

## TOWN MAIN PRESSURISER

This product is designed to keep the pressure on the sprinkler system side of a town main fire sprinkler alarm valve above a surging main below. It helps prevent mains surges causing false alarms. It offers significant installation, cost and servicing benefits over installing vertical multistage pumps.

The pump will deliver up to 4 bars over the pressure on the suction/ mains side, controlled by an FM approved pressure switch for automatic operation, with safe live adjustment and visual set and reset scale.

The product is fully pre-wired with a 1 metre lead and plug, it has been designed for fast installation with the reduction of on site pipework and potentially the eradication of any electrical work by the sprinkler contractor.

Complies with Water Authority regulations for class II fluids in sprinkler systems fed by a towns mains supply.

### Product Features

- **4 Bar pump** ( $\approx$  3.5 bars + mains on suction side)
- **LED indicators** power good, & pump on demand
- **Pre-wired**; with incoming power good LED, 1 metre of cable to a mains plug.
- **Continuously rated pump**
- **Strainer**; protects the impeller from damage
- **12 litre/ minute delivery max**; compliance with water regulations
- **Vertical pipework**; the product can fit neatly around an alarm valve with minimal extra pipework
- **Isolation valve and unions** for easy pump servicing/ replacement
- **Wall mounting**; only 4 x M10 bolts
- **Spare 1/2" port**; option to fit ancillaries e.g. gauge/ test valve
- **Accessibility** simple to access all valves, purge nipple and strainer for easy operation/ service
- **Brushed Aluminium panel**; neat appearance with extensive & informative labelling
- **Backflow prevention**; NRV in accordance with water regulations

Grifen can set up pressures prior to dispatch - please specify at order stage. The restricted ball valve can be agitated at service intervals to clear any debris without dismantling the pipework.

- **FM approved pressure switch** with external adjustment and visual scale for set pressure and differential— safe adjustment with a cover to reduce tampering. This switch is not only approved by Factory Mutual, it sets a new standard in ease of setting and operating a jockey pump (see inset photo). We are always finding new ways to improve your systems and save your engineers time on site. Crucially this enables safe live adjustment and a simple visual check.



Technical Data: Town main pressuriser				CE
Operating Conditions		Product Options		
Max Delivered Pressure	$\approx$ 4 bars + mains	IP 55 lockable isolator		Higher pressure pumps
Max pressure	10 bars	Pressure gauge + No loss connector		P Max recording gauge
Max flow (ball valve closed)	$\leq$ 12 l/min	Test valve		Pressure gauge
Temperature	4°C to 35°C			Please call for advice or a quote.
System Limits	Max delivered pressure: $\approx$ 4 bars above the towns mains (controlled by the pressure switch)			
Dimensions	Height: 700mm x Width: 350mm x Depth: 180mm Weight: 12kg			
Motor & pump	4 bar 230VAC, 0.37kW, 0.5HP, Internal Thermal Protection. Totally enclosed fan cooled IP44			
Connections	Top side 1/2"; Suction/ Inlet 1/2" ; Mountings: 4 x M10			