



LogiCO2 O2 Mk9 Detector Sensor User Guide

[Home](#) » [logico2](#) » LogiCO2 O2 Mk9 Detector Sensor User Guide 

Contents

- [1 LogiCO2 O2 Mk9 Detector Sensor](#)
- [2 Product Information](#)
- [3 Calibration](#)
- [4 Installation Height](#)
- [5 System Installation](#)
- [6 Installation Schematics](#)
- [7 Frequently Asked Questions \(FAQ\)](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



LogiCO2 O2 Mk9 Detector Sensor



Product Information

Specifications

- Model: O2 Sensor Kit Mk9
- Power Supply: 24Vdc
- Current Consumption: 38mA
- Country of Origin: Sweden

NITROGEN GENERATORS

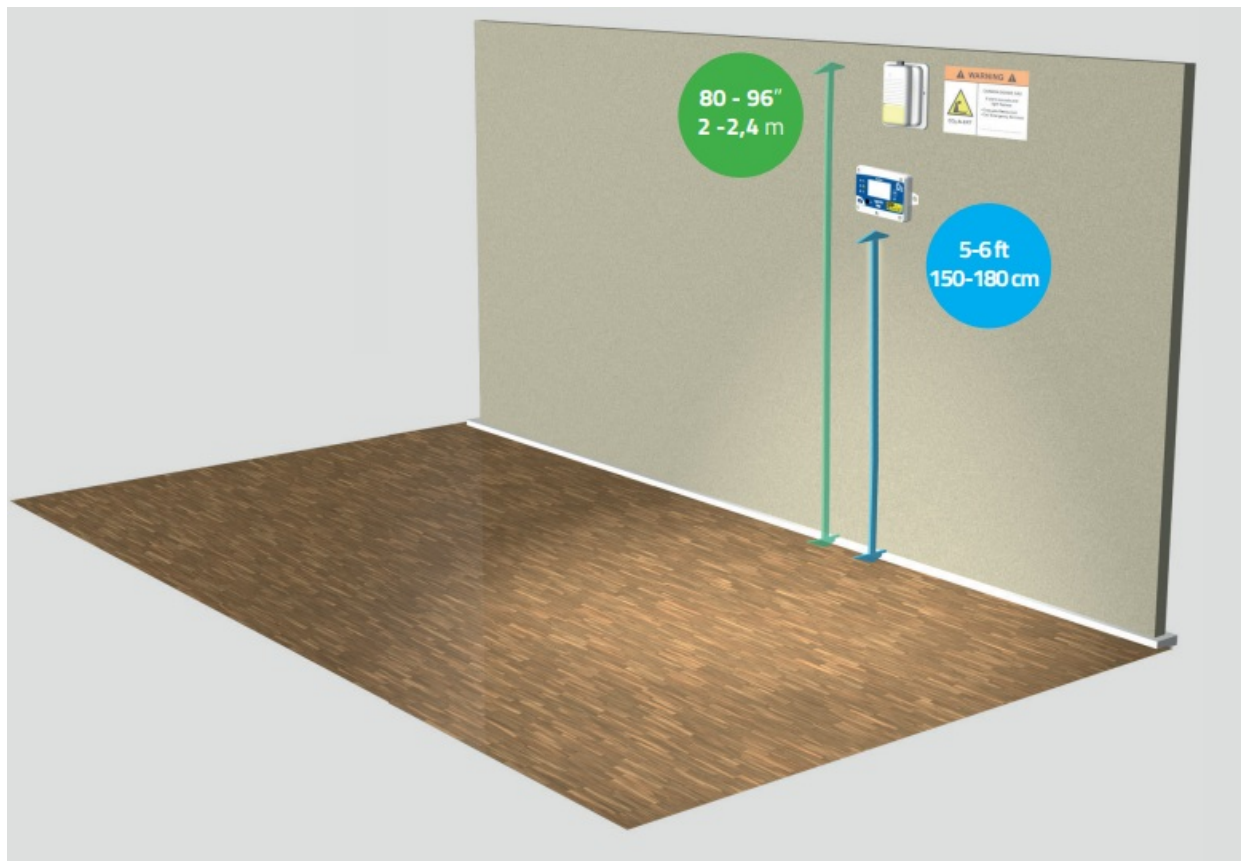
Please note that if a nitrogen generator is being used in the area where the O2 sensor is installed, the excess oxygen created by the nitrogen generator must be led out of the area. It is not allowed to use the O2 sensor in the area if the oxygen is not led out.

