

Enclosed Parking Facility Safety Solution Gas Detection & Ventilation Control System



Designed & manufactured in accordance with the NECB A-5.2.3.4(1) for parking facilities

Large Gas Detector Coverage

Identify up to 16 individual gas levels and which monitoring zone the detector is located

Low & High Fan Activation

0-10VDC output to variable fan speed drives dependent on CO & NO₂

Modern Design

Slim compact enclosure

Quick & Simple Setup

Digital touch screen displays engineers settings menu for installation setup

Easy To Use

Clear TFT screen displays status indication for each connected fan/damper & live gas detector values

Communication

BAS & MODBUS connectivity

Temperature Alarm

Alarm activates relays if defined temperature level is exceeded

Robust Control

Touch sensitive buttons

Ease Of Access

QR code for easy access to manuals



Incredibly Easy to Use & Install

- ✓ ParkSafe controller manufactured with Industrial Grade Polycarbonate material to withstand daily use
- ✓ MODBUS connectivity to signal live gas levels & system status
- ✓ Automatic fan control dependent on Temperature, CO & NO₂ levels in each area. For further details see page 2.

Robust, Reliable & Accurate Gas Detection



CGSNO2PS
CGSCOPS

The CGS NO₂PS & COPS are Nitrogen Dioxide & Carbon Monoxide detectors specifically designed for use in enclosed parking facilities to meet NECB A-5.2.3.4.(1)

The detector is 12-24V powered, up to 16 detectors can be connected in a chain. MODBUS RTU compatibility as standard along with built in audible & visual alarms.

The CGS solutions are already protecting thousands of properties across the globe.

Intuitive and accessible design makes the CGS range easy to specify, easy to install and very user friendly.

Modern components compliment years of industry experience to provide a tidy solution to parking facility safety.

Multiple inputs available to adapt the operation of the controllers including BMS/BAS & MODBUS compatibility.



info@canadiangassafety.com



www.canadiangassafety.com



647-577-1500

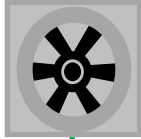
Add Gas Safety To Your Design

Protect Life from the dangers of Carbon Monoxide & Nitrogen Dioxide Poisoning and Comply with NECB.

Alarm Level
High Speed Fan



Pre-Alarm Level
Low Speed Fan



0-10VDC Output To Variable Fan Speed Drives



Damper Activation Relay

BAS/BMS & MODBUS Compatibility

Emergency Sounder Alarm

CGS ParkSafe Controller

Locate in an office or area within the car park not accessible to the public



CGSParkSafe Detector

Up to 16 individual gas detectors can be connected

Gas Type	GOOD Level	Low Speed Fan	High Speed Fan
		PRE-ALARM Level	ALARM Level
Carbon Monoxide (CO)	0 - 25 ppm	25 - 100 ppm	+ 100 ppm
Nitrogen Dioxide (NO ₂)	0 - 0.7 ppm	0.7 - 2 ppm	+ 2 ppm



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