

# CARBON MONOXIDE CARPARK SENSOR

Gas Detection for Life

“C” Series



## Features

- 4-20 mA output
- 24V DC operation
- IP66 Enclosure
- Small and unobtrusive
- Linear response over entire range
- Meets requirements of AS1668.2-2002

## Why use a “C” Series?

- Reduce exhaust fan running times
- Reduce power consumption
- Save money
- Reduce exhaust fan noise

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 airconditioning 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 “C” Series Carpark Sensors can be integrated into existing Building Management Systems (BMS) or several of Control Equipment’s Controllers, with time delay and relay outputs. A site specific PLC can also be designed and built to meet your requirements.

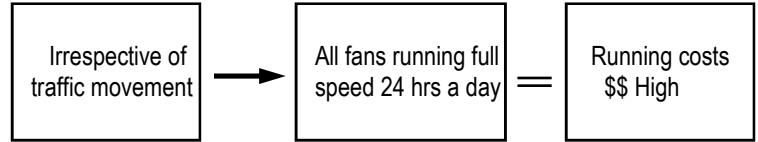


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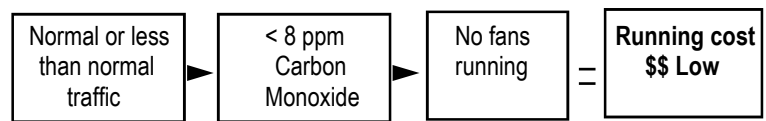
<b>Power Requirements:</b>	18 – 30V DC
<b>Output:</b>	4 – 20 mA
<b>Range:</b>	0 – 150 ppm
<b>Resolution:</b>	1 ppm
<b>Linearity:</b>	± 5% F.S.
<b>Response Time:</b>	<2 mins to T90
<b>Temperature Range:</b>	-10 to 50° C
<b>Relative Humidity:</b>	0 – 95% non condensing
<b>Estimated Life:</b>	3 – 5 years
<b>Enclosure:</b>	Powder coated anodised Aluminium
<b>Weather Protection:</b>	IP66
<b>Wiring Requirements:</b>	1.5mm <sup>2</sup> 2-core shielded instrument cable

**Carpark ventilation fan operation requirements under AS1668**

Without a gas monitoring and control system .....



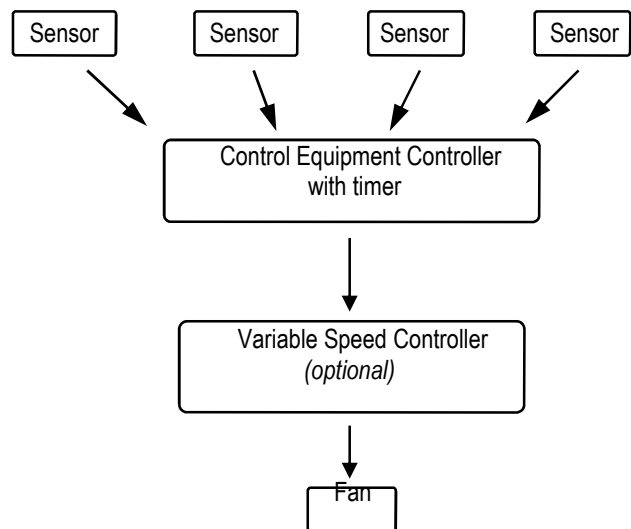
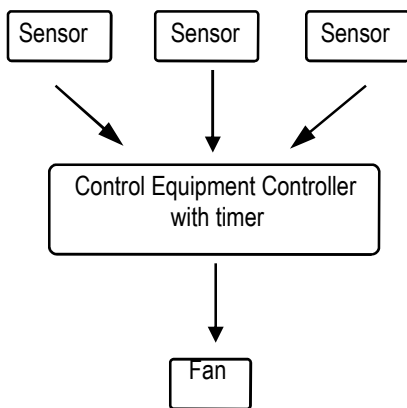
How to comply and save \$\$\$\$\$\$ by installing a gas monitoring and control system from Control Equipment Pty Ltd .....



**Install a monitoring system from Control Equipment and you will save money**

Here's how it works .....

1. The car park exhaust levels are monitored by sensors which provide a 4-20 mA output to the Control Equipment Controller with inbuilt timer, which will activate fans only when the appropriate levels are reached, saving on running costs.
2. The optional variable speed drives help to enhance operating costs.



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