Calibration

The LogiCO2 O2 sensor has an automatic self calibration function activated as standard, and no manual calibrations should be needed in normal conditions.

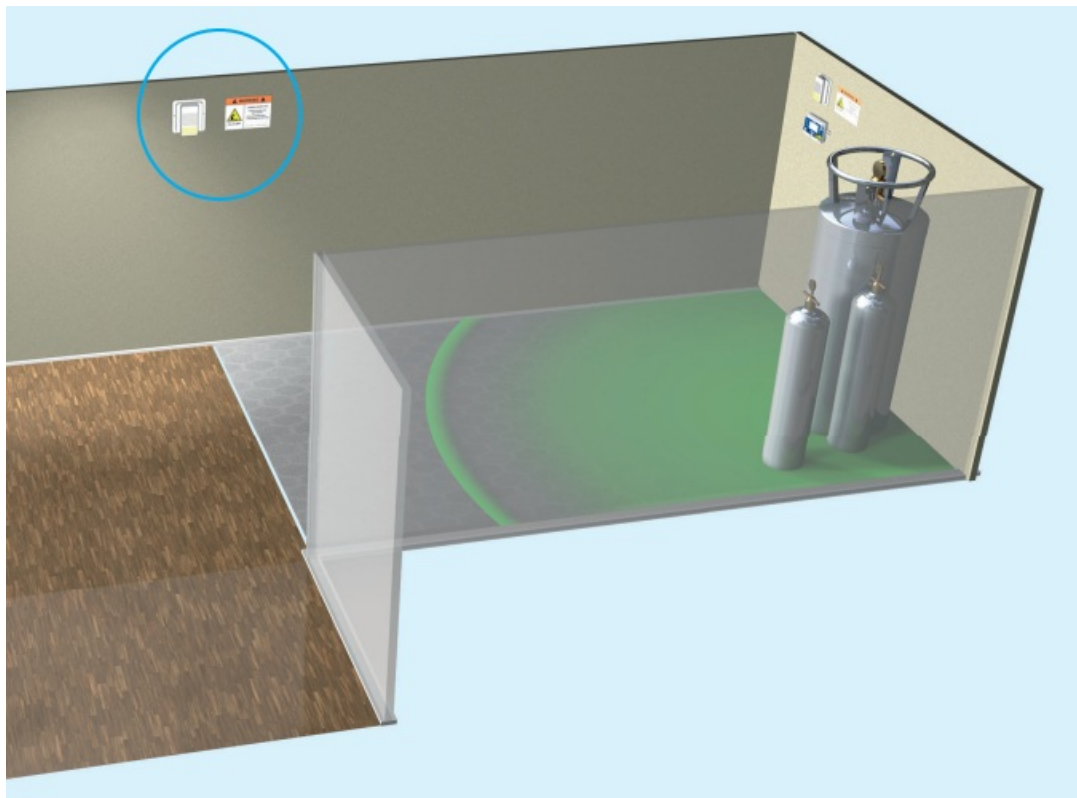
Installation Height

The O2 sensor should be installed at breathing height, between 150-180 cm/5-6 feet from the floor. Try to find an installation position where the unit is least likely to be damaged. Mount the O2 sensor with supplied mounting screws. The horn/strobe/s must be installed on the wall above the O2 sensor, approximately 2-2.4 m/80-96 inches (as per NFPA 72) above the floor, clearly visible from any entrance of the area being monitored.



