

SENSOR MOUNTING HEIGHTS

A quick installers guide

Area 1

Floor Zone

6 inches above floor level.

CO2	Carbon Dioxide (industrial)
Cl2	Chlorine
O3	Ozone
C3H8	Propane

Area 2

Breathing Zone

4-6 ft. above floor level.

CO	Carbon Dioxide
CO2	Carbon Monoxide
O2	Oxygen
NO	Nitric Oxide
NO2	Nitrogen Dioxide
H2S	Hydrogen Sulfide

Area 3

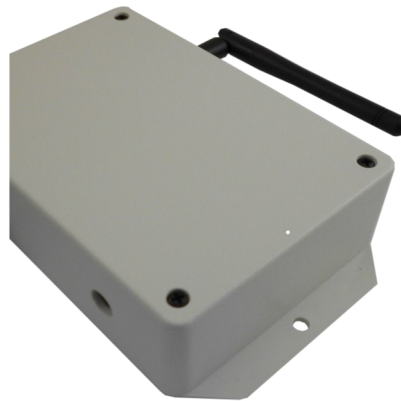
Over Head Zone

Near the ceiling

NH3	Ammonia
CH4	Methane (natural gas)
H2	Hydrogen

Mounting

Mounting Aretas sensors is made simple and easy thanks to their light weight and sturdy case, monitors can be mounted to the wall or smooth solid surfaces using 3M™ Command™ Poster strips. Tabs on the side of each monitor allow for simple and secure mounting to any surface with screws or heavier duty fasteners.



Height

Mounting the sensors at the appropriate height is critical to gathering the most accurate data. Mounting height depends on the density of the gas relative to air. Typically, the heavier the gas, the lower the sensor should be mounted and the lighter, the closer to

the ceiling.

Location

Locating the sensor close to the potential source of gas should also be considered when determining the location of the sensor. Placing the monitor near to a compressor or piping will allow for earlier leak detections.

Areas to avoid

Sensors should not be located near ventilation fans or openings to the outside that could interfere with the desired airflow you want to detect. Be sure to watch for areas of “dead air” this is where there is little to no air movement. Mounting a sensor in a dead zone will result in poor alerts and potential over exposure to the gas you are trying to detect.

Installers should also remember not to install carbon monoxide detectors directly above or beside fuel-burning appliances, as appliances may emit a small amount of carbon monoxide when starting up which could lead to “false” alerts.