

## Gas Minder Control Box



Sentinel Gas minder control box  
IP56 240V ac 5 amp

### Description:

The sentinel gas minder is designed to ensure that there is no gas flow to burners unless air extraction is present. The unit is housed in an IP56 rated enclosure and is designed to work in conjunction with suitable air proving switches and a 230 Volt AC gas solenoid.

### Safety:

Mains voltage is present. It is the responsibility of the user to ensure compliance with the Health and Safety at Work act 1974. The unit should be installed by a suitably qualified person in accordance with I.E.E. regulations and adequate protection should be provided for the gas solenoid. It is assumed by the manufacturer that necessary precautions have been taken by the installer with regard to gas pressure proving or flame failure protection in accordance with current British Standards (BS 6173 2001).

### Operation:

If extract or supply fan is switched off when mains are applied to the unit (Fan Off) indicator will illuminate and no gas flow will be available to the burners. When fans are switched on (Fan Off) indicator will extinguish and gas flow will be available to the burners.

In the event of fan failure (either fan) Fan Off indicator will illuminate and gas will be shut off to the burners. When fault on fan has been rectified and fan switched on (Fan Off) indicator will extinguish and gas flow will be restored. The same sequence of events will occur in the event of an air flow proving switch fault

There is a remote On/Off facility available which can be operated by either a manual remote switch or volt free contacts; however gas cannot be switched on if no air extraction is present.

### Wiring Instructions:

Ensure mains supply is isolated and connect unit as per wiring diagram.

### Please note:

- If remote switch facility is not used leave link in place across remote (on/off) contacts
- If only Extract fan is being used leave link in place across supply air flow switch contacts
- Connections from the unit to air flow proving switches must be connected to the common and normally open contacts switches.

Finally, in the extremely unlikely event of the unit fail indication illuminating, switch off gas manually and replace unit.