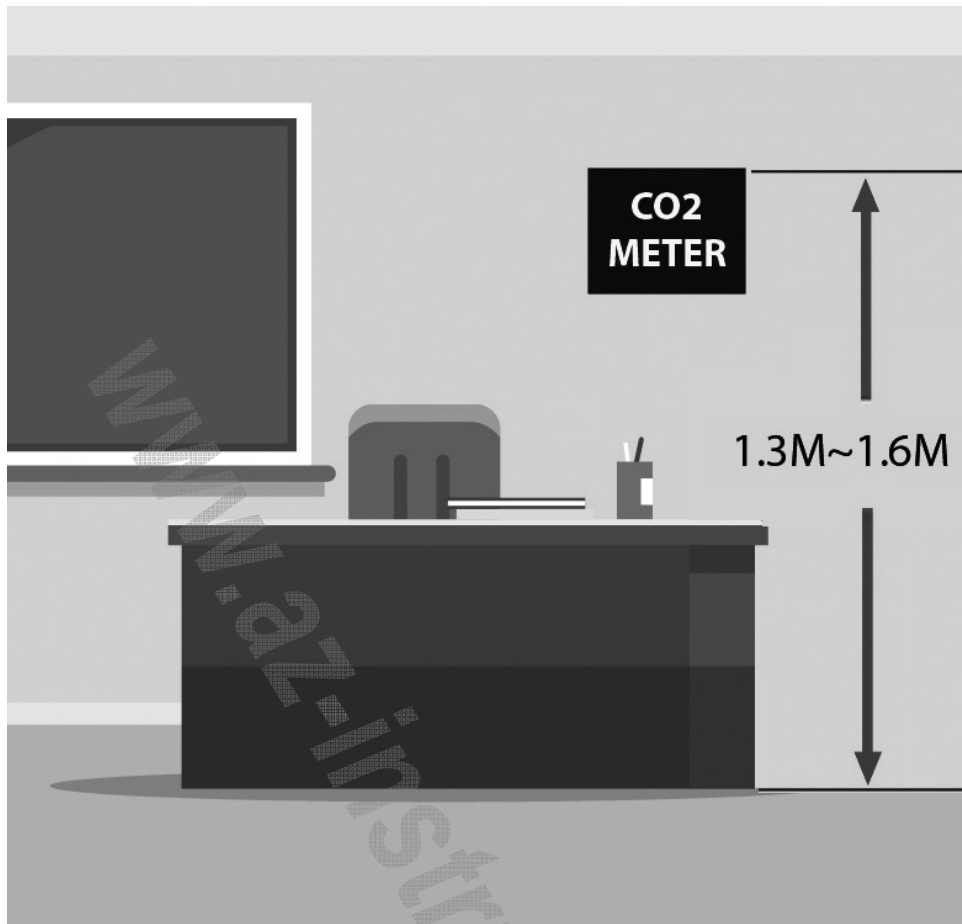




## Where and how many CO2 meter to put in a room?

### Positioning of CO2 meter



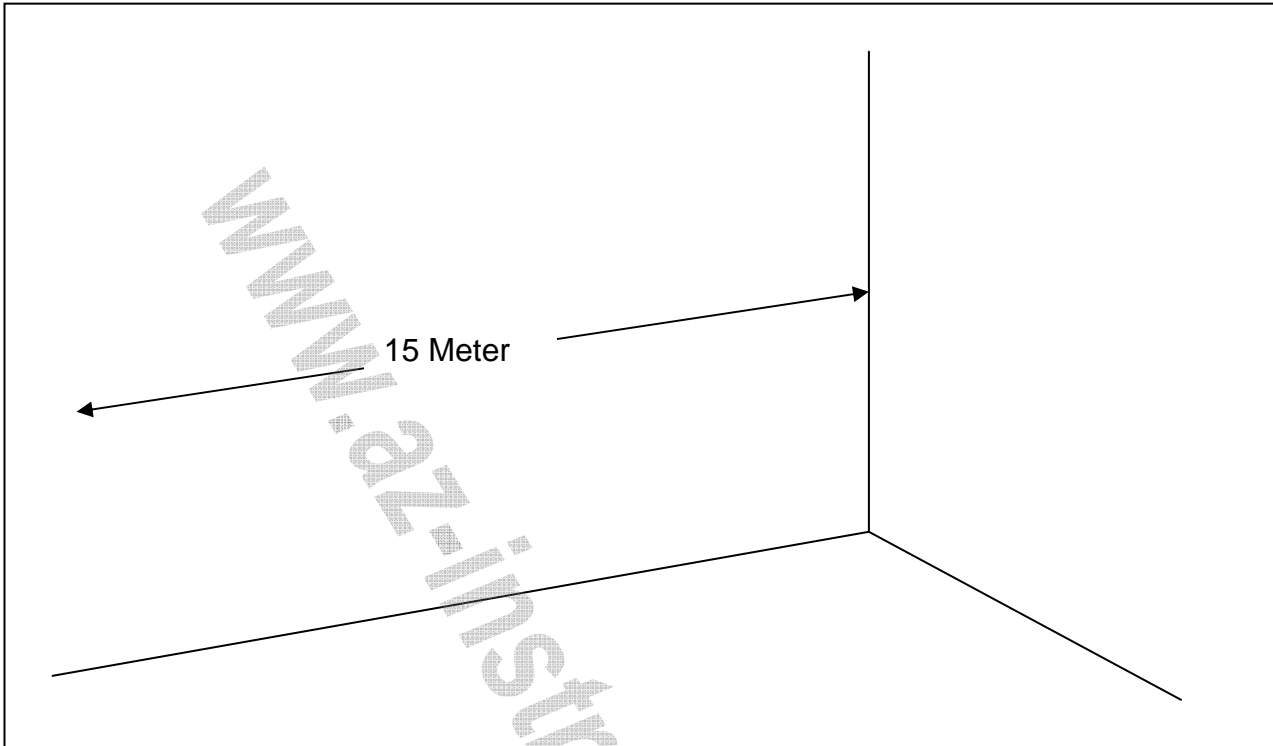
Different gases have different specific weights and so will naturally sit at different levels when mixed with air.

The diagrams above shows the best position to locate a CO2 meter.

Carbon dioxide(CO<sub>2</sub>) is a similar weight to air so sensors should be situated at "1.3 - 1.6m" from the floor in a classroom or office environment.

In a kitchen it "should be fitted horizontally between 1 and 3m from the cooking areas and a safe height above head level; that is 2.5m above floor level".

## How many sensors do I need?



The number of CO2 meter that you need to monitor any given area will depend upon several factors.

However, as a basic rule, you can use the following calculation;

Length of longest wall in the room (meters) / 6 = Numbers of CO2 meter required

So, using the example above;

$$15 / 6 = 2.5$$

Therefore we would recommend using 3 sets of CO2 meter to cover the area.

Please be aware however that this is a guideline only.

Other factors such as the height of the room, the number of appliances, the amount of pipe work etc. will also affect the number of CO2 meter required.

Meanwhile, to check local government's guideline is also suggested.