

resideo



Keep indoor air quality in check

With the Resideo Carbon Dioxide (CO₂) monitor

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Monitor CO₂ levels and keep indoor air quality in check

Building improvements such as double-glazed windows and improved insulation have helped to retain heat inside rooms and increase energy efficiency, but this has made fresh air ventilation more difficult to achieve, which can lead to increased carbon dioxide (CO₂) levels.

Too much CO₂ can lead to...



Fatigue



Headaches



Lack of concentration



Increased blood pressure



Decreased hearing ability

Making the invisible visible

The Resideo R200C2 monitor alerts you to high levels of CO₂ via audio and visual cues. You can easily assess indoor air quality, see at a glance when CO₂ levels become excessive, and take action to ventilate the room.



10-year service life and 10-year warranty included, as standard giving additional peace of mind.

Status 1: Safe	Status 2: Warning	Status 3: Harmful
Green LED	Yellow LED	Red LED, voice prompt (with mute option) and 75 dB siren
Good condition CO ₂ concentration ≤1000 ppm	Poor air quality CO ₂ concentration 1000 ppm ~1500 ppm	CO₂ detected CO ₂ concentration ≥1500 ppm



Key features



Non-dispersive infrared (NDIR) CO₂ sensor technology.



High-precision carbon dioxide detection ±50 ppm + 5%.



High-precision temperature detection. Ambient room temperature display from -5°C to 50°C. When the temperature moves outside of this range, the monitor will display: 'Temperature abnormality detected'.



High-precision humidity detection ±5% RH. When the humidity level exceeds 90% RH, the monitor will display: 'Abnormal humidity detected'.

R200C2 Product specifications

Interface	Intuitive touchscreen control for easy operation
Display	Clear LED display showing CO ₂ levels, automatic brightness adjustment
Alert	Visual and audible alert system
Voice notification	75 dB voice alarm, available in 6 languages EN, FR, NL, ES, IT, DE
Power	Mains powered, with 12 hour battery backup
Mounting	Wall-mounted
Sensor type	Non-dispersive infrared (NDIR)
Approvals and standards	CE, EN62368
Dimensions (H x L x W)	99 mm x 99 mm x 37 mm
Product weight	291 g
Colour	White
Alarm indicator light	≤1000 ppm: Green colour 1000 ppm ~ 1500 ppm: Yellow colour ≥1500 ppm: Red colour
Ambient relative humidity	Max: 90% RH (no condensation) Min: 0% RH (no condensation)
Sensor service life	10 years
Calibration	Automatic
Delay/hush button	Yes
Disable alarm button	Yes

Where to install

A CO₂ monitor is suitable for use in rooms where people spend a lot of time, such as school classrooms, office meeting rooms and at home in living rooms, bedrooms, workspaces, and playrooms. A monitor should ideally also be installed in every room containing a fuel-burning appliance.

The Resideo CO₂ monitor is suitable for installation by either end users or professionals, and is supplied with a manual containing detailed installation instructions. As CO₂ is slightly heavier than air, the monitor should be installed wall mounted, at eye level.

The monitor comes with an external AC power adapter, and has a built-in backup rechargeable lithium battery that supports up to 12 hours of backup power in case of AC power failure. Its low-battery warning indicator will alert to when it's time to recharge.



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