



## SACO-240v

STAND ALONE CO  
SENSOR / CONTROLLER

### CARBON MONOXIDE (CO) SENSOR / CONTROLLER

#### Features

- Australian Manufactured using High Quality 3rd party replaceable CO cell.
- CO cell complies with all relevant standards with international compliance.
- L.E.D Indication of output and fault status
- Easy Site Calibration with ZERO and GAIN potentiometers.
- Test plug for forced 100 % and Fault mode Output test.
- Fault input selectable as N/O (close on run) or N/O close on fault.
- Voltage free relay rated at 10Amps @ 240vac
- 0-10vdc modulating output for variable fan speed control.
- Inbuilt Siren & Mute button for fault or high CO levels
- Fulfills AS1668.2-2012 unoccupied Carpark CO control requirements

#### Use

The SACO-240v is primarily designed as a Carpark Carbon Monoxide sensor/controller for control of ventilation fans to maintain safe CO levels as per AS1668 requirements. The SACO-240v is powered by 240vAC. In response to increasing CO levels the sensor energises its internal relay at 15ppm and also generates a 2 to 10 volt DC output signal from 15 - 30 ppm for variable fan speed control. The sensor is marked with a signed calibration date sticker & comes with a certificate of compliance. Hevac recommend a 12 month recalibration period.

*Available in the near future is an optional plug in timer module to cause 10 minute fan operation daily to meet minimal ventilation requirements if no fan operation has occurred in the previous 24 hours, in the interim we suggest the use of an external 24 hour time switch to operate the fans for 10 minutes each day.*

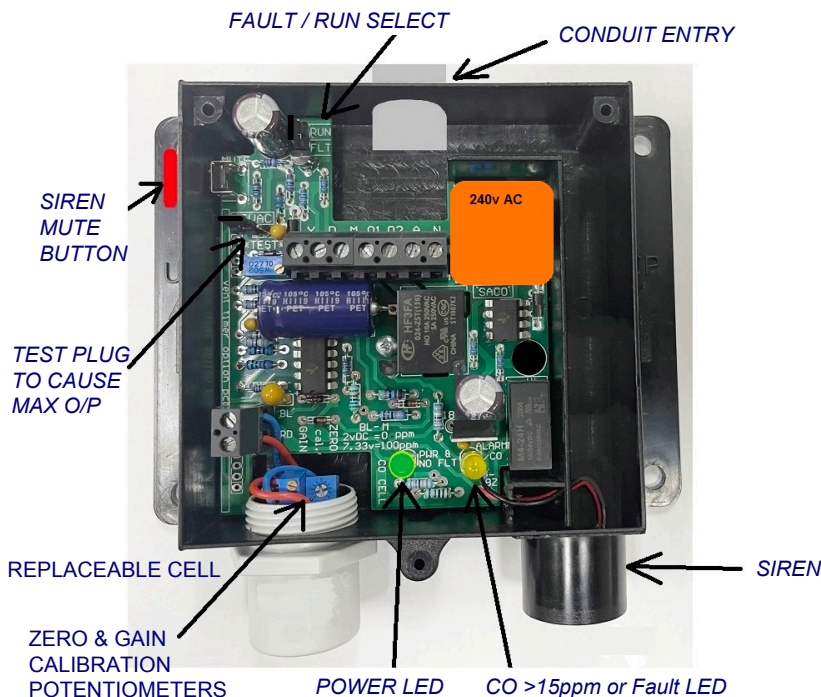
*A 24v powered version of this sensor/ controller is also available : SACO-24v.*



**Made in Australia**  
**100% Australian Owned Company**

## Technical Data

General Specifications	Operating Voltage	240 Volts AC
	Power Consumption	0.5VA
Outputs	240v 10amp rated potential free relay ON @ 15 ppm OFF @ 9 ppm 0-10vdc fan speed control output 0v -10v over 15 - 30 ppm Siren ON @ 60 ppm, OFF @ 50PPM or any fault condition.	
Environmental Conditions	Operation	
	Ambient Temperature	0...40oC
	Humidity	< 90 % RH (Non Condensing)
	Storage and Transport	
	Ambient Temperature	<i>recommended</i> 10...30oC
	Humidity	<i>recommended</i> < 75 % RH
Product Standards	As per Australian standards.	
Weight	Including Packaging	150 grams
	Housing	
	Colour	BLACK
	Material	ABS POLYCARBONATE
	UV Stabilised	YES
	Fire Retardant	YES
	Size	H122mm x W98mm x D35mm
	Mounting Method	Wall mount 4 screw locations
Recalibration requirements	12 months	



### Terminal Designations

Y : 0-10vDC Control output  
 D : Fault or Run proof input  
 M : 0-10v reference Ground  
 Q1 & Q2 N/O Relay contacts  
 A : 240 Volt Supply Active AC  
 N : 240V Neutral