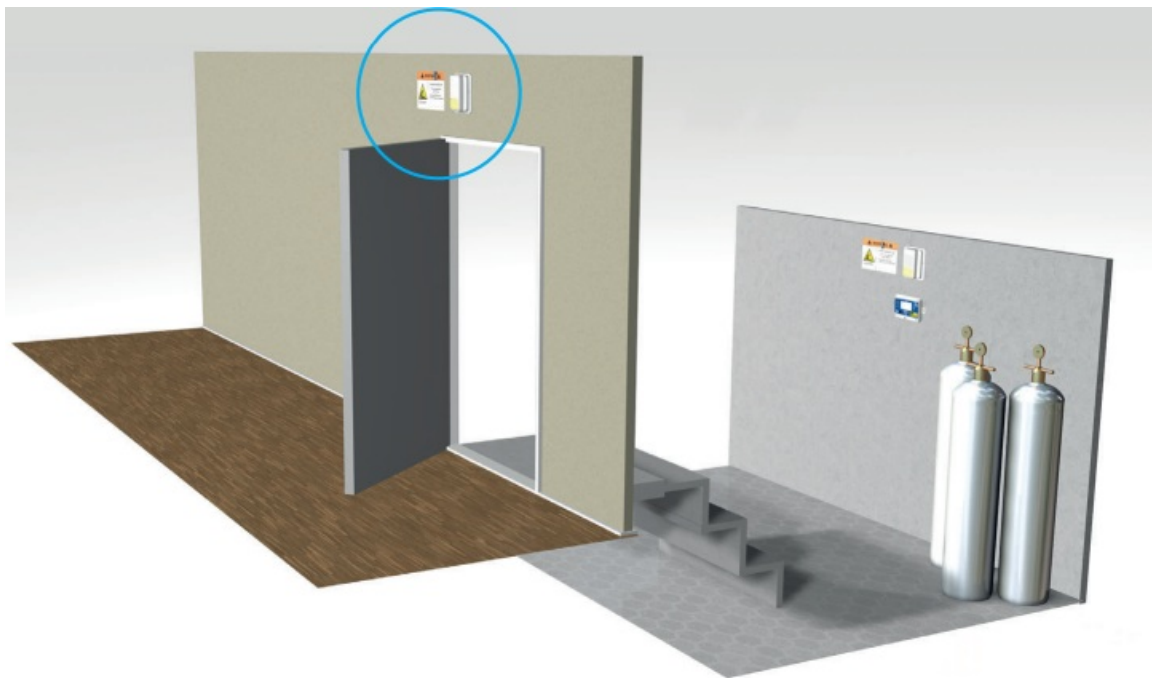
Corridors

In areas where the Nitrogen or mixed gas are stored at the end of a corridor, it is paramount to place an extra Horn Strobe at the entrance of the corridor. This to give an early warning in case of a Oxygen depletion.



