

# MK9 Safety System

**Cyl Tec**  
One Resource. Zero Headaches.

**MK9  
Sensor**



**Horn/  
Strobe**



**Central  
Unit**



## MK9 CO<sub>2</sub> Safety System

The MK9 sensor is a precision instrument that continuously monitors temperature and CO<sub>2</sub> gas concentration using infrared analysis. It has red, yellow and green LED lights and an intermittent buzzer for low alarm and continuous sound for high alarm. The MK9 performs a self-calibration at regular intervals, eliminating the need for service calibration.

- *Most cost effective CO<sub>2</sub> safety system currently available*
- *Four alarm levels fulfill all U.S. CO<sub>2</sub> safety codes and norms*
- *Central unit makes odorless, invisible CO<sub>2</sub> gas visible and advises what to do in different alarm situations*
- *Automatic calibration is safer and requires zero maintenance*
- *System is expandable, up to eight sensors*
- *System can be connected to an existing fire alarm system that is connected to the fire department*

**8 ADD UP TO  
SENSORS**  
*Fully Expandable System*

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# MK9 Safety System

## INCLUDES:

MK9 CO<sub>2</sub> Central Unit  
MK9 CO<sub>2</sub> Sensor  
Horn/Strobe LED with 3 ft (0.9144m) Cable  
1 Red 15 ft (4.572m) Cable  
1 Red 30 ft (9.144m) Cable  
1 Blue 15 ft (4.572m) Cable  
RJ45 1-1 Splitter  
RJ45 1-2 Splitter  
Transformer 1A & Plug - UL  
Plug-Lock  
Bag with 6 Screws and Plug  
Sign CO<sub>2</sub> Safety System  
Sign Horn/Strobe  
Installation Manual  
Quick-Guide

## SPECIFICATIONS:

### MK9 CENTRAL UNIT

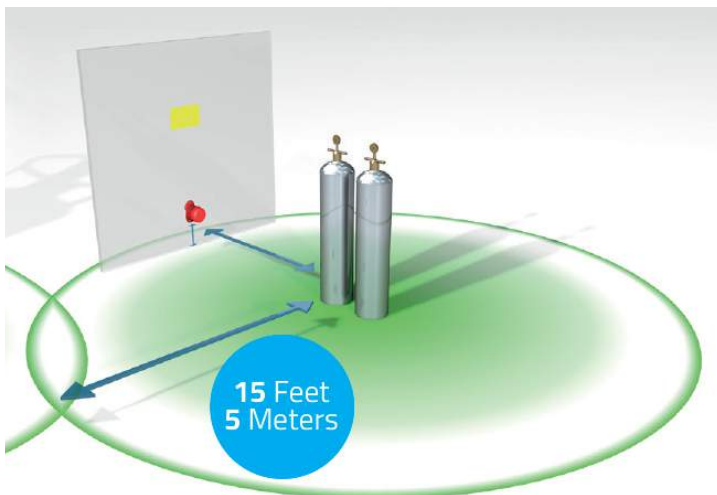
Operating Temp: 32° to 102° F (0° to 40°C)  
Operating Humidity: 0-90% RH (non condensed)  
Power Supply: 24V DC  
Power Usage: No Alarm Status: 21 mA  
Alarm Status: 32 mA  
Acoustic Signal Strength: 80 dBa (1m)  
Size (LxWxD): 3.52" x 6.32" x 1.47"  
(89.6mm x 160.5mm x 37.4mm)

### MK9 SENSOR

Operating Temp: 32° to 102° F (0° to 40°C)  
Operating Humidity: 0-95% RH (non condensed)  
Power Supply: 24V DC  
Power Usage: No Alarm Status: 56 mA  
Alarm Status: 68 mA  
Acoustic Signal Strength: 76 dBa (1m)  
Automatic Calibration: 60 Days  
Size (LxWxD): 3.52" x 6.32" x 1.47"  
(89.6mm x 160.5mm x 37.4mm)

### Horn/Strobe

Operating Temp: 23° to 122° F (-5° to 50°C)  
Power Supply: 18-24V DC  
Power Usage: 120 mA @ 24V DC supply  
Acoustic Signal Strength: 110 dB / 1 m  
Flash Intensity: 115 CD  
Flash Frequency: 65/min  
Size (LxWxD): 5.3" x 4.5" x 2.4"  
(134mm x 115mm x 61 mm)



### Important!

The sensor shall be mounted 12 inches or 30 cm from the floor to the bottom of the sensor...

### Customer Service:

Should you require more information about our products, please do not hesitate to contact our customer service desk at (630) 844-8800.