



**A PROVEN AND VERSATILE GAS INTERLOCKING SYSTEM TO BS6173 REQUIREMENTS OFFERING MAXIMUM PROTECTION AGAINST CARBON MONOXIDE POISONING.**

The basic system consists of a wall mounted control panel, solenoid valve or proving valve, depending on application requirements, and Carbon Monoxide detector.

#### DIMENSIONS

Height 180mm · Width 143mm · Depth 74mm

This unique system provides either basic interlocking or full gas system integrity checking and detects all levels of leaks unlike other systems using weep bypass methods.

BS6173 dictates that the extraction system in a commercial kitchen must be on and running effectively before allowing a gas supply to the appliances.

The GasGuard IV is quick and easy to install and does not require Corgi engineers for commissioning or extra pipe work for weep-by-pass venting.

It has both proving and non proving facilities.

#### OPERATION

Airflow within the extraction system is detected by either an airflow switch or current detector (both supplied by Flamefast). Providing that airflow is detected at an acceptable rate, gas will be allowed to flow upon turning on the system with the keyswitch.

#### INTERFACES

Other external interfaces may be connected such as Fire Alarm, remote emergency stop, natural/LPG gas/carbon monoxide detectors and fire suppression systems.

#### Remote Emergency Stop Button

Additional Emergency Stops can be fitted remotely to the control panel to isolate the gas supply immediately in the event of an emergency.

#### Fire Alarm

The Gasguard IV system has a Fire Alarm interface fitted as standard.

#### Extraction Systems BS6173

The system can easily be interfaced to a kitchen extraction system using a Flamefast differential pressure switch or Current Monitor system. The system software has a time delay built in as standard to avoid nuisance tripping on windy days.

#### Gas Detector Interface

The system is supplied with a dedicated Gas Detector Interface

#### Fire Suppression

The Gasguard IV allows the fire suppression system to terminate the gas supply upon activation.

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