

ECONOMY CARBON MONOXIDE CARPARK SENSOR

R99-2003CMD

- Small and unobtrusive
- Meets requirements of AS1668.2-2002
- 4-20 mA or 2-10 VDC output
- 24V DC operation
- Long life sensor
- Ideal for small to medium car parks
- IP65 Rating
- RS-485



WHY USE A CARPARK SENSOR?

- Save money
- Reduce exhaust fan running times
- Reduce power consumption
- Reduce exhaust fan noise
- Reduce maintenance costs on exhaust fans
- Comply to Australian standards

OVERVIEW

Control Equipment now offers a very cost effective solution for carbon monoxide exhaust emission monitoring and exhaust fan control for enclosed carparks and similar applications.

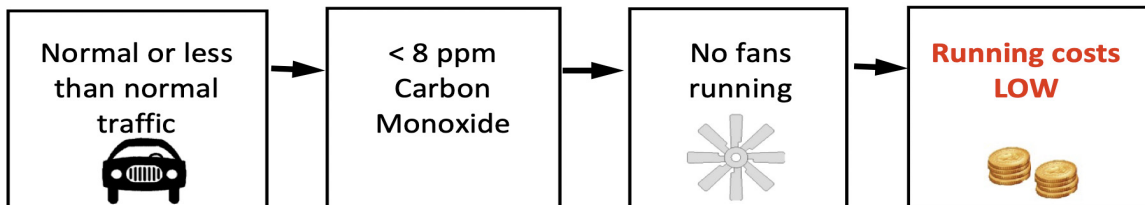
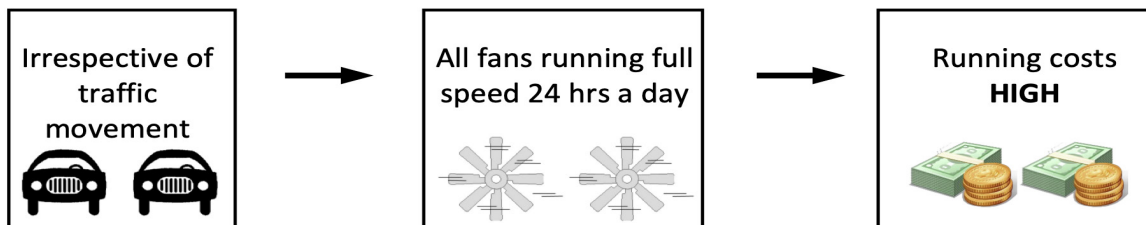
Installing carbon monoxide sensors in accordance with AS1668.2-2002 (The use of ventilation and air-conditioning in buildings, Part 2: Ventilation design for indoor air contaminant control) allows the exhaust fans to be run only when contamination gases are present. The result is significant cost savings due to reduced power consumption.

The Control Equipment sensors can be integrated into existing building management systems (BMS) or directly into one of our range of controllers, with time delay and relay outputs. A site specific PLC can also be designed and built to meet your requirements.

Power requirements	18 – 28V AC / DC	Temperature range	-10° C to 50° C
Output	4-20 mA or 2-10 VDC output	Relative humidity	0 – 90% non condensing
Range	0 – 150 ppm as standard, with other range options available.	Estimated life	3 – 5 years
Resolution	1 ppm	Enclosure	Polycarbonate
Linearity	+ 3% F.S.	Wiring requirements	1.5mm ² 2-core shielded instrument cable
Response time	<50 secs to T90		

INSTALL A MONITORING SYSTEM FROM CONTROL EQUIPMENT AND YOU WILL SAVE MONEY

Without a gas monitoring and control system:



1. The car park exhaust levels are monitored by sensors which provide a signal back to the Control Equipment Controller with an inbuilt timer, which will activate fans only when the appropriate levels are reached. Thus, savings are made on running and maintenance costs.
2. The optional variable speed drives help to enhance operating costs.