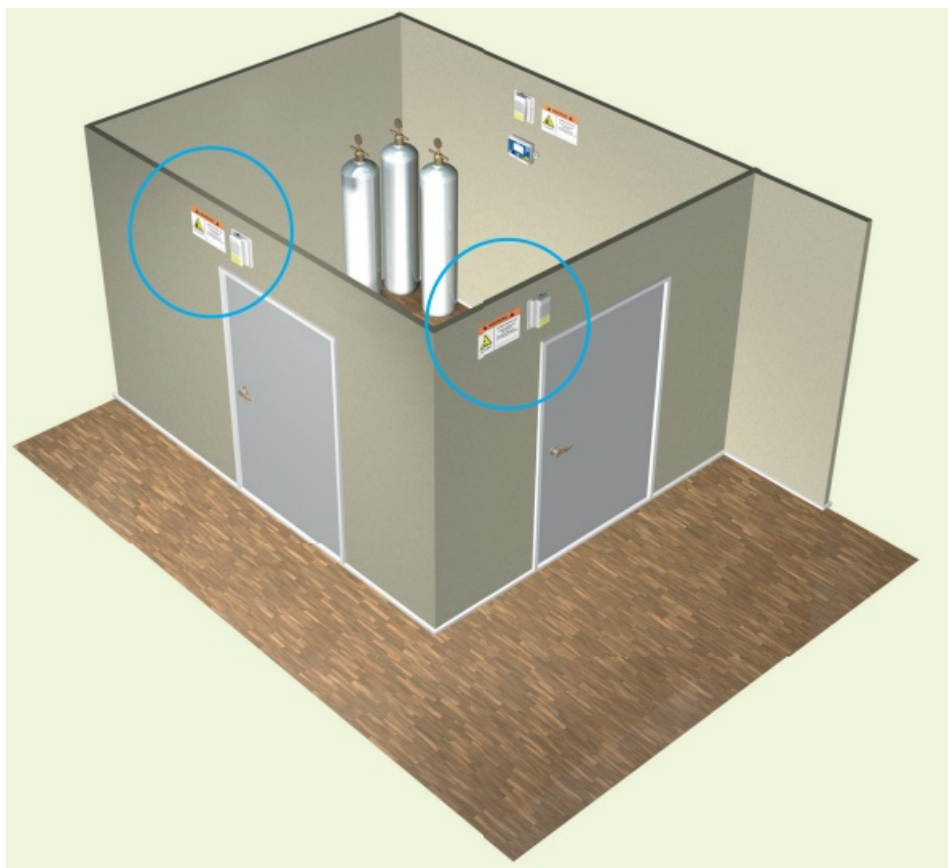
Lower floor/basement

In areas where the Nitrogen or mixed gas is stored or distributed in Below Grade locations such as Lower Floors and Basements, it is essential to have Horn Strobes before the entrance to the area.

