

# VENTGUARD

## VENTILATION INTERLOCK



### | OVERVIEW |

The VentGuard is a cost effective BS6173:2009 and IGEN/UP/19 compliant ventilation interlock. The clear LED indication and simple user interface make it ideal for any commercial kitchen.

With dedicated interfaces and LEDs for the intake and extract fans, the VentGuard will provide an indication of any ventilation issues however will not shut down the gas supply until the ventilation has not been operating for a full 30 seconds to avoid any nuisance tripping.

### | KEY FEATURES |

- Clear LED indication
- No commissioning required
- Interfaces for:
  - Intake Fan, Extract Fan, CO2 Monitors, Remote Emergency Stop Buttons
- Mains rated status relay for external monitoring
- Built in time delays to avoid nuisance tripping
- **5 Year Warranty**
- **UK MANUFACTURED**

### Dimensions

Height	180 mm
Width	130 mm
Depth	60 mm / 65 mm including Stop & Key Switch

### Technical Specification

Power Supply	100 - 240VAC 50/60Hz
Consumption (Max)	50W
Power Output	Gas Solenoid      Switched Mains
IP Rating	IP65
Approval	CE

### External Device Interfaces

Valve Status	SPDT - 5A @ 240V Max
CO2 Sensor	24V Signal to monitor external VFC
Intake Fan	24V Signal to monitor external VFC
Extract Fan	24V Signal to monitor external VFC
Remote Stop	24V Signal to monitor external VFC

### Basic Operation

The VentGuard has a simple key switch operated ON/OFF function and a panel mounted flush emergency stop button to avoid accidental operation.

Turning the key to the ON position will enable the gas supply providing the remote emergency stop and CO2M interfaces are not in alarm.

If the intake or extract fan are not in operation the panel will still allow gas through until they have been open circuit for a full 30 seconds. As some systems use the valve status to enable the fans this will allow the fans to get up to speed and provide a healthy signal to the VentGuard without any issues.

### Part Numbers & Options/Accessories

Part No	Description
VG-PO	VentGuard Panel
VG-DP2	VentGuard Panel c/w 2 Air DP Switches