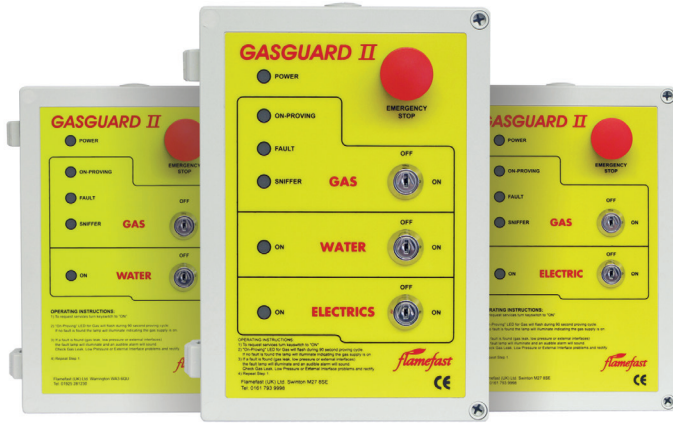


GasGuard II Services Isolation System



used independently with the added peace of mind that there is only one stop button to press in an emergency.

The GasGuard II can be used to isolate all services when the room is vacant to protect the area from misuse or vandalism.

| Key Features |

- No commissioning required
- 24VDC auxiliary power output
- Interfaces for; Gas Sensors, CO2 Monitors, Ventilation interlocks, Building Management Systems (BMS), Remote Emergency Stop Buttons & Fire Alarm Systems
- Built in time delays to avoid nuisance tripping
- Three options available;
 - o Gas, Water & Electric Isolation
 - o Gas & Water Isolation
 - o Gas & Electric Isolation
- **UK MANUFACTURED**

| Overview |

The GasGuard II gas proving and services isolation system is designed to meet the requirements of IGEN/UP/11 Edition 2 for gas safety and provide complete control for the water and electric supplies.

With a dedicated key switch operated 230VAC output for each service, the Gas, Water & Electric supplies can all be

Installer Selectable Options

- Gas Availability Timer (1-9 Hours or Constant)

Technical Specification

| | |
|--------------|---|
| Power Supply | 230VAC |
| Power Output | Gas Solenoid 230VAC Water Solenoid 230VAC Electrical Contactor 230VAC |
| IP Rating | IP65 (Providing rear entry sealed) |
| Approval | CE |

External Device Interfaces

| | |
|-------------|---|
| BMS | Volt Free Contact (Valve Status) – Rated 1A @ 24V |
| Pressure | Monitors Flamefast Proving Assembly |
| 24V Out | Auxiliary Power Supply (170mA Max) (to be used for Gas Sensors, Transmitters etc.) |
| 0-10V In | Monitors Flamefast CO2T |
| Gas Sensor | 24V Signal to monitor external VFC |
| Ventilation | 24V Signal to monitor external VFC |
| Remote Stop | 24V Signal to monitor external VFC |
| Fire Alarm | 24V Signal to monitor external VFC |

Dimensions

| | |
|--------|--------------------------------------|
| Height | 255 mm |
| Width | 175 mm / 185 mm Including Hinge |
| Depth | 77 mm / 102 mm Including Stop Button |

Basic Operation

When switched on via the key switch the GasGuard II system pressurises the gas pipework then performs an integrity check to ensure that no downstream outlets or appliances have been left open/on.

Upon receiving a fault signal from any external devices, the GasGuard will ensure that the gas is isolated to prevent any potential issues.

The water and electric control is provided as a direct key switch operated output to power external water solenoid valves or electrical contactors.

Part Numbers & Options/Accessories

| Part No | Description |
|-----------|---|
| GG2-PR00 | GasGuard II (Gas, Water & Elec) c/w Proving Assy |
| GG2E-PR00 | GasGuard II Panel (Gas & Elec) c/w Proving Assy |
| GG2W-PR00 | GasGuard II Panel (Gas & Water) c/w Proving Assy |
| SVXX | Gas Solenoid Valve (See Datasheet for Part No.) |
| WVXX | Water Solenoid Valve (See Datasheet for Part No.) |