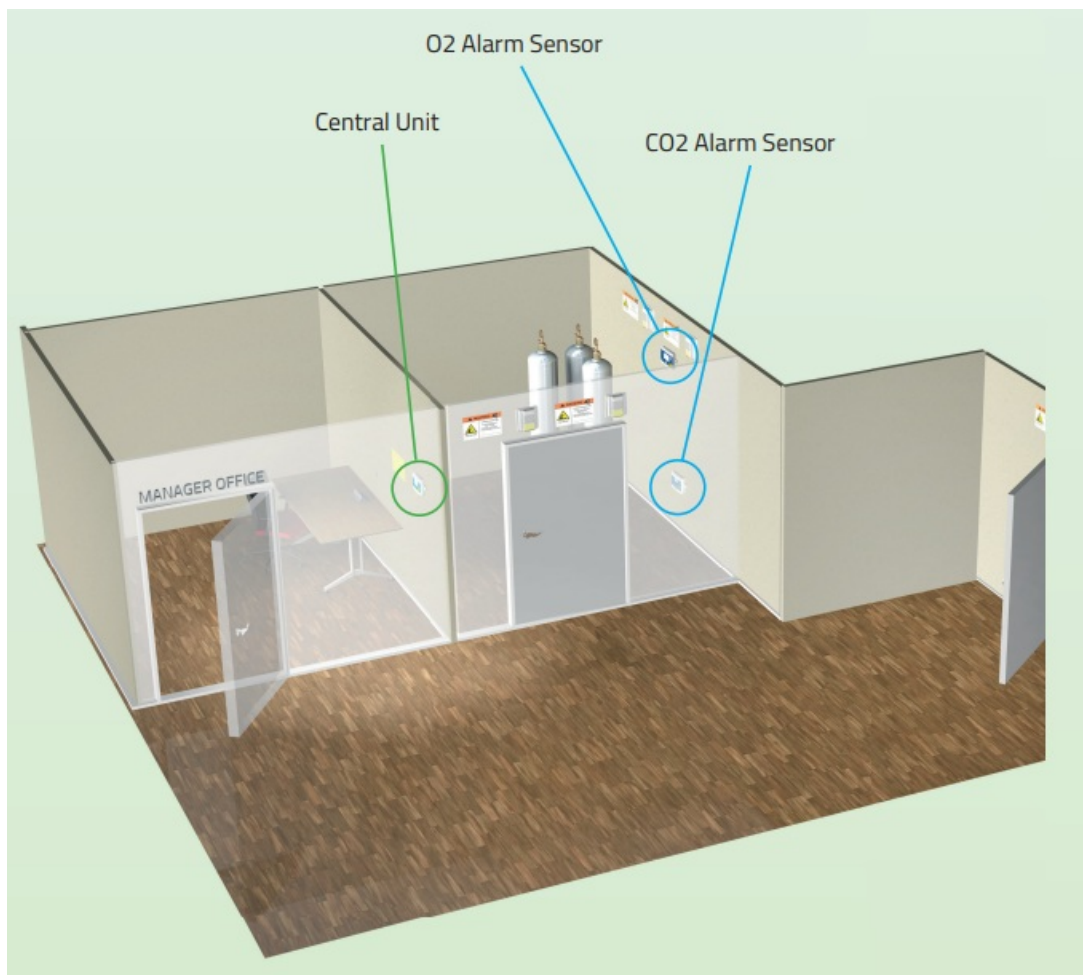


Enclosed Spaces

In enclosed spaces Horn Strobes must be placed outside of each entrance.



System Installation



Installing an O2-kit to an existing LogiCO2 Mk9 CO2 Safety System

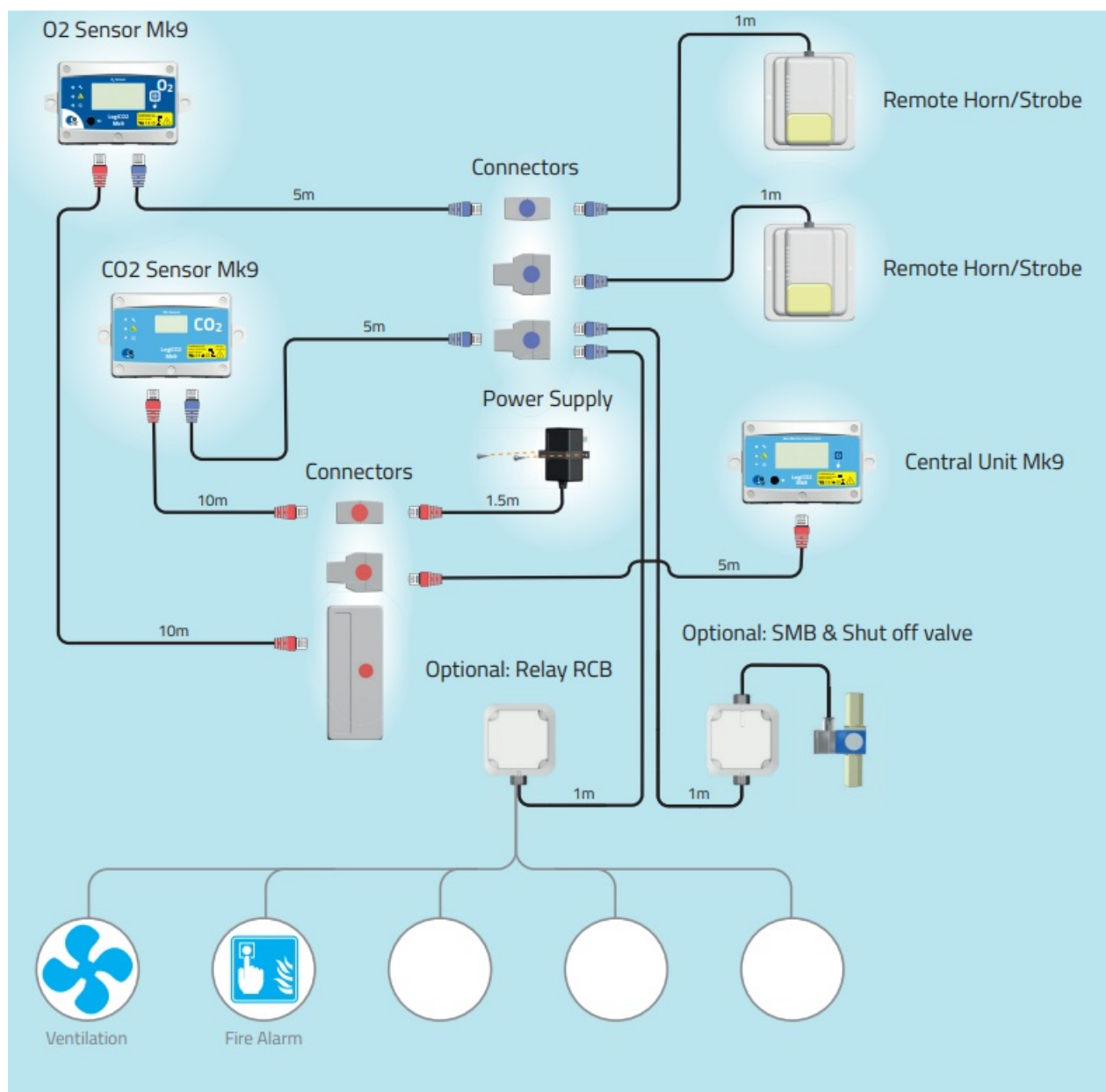
Since you are adding an additional sensor to the system, you need to set the correct ID-settings for the sensors and the central unit. This is done using the dip switches.

