

BREEZE

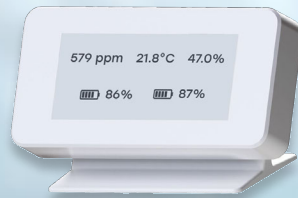
A Solution for the INDOOR AIR QUALITY MONITOR

DID YOU KNOW?

- In the office and classroom, elevated levels of CO₂, have been found to decrease information utilization, increase headaches, decrease performance, and increase rates of absenteeism. ¹
- The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) recommends maintaining indoor CO₂ levels to no more than approximately 1,000 ppm above outdoor ambient levels. ²



**BREEZE INDOOR AIR QUALITY
& CO₂ SENSOR**



**BLUETOOTH LOW ENERGY
E-INK DISPLAY**

What BREEZE Offers?



CO2
CONCENTRATION



TEMPERATURE
MONITORING



HUMIDITY
MONITORING



LIGHT DETECTION
(ON / OFF)



BAROMETRIC
AIR PRESSURE



END-TO-END
SOLUTION



24/7 MONITORING
REAL-TIME ALERTS



400
800

GOOD

Acceptable conditions with normal level of CO2



800
1200

FAIR

Upper limit of CO2 concentration for indoor level



1200
1800

POOR

Complaints of drowsiness and poor air, weak people could faint and cough



1800
2100

DANGEROUS

Poor concentration, increased heart rate, headaches, sleepiness

DID YOU KNOW?

The UK Government's scientific advisers recommend NDIR (non-dispersive infra-red) technology in the CO₂ sensors.³

"The Breeze/Breeze-V measures CO₂ concentration using non-dispersive infrared (NDIR)"!!!

Why Choose BREEZE?



High Accuracy

BREEZE Sensor guarantees high Accuracy ± 30 ppm CO₂ and Reliability with integrated barometric pressure compensation.



E-Ink Display

BREEZE Sensor and E-Ink display offers flexibility in deployment to Visualize Data with Freedom to mount the sensor in the right place.



Auto Calibration

The BREEZE Sensor self-calibrates CO₂ levels at a configurable time (7 days default), eliminating manual intervention, reducing maintenance time & costs.



HVAC Monitoring

High CO₂ levels can indicate insufficient airflow, filtering and may indicate presence of other toxins.



Virus Spread Mitigation

At 800 PPM; 1% of the air you breathe in comes from someone else's exhaled breath.



Cognitive Function

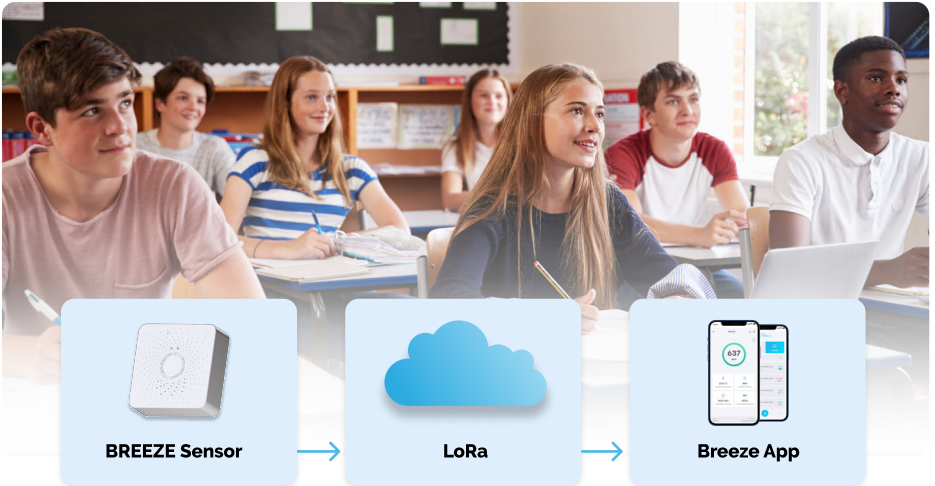
- High levels of CO₂ affect productivity, causing tiredness, dizziness and headaches and reduced cognitive ability including information retention and focus
- 1800+ ppm will fatigue, resulting in a 70-80% decrease in cognitive function.



5 Years Battery

The Bluetooth display includes a battery life indicator for seamless monitoring.

How BREEZE Works?



- 1 Place BREEZE in the appropriate place
- 2 Download Breeze App and Sign In
- 3 Scan Sensor QR Codes via Breeze Application
- 4 All Devices Details are Set by Default
- 5 Edit Sensor Configurations as needed
- 6 Display Sensor Data
- 7 Take Immediate Action to Address CO₂ Concerns

Where is BREEZE Deployed?



SMART HOME & OFFICE



SCHOOLS &
UNIVERSITIES



HOSPITALS & MEDICAL
FACILITIES



RETAIL



PUBLIC BUILDINGS

Reference links

1. [7 Reasons Why You Should Measure CO2 Inside Buildings :: GBIG Insight](#)
2. [Unveiling the Importance of CO2 Monitors in Efficient HVAC Testing | HVAC Tactician](#)
3. [How carbon dioxide monitoring works and why it is so important \(pressac.com\)](#)