O2 Sensor Kit Mk9
Quick Guide

Startup calibration

When the O2-sensor has been installed, its important to do a calibration since the sensor could have become uncalibrated during transportation.

The sensor needs to be powered for at least 20 minutes before the calibration can be done, to make sure it is heated up and adjusted to the environment. Try to make sure that the room is well ventilated.

To find instructions, see the User's manual chapter 4 or go to www.logico2.com/knowledge-base/installation-tutorials/ where you can find a tutorial video.

The LogiCO2 O2 sensor has an automatic self calibration function activated as standard, so after the first start up calibration, no further manual calibrations should be needed in normal conditions.
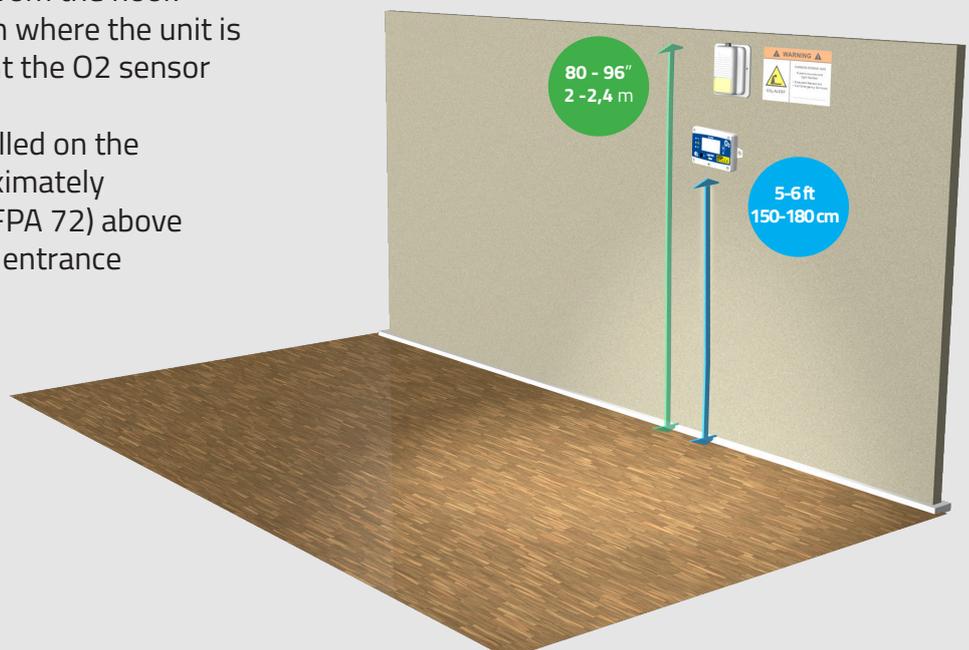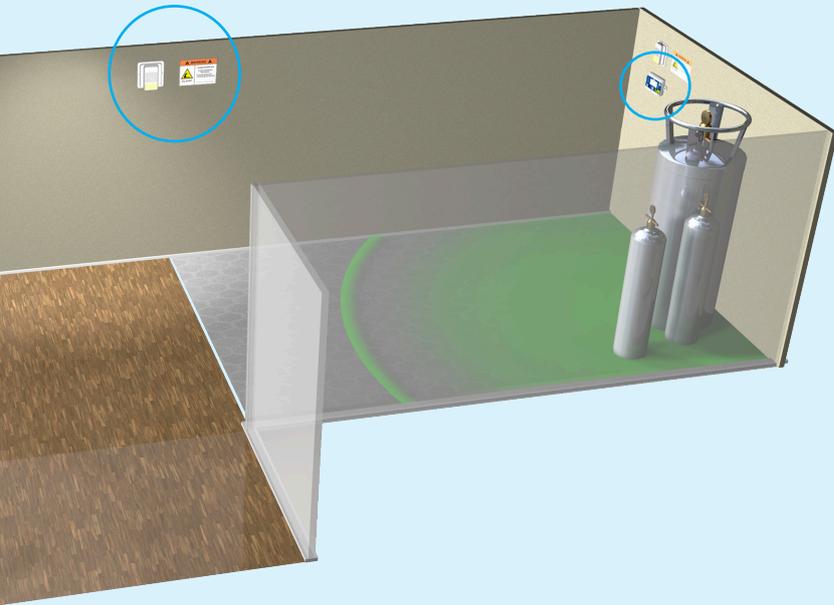
Watch calibration video here:

