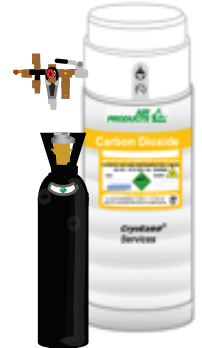


# CO<sub>2</sub> Alarm Check After Periods of Non-use – Ax50

## 1 Protected Areas :

If the main CO<sub>2</sub> supply is located in a completely enclosed location the **Protected Area** will be the room / area where the CO<sub>2</sub> tank or cylinder is located.

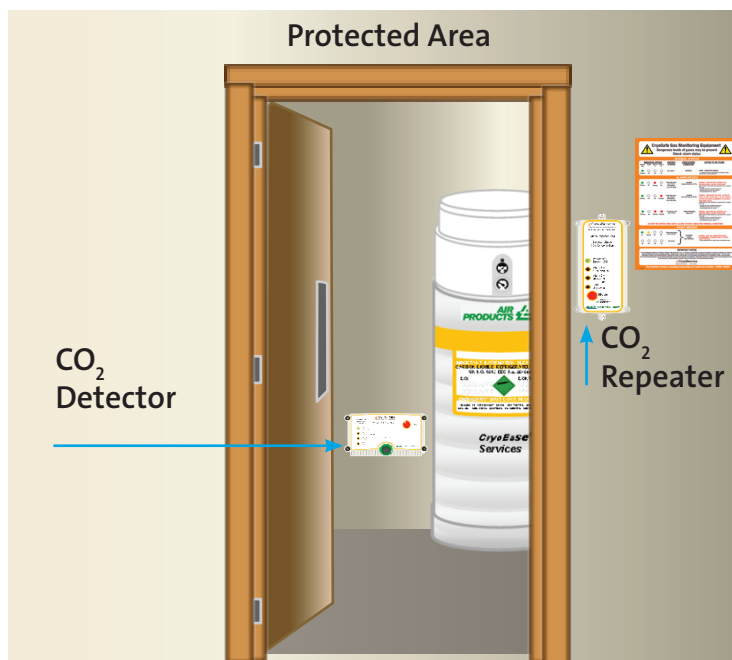
If the main CO<sub>2</sub> supply is located outside (completely unenclosed location), the **Protected Area** will be the room where dispense equipment is located e.g. cellar, post mix room etc.



## 2 Position of equipment:

The **Protected Area** will have a **Detector** installed typically within three meters of the CO<sub>2</sub> main supply (tank / cylinder) or the dispense equipment if the tank / cylinder is installed in a completely unenclosed location.

On each entrance with a door leading into the protected area there should be a **Repeater**\*



\*If the Protected Area is below ground level, e.g. a cellar or basement, then a Repeater should also be positioned at the top of the steps leading down to the Protected Area.





### 3 Check Alarm Status:

The **Detector** senses any build up (leaks) of CO<sub>2</sub> and the display will inform user of status in the **Protected Area**. The **Repeater** then shows the same display outside the **Protected Area** so the user does not have to enter the **Protected Area** to check the status.

The display of the **Repeater** must be checked BEFORE entering the **Protected Area**.

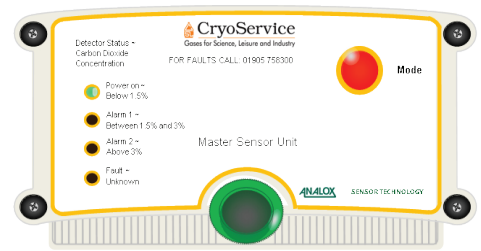
**ONLY ENTER IF NORMAL STATUS PRESENT!**

#### Normal Status\*\*:

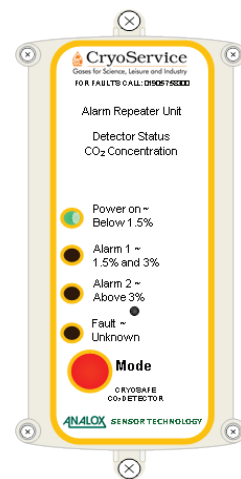
 Power on ~ Below 1.5%	<b>Flashing</b>	This is shown left where the green power light flashes on and off and no other lights are on and there are no audible alarms present.
 Alarm 1 ~ 1.5% and 3%	<b>Off</b>	
 Alarm 2 ~ Above 3%	<b>Off</b>	
 Fault ~ Unknown	<b>Off</b>	This is normal condition and the <b>Protected Area</b> can be safely entered.

\*\*See Ax50 warning card for alarm / fault modes and how these will be presented on the Detector and Repeater display.

### CO<sub>2</sub> Detector



### CO<sub>2</sub> Repeater



## WARNING

CO<sub>2</sub> CAN CREATE AN ASPHYXIATION RISK.

For additional technical advice call:

**01905 758300**

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