

STANDARD FEATURES

One 4-20 mA analog output or user configurable in the field Modbus® RTU RS-485 or BACnet® MS/TP RS-485 digital output signal to a BAS or DDC

Easy Plug & Play Smart sensor replacement, pre-calibrated ready to install

User configurable particulate sensor settings of 1PM, 2.5 PM or 10PM

Unobtrusive, stylish design

USB port for firmware upgrades

CSA, UL, FCC, Listed by BTL

KNOW THE AIR YOU'RE BREATHING



cGas Detector

FOR INDOOR PUBLIC SPACES

Unobtrusive monitoring of carbon dioxide, carbon monoxide, formaldehyde, particulates, air conditioning refrigerants, TVOCs, RH and temperature

Designed for use in publicly occupied spaces where:

- Integrated demand controlled ventilation (DCV) is used for air quality and energy savings.
- Continuous monitoring of refrigerants in high-efficiency, high volume refrigerant cooling and heating systems (VRF) are used to keep the indoor environment comfortable. Ideal for both vertical terminal air conditioner (VTAC) systems and packaged terminal air conditioner (PTAC) applications.

OPTIONAL FEATURES

- 2A SPDT dry contact relay
- RH & Temperature sensor

APPLICATIONS

- Hotels
 - Hospitals
 - Office Buildings
 - Schools / Universities
 - Theaters / Auditoriums
 - Apartment Buildings
 - Retirement Homes
- ...and many more



ANALOG OR DIGITAL

CGAS-AP Single channel, analog 2-40 mA transmitter

CGAS-DP Single channel, digital, user configurable in the field Modbus® RTU RS-485 or BACnet® MS/TP RS-485 transmitter



SAFER AIR EVERYWHERE.

KNOW THE AIR YOU'RE BREATHING

MAINTAINING HEALTHY INDOOR AIR QUALITY

Poor indoor air quality can decrease one's performance and ability to concentrate, trigger existing health issues like asthma and allergies and increase the risk of developing long term health issues from prolonged exposure. Fine particulate matter, off gassing from carpets and furniture, people breathing, combustion from a heating source, too high or too low relative humidity levels and high temperatures all contribute to the quality of indoor air. Poor air quality can go unnoticed if it is not being monitored as many of the contributing factors are not visible and have no odour.

Proper ventilation and filtration are the key to a healthy indoor breathing environment.

The number of people inside the building will cause fluctuations in the amount of CO₂, the RH and temperature levels and the number of particles floating in the air. Early detection of unacceptable levels help ensure the ventilation system settings are adequate and the system is functioning properly especially during high occupancy times. Energy, operation and maintenance costs are kept to a minimum when the system is triggered to purge and bring in fresh air only when needed.

Installing the CGAS Detector in occupied spaces allows you peace of mind knowing that harmful contaminants are being monitored and the indoor air quality kept at a healthy and comfortable level.

People spend a large percentage of their time indoors so maintaining the highest quality of indoor air is critical to their health, well being and comfort.

