



Typical general arrangement of internal boiler room with complete Duomo gas safety kit

Principle of operation

The GS300M will automatically turn off the electrical supply to the gas valve and sound the remote alarm should any of the following conditions arise.

1. Carbon monoxide level increases to 50ppm for 1 hour, 100ppm for 10 minutes or 300 ppm instantaneously (Time Weighted Average).

2. Natural gas level rises to 20 % L.E.L.

and/or

3. Boiler room temperature exceeds 72 degrees centigrade.

The system can only be reset and gas re-instated when the cause of the problem has been resolved.

Key

1. GS300M Gas Detector (3 zone controller)
2. CO100Ar Sensor (Carbon Monoxide)
3. SGM595 Sensor (Methane)
4. DFL10 Electro-Thermal Fusible Link (72°C)
5. AF126 Audible Flashing Alarm
6. Solenoid operated isolation valve
7. KOB21 Emergency Stop push button
8. L.P.G. Sensor (if fitted)