



Water Engineering in Motion

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ProductDataSheet



Pressurisation Units

PU171 HL & PU271

The KGN Pillinger “PU” Electronic range of Pressurisation Units are base plate mounted, fully automatic, PLC controlled and designed to maintain the required systems pressure in both heating and chilled water systems.

Advantages of 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 mounted on a base plate suitable for floor standing or wall mounting (wall brackets on request).

PU171: Single pump system

PU271: Twin pump system

Features

- PLC controller
- Bronze fill pumps
- Pipework: Nylon push fit
- Pump protection: MCB(s)
- Tank low level cut off switch
- Break tank: One 18 litres (4 gallons)
- Designed for system pressure up to 6 bar
- Automatic pump duty changeover per operation (twin pump unit)
- An expansion vessel can be calculated and supplied upon request
- Facility for individual volt free contacts for common fault, high and low pressure
- Visual indications: Gauge showing system pressure and visual readout on PLC
- Pre-assembled with terminal high and low pressure cut out for boiler and chiller interface
- Polypropylene tank incorporating type ‘AB’ air gap, ball/float valve (DN15 BS21) and overflow (DN22 BS21)



Dimensions

Width: 660 mm

Depth: 450 mm

Height: 580 mm

Electrical

Watts: 0.75 kW

Volts: 240 V or 400 V

Amps: 3.41 A or 1.59 A

Weight

PU 171: 24 kg

PU 271: 29 kg

Please contact our sales team for prices and further information on these and other pressurisation units within our range including Spill Fill and High Pressure Systems.