

The McDonald's CO2 Safety System

The McDonald's Safety Systems are manufactured in order to harmonize with the McDonald's worldwide norms, OSHA norms and existing European Legislations. The CO₂ System has a multitude of unique features that differentiates it from existing sensor systems on the market. This is in order to support McDonald's worldwide operator who values safety, functionality and cost.



The System is comprised of:



- ← Central Unit with a digital display showing the readings of the sensor or sensors that are connected.
- ← One (up to four) sensor with two individually programmed relays in order to be able to activate remote warning lamps (beacons) and sirens.
- ← A power supply with a plug lock.
- ← A red warning beacon and a siren.
- ← Signs.

Alarm Levels

The LogCO₂ Mix VI Safety Systems are set to have the default Alarm Levels at:

TWA – 0.5% Time Weighted Average, in accordance with existing European Directive, the OSHA (The American Occupational Safety and Health Association) and the AGCHL.

Pre Alarm – 1.5% A value chosen to enable personnel to be able to repair a leak without endangering them in any way.

High Alarm – 4% It is chosen to insure that no one is exposed to IDLH which is 4% (In accordance with existing European legislation, OSHA and the AGCHL).

QuickAlert CO₂

The QuickAlert (Patent Pending) is a revolutionary, patent pending feature in the new CO₂ system. It alerts the operator at a very early stage about a possible CO₂ threat, giving the operator additional time to act in accordance to needs.

Reference:

<http://www.kensbeverage.com/KBI/MCD/Co2%20brochure.pdf>