



Height 130mm
Width 130mm
Depth 60mm

The CarbonGuard unit is quick and easy to install and complies with the latest CE directives.

The system consists of a wall mounted ABS box that has mounting holes pre-drilled in the base for ease of installation and requires a 240vac 3 amp power supply from a fused spur.

The unit should be fixed to an internal wall approximately 2/3 distance from floor to ceiling.

OPERATION

The system has two alarm stages; stage one is when CO₂ levels reach 900ppm and stage two at 1400ppm.

At 900ppm and LED on the front of the panel will flash and then reset itself once the CO₂ in the room falls.

At 1400ppm a flashing LED will be seen along with an audible intermittent alarm. Again, this will automatically reset once the CO₂ drops to an acceptable level.

THE FLAMEFAST CARBONGUARD SYSTEM HAS BEEN DESIGNED SPECIFICALLY FOR USE IN SCHOOLS AND COLLEGES AND SATISFIES ALL REQUIREMENTS OF BUILDING BULLETIN 101 (BB101) REGULATION STANDARD RELATING TO VENTILATION IN SCHOOLS.

THE BULLETIN STATES THAT THE MAXIMUM LEVEL OF CARBON DIOXIDE IN THE AIR WITHIN A CLASSROOM SHALL BE NO MORE THAN 1,500 PARTS PER MILLION.

THE SYSTEM IS A STAND ALONE UNIT BUT CAN BE INTERFACED TO "SCHOOL'S VENTILATION AND BMS SYSTEMS" FOR AUTOMATIC VENTILATION REQUIREMENTS.

STANDARD SYSTEM FEATURES

INSTALLATION

Pre-drilled enclosure for quick and easy installation.

CO₂ DETECTION

System has two trigger levels, one at 900ppm and one at 1400ppm. These levels are stated as effective alarm trigger levels in BB101.

AUTOMATIC RESET

The system automatically resets itself once the CO₂ levels have fallen below the trigger levels.

BMS

A Building Management System Interface is fitted as standard should the system be required as part of a ventilation control system or building management system.

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