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.
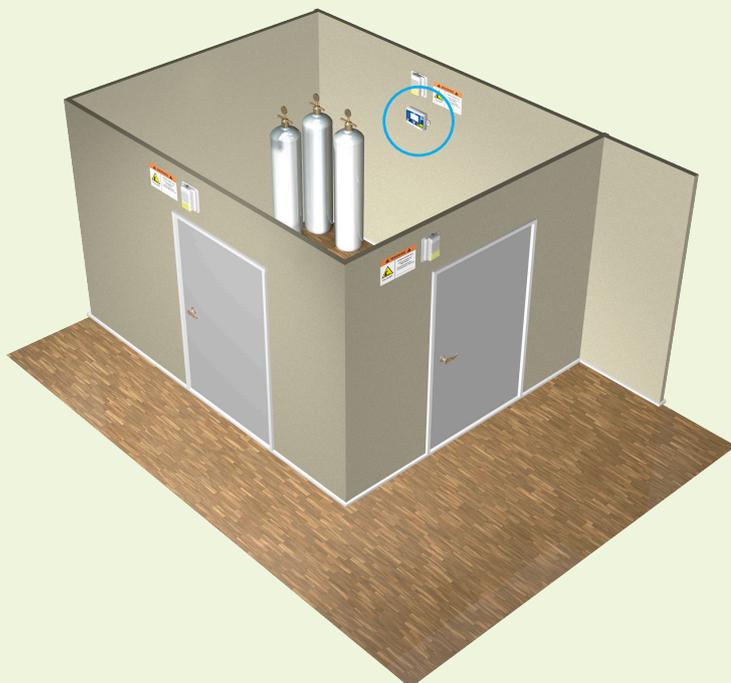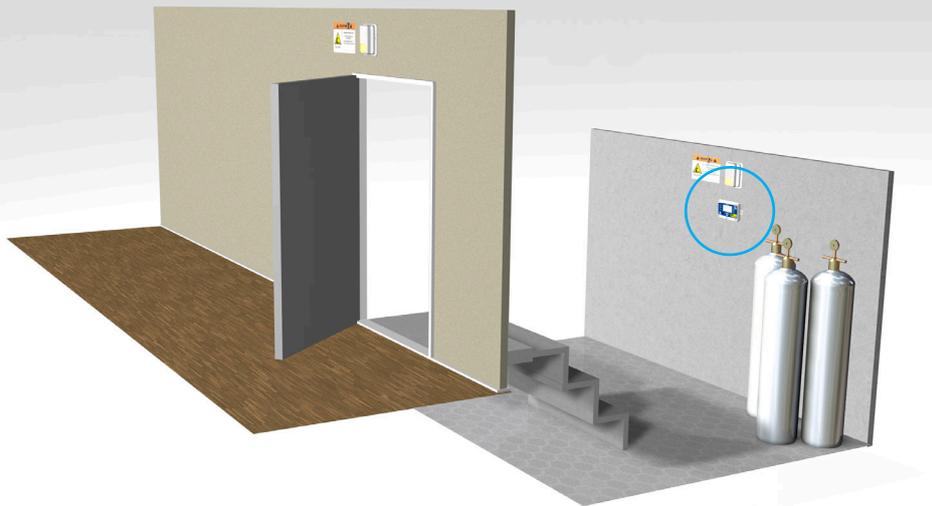
80 - 96"
2 -2,4 m

