

GRIFEN sprinkler solutions

AUTOMA8_N

***EUROPE'S FIRST AUTOMATED FIRE
SPRINKLER PUMP SYSTEM
FOR EN12845***



***EUROPE'S MOST ADVANCED, MOST
APPROVED PRE-PACKAGED
PUMP SYSTEM***

AUTOMA8™

This pre-packaged system enables automation of the fire sprinkler pump room, with recording of test results and pump room events with text email reporting of all EN12845 weekly test card requirements, and visual checks normally carried out by humans

The system removes human error, enables vast cost savings for contractors and clients and eliminated the carbon footprint of the weekly visit and recycles all water.

AUTOMA8™ is available as a new fire pump installation or retrofit, both benefit from pre-packaged solutions with full monitoring and pressure analysis.

Intelligent fire pump checking; additional pump cooling when required, technical checking of fire pump running signal.

Monitoring provides peace of mind that the system is fully tested and operational every week. A simple visit to the pump room and entering of a code starts the weekly automatic procedure, the operator name and results are sent via email when complete. An optional reception area key switch allows total visual checking, remote operation and manual shutdown from next to the fire alarm panel

OTHER KEY FEATURES

A simple touch screen display transforms all tasks for operators familiar or unfamiliar with a pump room.

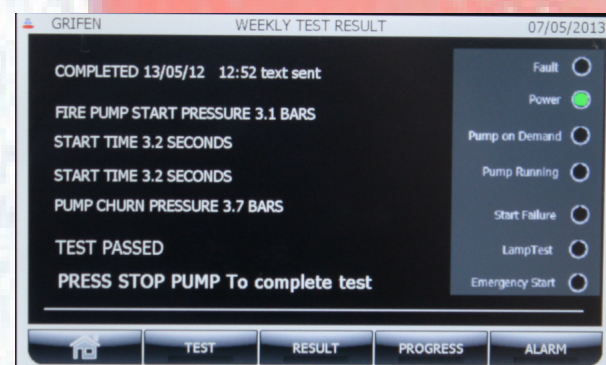
All the key valves are monitored and checked giving you the most secure system possible

The results that need to be recorded are displayed in an easy to understand way on the digital display.

Server based technology allows GRIFEN to dial in and do real time status checks of your system.

Palletised base plate system for simple installation in very small spaces and simple location.

The system is designed to fit through a standard doorway, saving the cost of building a pump room



RETROFIT

Simply convert an existing fire sprinkler and jockey pump to an intelligent automated system to improve productivity, save CO2 and save water

Prewired components can be added to an existing pump room with some simple pipe modifications enabling off site monitoring and automation of the weekly test to be carried out on older pump systems including updating BS 5306 systems and offering clients valuable green credentials as they upgrade their systems

APPROVALS

The most approved pump system in Europe for EN12845 with all major components carrying fire sprinkler system 3rd party certification;

LPCB approved Armstrong fire pumps

LPCB, FM and VdS approved Victaulic fire protection products

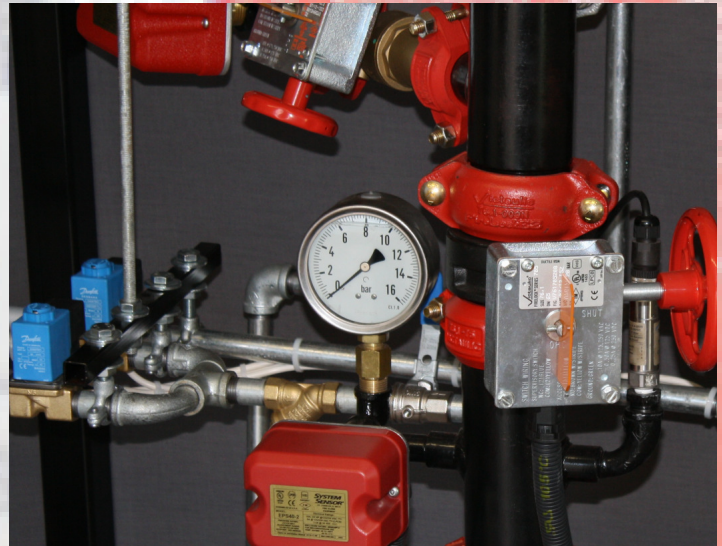
UL listing is also on most of the key components