The O2 sensor in the kit is set to ID2 as standard, if you only have one CO2 sensor connected in the system, you only need to change a dip switch in the central unit. Unscrew the screws and remove the lid of the central unit. Then put dip 1 in the ON position.

If you have 2 or more sensors already connected in the alarm system, please check the User's manual.

Number of connected sensors	Dip1	Dip2	Dip3	Dip 4-8 Not used	DIP-switch
1 connected sensor	OFF	OFF	OFF	OFF	<div>1 <input type="checkbox"/></div> <div>2 <input type="checkbox"/></div> <div>3 <input type="checkbox"/></div>
2 connected sensors	ON	OFF	OFF	OFF	<div>1 <input checked="" type="checkbox"/></div> <div>2 <input type="checkbox"/></div> <div>3 <input type="checkbox"/></div>

Installation Schematics



LogiCO2 International • P.B. 9097 • 400 92 Gothenburg • Sweden www.logico2.com • info@logico2.com

Frequently Asked Questions (FAQ)

- **Q: Do I need to manually calibrate the O2 sensor?**

A: No, the O2 sensor has an automatic self-calibration function and does not require manual calibration under normal conditions.

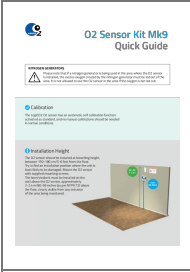
- **Q: What is the recommended installation height for the O2 sensor?**

A: The O2 sensor should be installed at breathing height, between 150-180 cm/5-6 feet from the floor.

- **Q: How do I add an O2 sensor to an existing LogiCO2 Mk9 CO2 Safety System?**

A: To add an O2 sensor, set the correct ID-settings for the sensors and central unit using dip switches. The O2 sensor in the kit is set to ID2 as standard.

Documents / Resources

	<p>LogiCO2 O2 Mk9 Detector Sensor [pdf] User Guide</p> <p>O2 Mk9 Detector Sensor, O2 Mk9, Detector Sensor, Sensor</p>
--	---

References

- [Welcome to LogiCO2 - Logico2](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.