

# Commercial Kitchen Gas Safety

Gas Safety Solutions



**Protects kitchen employees from exposure to harmful gases**



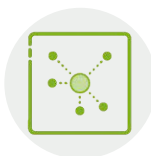
**Automatic emergency utility shutdown in alarm**



**Keyed ON/OFF authority over utilities**



**Monitor your fans to ensure efficient ventilation in the kitchen**



**Connectivity to BMS or fire alarm system**



**Clear LEDs display system indications**



**Emergency shutdown solutions**



**Fully tested and UL listed solutions**

## Products



**Gas Detection**

Carbon Monoxide & Combustible Gas



**Kitchen Controls**

Key Authority, Fan Interlocks & Auto Alarm Shutdown



**Panic Buttons**

Manual Shutdown



**Fan Monitors**

Pressure Switches & Current Monitors



**Connectivity**

Auto Shutdown The Kitchen Gas In A Fire Emergency

# Overview of Solutions



## Hazardous Gas Detection

**Carbon Monoxide** - Carbon monoxide is a poisonous gas that is a by product of combusted natural gas. It's undetectable by human senses and is immensely poisonous to human beings.

**Natural Gas** - A natural gas leak can cause a catastrophic explosion leading to damaged property and risk to human life.

**CO2** - Carbon dioxide is a by product of combusting natural gas. It has effects on employees at high levels including headache, dizziness, weakness, confusion.



## Emergency Gas Shutdown

Multiple dry contact signals from CGS products or others can be used to automatically shutdown the gas solenoid valve.

Emergency Panic Buttons

Fire Alarm

Gas Detectors

Fan Fault



## Key Lock Authority

In most commercial kitchens, the only thing controlling the gas supply is a manual ball valve and anyone can enter the room and turn the gas on or off. If there is an emergency, you have to find and manually turn off the valve.

**Contact Canadian Gas Safety for free design consultancy and application support**

Find out more  
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