

SELF CONTAINED OZONE MONITOR WITH CONTROLLED OZONE OUTPUT
IDEAL FOR COMMERCIAL KITCHEN APPLICATIONS

Co OZONE MONITOR

The Co Monitor can be installed to control the amount of ozone being discharged either at the point of termination of the extraction ducts or in areas that are sensitive to exposure to ozone levels that exceed permitted levels.

Once the monitor detects high levels of ozone it will communicate with the Controlled Ozone Injector and stop generating ozone until safe levels are reached.

Using a Co Monitor will give long term safeguards from excess ozone with the minimum of servicing as opposed to using ozone destruct filters or masking agents neither of which do not control the discharge levels of ozone.



Features

- Adjustable PPM level detection
- Plug and play monitoring
- Replaceable GSS sensors
- External control outputs
- Compatible with existing BMS interface

APPLICATIONS

- Ozone emission level detection
- Control of ozone
- Health and safety monitoring
- External and Internal air quality monitoring benefits
- Real-time ozone gas concentrations continuously monitored
- Alarm and data logging options available
- Active sampling for improved accuracy

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SPECIFICATIONS

- Sensor type - Analytic Gas Sensitive Semiconductor
- Sensor specifications – Gaseous Ozone
- Sampling method - Active sampling
- Operational mode - Continuous Control
- Visual monitoring indicators -
 - Green: power on
 - Amber: monitoring ozone level
 - Red: ozone limit exceeded – ozone production suspended
- Operational temperature - 0°C to 40°C
- Operational relative humidity - 10% to 90% non-condensing
- Warm up time - 10 minutes
- Relay set point - User configurable
- Digital output - RS 232 and RS 485
- Analog output - 0-5 VDC (8 bit)
- Relay output - 24 V; 5A (max.)
- Power supply - 12 VDC; Powered from Ozone unit
- Operating environment - -5 to 50°C |5 to 95% RH (non condensing)
- Enclosure rating – Weatherproof
- Enclosure dimensions - 155Wx200Hx95D(mm);
- Enclosure casing - Flame resistant thermoplastic
- Enclosure mounting - Screw fix
- Weight – 1.5 KG
- Approvals - Part 15 of FCC Rules
- EN 61000-6-3: 200
- EN 61000-6-1: 2001