5-6 ft
150-180 cm

Corridors

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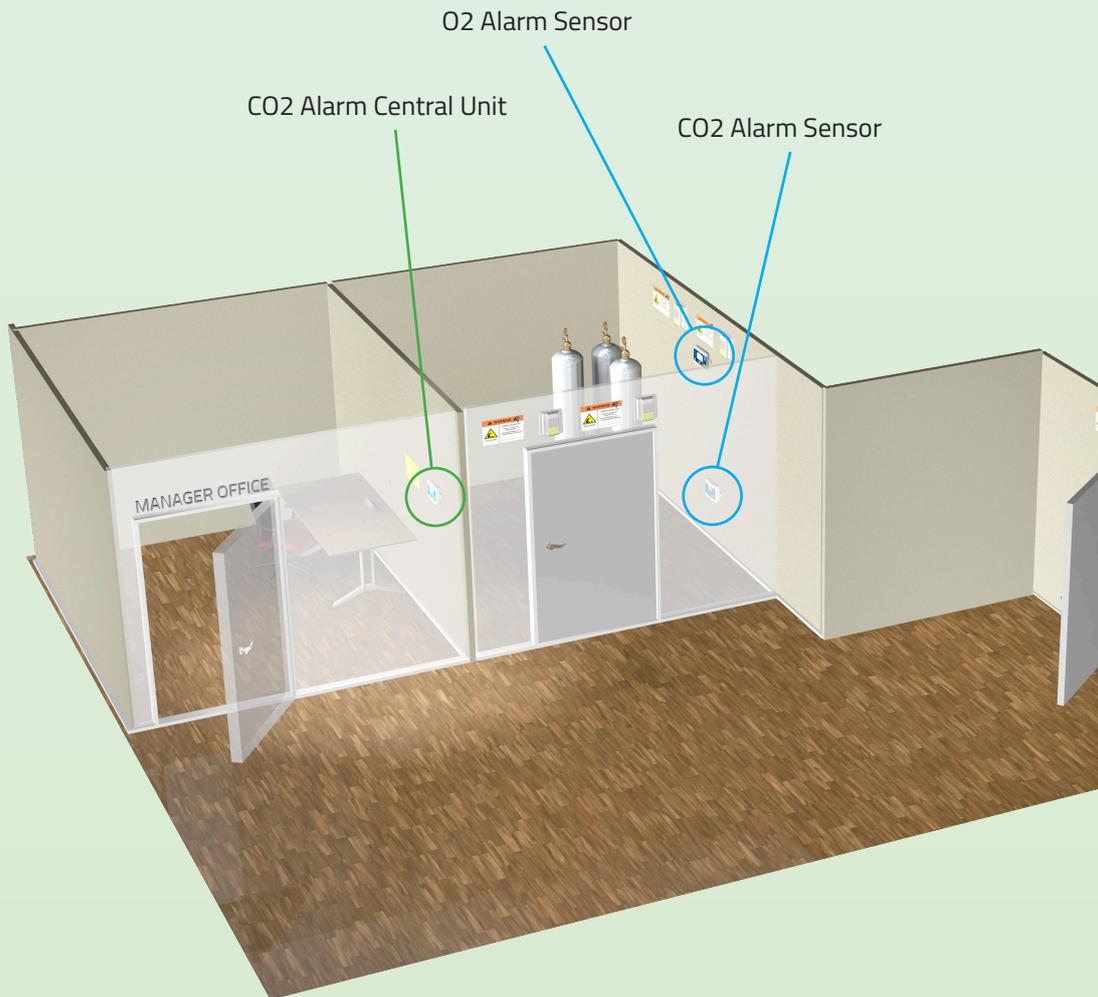
Lower floor/basement

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

O2 Alarm Sensor

CO2 Alarm Central Unit

CO2 Alarm Sensor

MANAGER OFFICE

⚠ Installing a 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	
2 connected sensors	ON	OFF	OFF	OFF	

Installation Schematics:

O2 Alarm Sensor Mk9

Remote Horn/Strobe

1m

Connectors

5m

CO2 Alarm
Sensor Mk9

5m

10m

Remote Horn/Strobe

1m

Power Supply

Central Unit Mk9

Connectors

1.5m

5m

10m

Optional: SMB & Shut off valve

Optional: Relay RCB

1m

1m

Ventilation

Fire Alarm

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