculated and supplied upon request
- Common fault volt free signal
- Visual Indications: Illuminated mains on switch and visual readout on PLC
- Visual indications: Gauge showing system pressure and visual readout on PLC



Dimensions

Width: 335 mm

Depth: 163 mm

Height: 301 mm

Please contact our sales team for further information on these and the complete range of KGN Pillinger water boosting equipment, pressurisation units and stainless steel fabrication.