



| OVERVIEW |

The VentGuard Plus is a cost effective BS6173:2009 and IGEM/UP/19 compliant ventilation interlock, with built in fan current monitors for the intake and extract fans however can still be used with Air DP Switches.

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
- Integral 2 Channel Fan Current Monitor
- Interfaces for:
 - Intake Fan DP, Extract Fan DP, CO2 Sensors, Remote Emergency Stop Buttons
- Mains rated status relay for external monitoring
- Built in time delays to avoid nuisance tripping
- **5 Year Warranty**
- **UK MANUFACTURED**

VENTGUARD PLUS

INTEGRAL FAN CURRENT MONITOR

Dimensions

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

Technical Specification

| | |
|--------------------|----------------------------------|
| Power Supply | 100 - 240 VAC 50/60Hz |
| Power Consumption | 50W Max |
| Fan Current Rating | 0.2 - 15A @ 230V |
| Power Output | Gas Solenoid Switched Mains |
| IP Rating | IP65 |
| Approval | CE, UKCA |

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.

The panel has interfaces for air DP switches as well as having integral fan current monitors for both the intake and extract. Each channel can be easily setup using the range select jumper (for greater accuracy) and a potentiometer for fine tuning.

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 |
|---------|--------------------------------------|
| VGP-PO | VentGuard Plus Panel |
| VGP-DP1 | VentGuard Plus c/w 1no Air DP Switch |
| VGP-DP2 | VentGuard Plus c/w 2no Air DP Switch |