WATER SAVING

Fire sprinkler systems traditionally use vast amounts of water during weekly testing (OH1-15m discharges 88l/min just through its cooling line. No water is discharged to drain and 100% is recycled back to the tank. Automatic flow checking is carried out ensuring all human visual checks are carried out by technology

Drain lines are all, pre-piped saving valuable pump room space giving valuable space back to your client. Space cost money for your client forever, using this system you can give them that space back.

If an unintentional fire pump start occurs all the water capacity is secure until the pump is switched off. An email alert will warn of the fire pump starting, along with its running pressure



REDUCED VIBRATION

To protect your investment, anti vibration systems are used throughout the product to protect the intelligently controlled systems.

Reduced vibration to building structures is of great importance in hotels and other noise sensitive sites where the pump room is located within the building structure. Victaulic installation ready couplings provide vibration attenuation within the pipe system

INNOVATIONS & TECH SPEC

No compromises are made with the technical detail;

A Victaulic LPCB approved pump delivery non return valve is used, the only approved valve on the market with a 10 year between service maintenance interval.

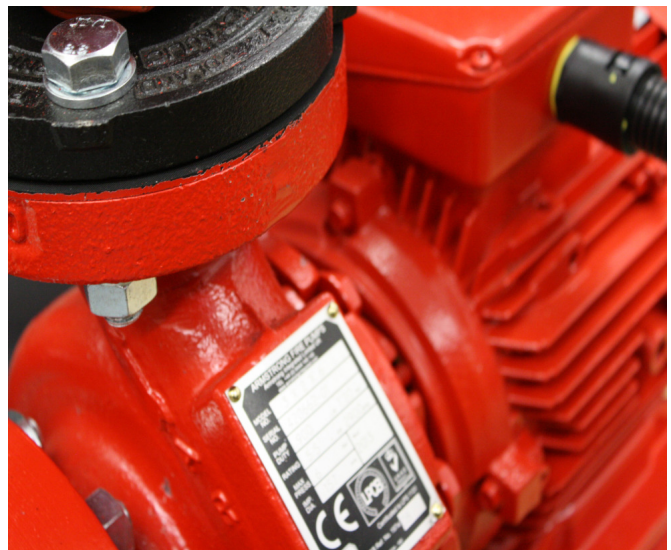
No gate valves are listed with LPCB approval, so we have chosen an FM approved gate valve with an FM, LPCB approved position monitor. The delivery butterfly carries all the major sprinkler approvals and is monitored as standard

High accuracy pressure transducers are used to monitor suction pressure, pump start pressure (under check valve) and delivered pressure (above check valve)

All the EN12845 regulations and LPCB TB regulations are met and enables automation of the pump room, with a far higher standard of system checking

The initiation system is automatic and can provide additional intelligent pump cooling

HAZARD CLASS	Motor (kW)
OH1 15m	5.5.
OH1 30m	15
OH1 45m	30
OH2 15m	15
OH2 30m	22
OH2 45m	30
OH3 15m	15
OH3 30m	22
OH3 45m	37



Our product line will be expanding to include valve-set testing and diesel engines will follow.

GRIFEN sprinkler solutions key suppliers for **AUTOMAS**



Fire protection products supplying LPCB, FM VdS approved fire sprinkler products



FIRE PUMPS supplying LPCB approved fire pumps



PLCs, touch screens, GSM modems enabling intelligence and off site analysis

GRIFEN sprinkler solutions

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