



Breathe easier indoors

The wireless CO₂ sensor module that helps you deliver indoor air quality

To create a pleasant indoor environment, it is important to take into account factors like how well interior design elements harmonize with the activities carried out in the building. Lighting and temperature are also crucial. There is one other factor that is frequently overlooked, however, and that is air quality. Indoor air quality affects not only health—it also has an impact on the perceived quality and performance of a building.

The wireless CO₂ + room temperature and humidity sensor can help you reach your indoor air quality targets. Simply install it right in the room you want to monitor. The unit communicates with the SE8000* room controller using the ZigBee Green Power protocol. The sensor's data can be communicated to a MPM or a building BMS.

***Firmware Version**

Schneider Electric 8000-series Room Controller must be running Firmware version 1.7 or greater and ZigBee communication module version 10 or greater, to integrate with the wireless CO₂ and TRH sensors.



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Ideal for schools, restaurants, offices, retail stores...

Knowing your CO₂ concentrations is important to ensuring indoor air quality, especially in areas that are densely occupied or used continuously for many hours throughout the day. Think schools, restaurants, offices, and retail shops—or any other small commercial building.

Save on energy costs

The wireless CO₂ + room temperature and humidity sensor can communicate directly with the Room Controller and, if needed, with the Building Management System. When the CO₂ concentration in the room reaches a given threshold, the ventilation system is automatically switched on—only where and when it is needed. This eases the strain on ventilation equipment and helps reduce energy costs.

Streamline maintenance

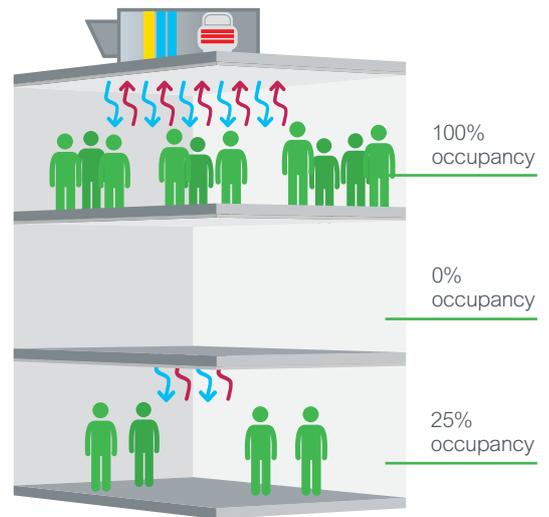
The wireless sensor is also maintenance-free. It operates on a non-rechargeable, non-replaceable battery for an estimated ten years. A message on the SE8000 lets you know when the unit needs to be replaced.

Get up and running fast

Easy to install, the wireless CO₂ + TRH sensor can be secured directly on a wall or flat surface using double-sided adhesive tape, or by securing the plastic bracket to the wall and mounting the sensor. Using the screws is the recommended method. Once the sensor has been paired with the Room Controller, it communicates via ZigBee. And, if you reorganize your space, you can simply move the sensor.

Facilitate environmental certifications

Using CO₂ sensors in conjunction with an energy efficiency program is a key enabler for Building LEED, BREEAM, and Green Star environmental certifications. The sensors are also compliant with ASHRAE specifications for Green Building Standards.



Part number	Description
SED-CO2-G-5045	Wireless CO ₂ + room temperature and humidity sensor
SED-TRH-G-5045	Wireless room temperature and humidity sensor

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