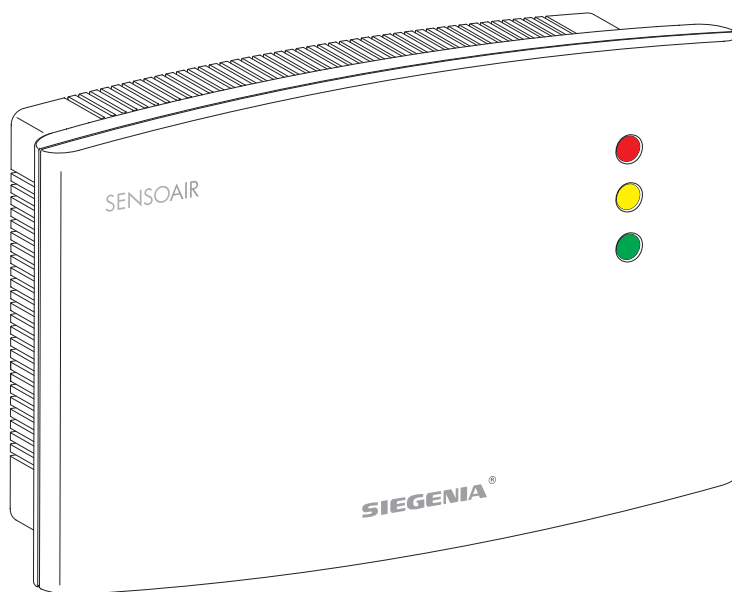


Air quality sensor for indoor use



Application

- The SENSOAIR is an air sensor for checking the quality of air in closed rooms.

Function

- Two sensors record the carbon dioxide (CO₂) content and the VOC¹⁾ (volatile organic compound) values.

Unit properties

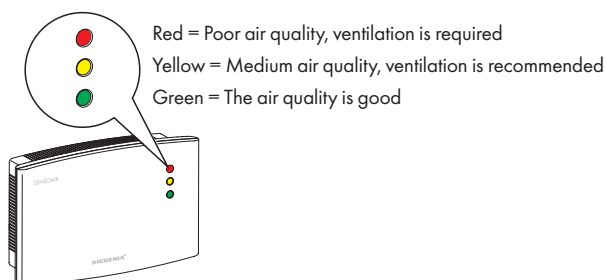
- Should the CO₂ content or the VOC¹⁾ concentration exceed the following values, SENSOAIR indicates this using the LED display (traffic lights) and activates connected devices.
- SENSOAIR Plus version:
 - Wall mounted
- SENSOAIR smart version:
 - Available either as a table unit or wall mounted
 - Simple operation via smartphone or tablet using the SIEGENIA Comfort app²⁾
 - Air quality display
 - Switch the LED display on/off
 - Connect the SIEGENIA smart devices (AEROPAC smart; AEROMAT VT RS smart; AEROMAT VT WRG 1000 smart, AEROMAT VT WRG 1100 smart; DRIVE axxent DK smart)

¹⁾ VOC are volatile organic compounds in the form of gases, e.g. cigarette smoke, perspiration, kitchen odours, etc.

²⁾ The SIEGENIA Comfort app is compatible with iOS 8.0 or newer, iPhone, iPad and iPod touch, as well as with Android 5.0 or newer.

Technical specifications

Specifications for SENSOAIR	plus	smart
Table unit version	–	✓
Wall-mounted version	✓	✓
Function - measure/display CO ₂	✓	✓
Function - measure/display VOC	✓	✓
Device control	via cable	via WLAN
Measuring range of sensors	Approx. 350 ppm - 3,000 ppm (CO ₂ and VOC)	
Service life of sensors	Approx. 10 years	
Permissible room temperature	5 °C to 40 °C	
Supply voltage	230 V AC / 24 V DC (depending on the device)	
Power consumption	1.5 W	
Device control (optional)	Air quality values can be adjusted with a DIP switch	
Protection class	II, insulated	
Protection class	IP 4X	
Casing	Surface-mounted, ASA, RAL 9003 signal white	
Dimensions (W x H x D)	154 mm x 98 mm x 39 mm	



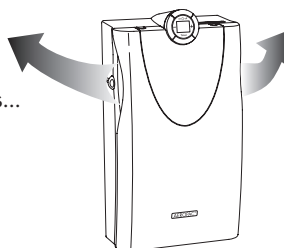
LED indicator	Signal	Ventilation
Red	Flashes 2x briefly	urgently required
	Flashes 1x long	
Red	Permanently illuminated	Required
Yellow/red	Permanently illuminated	
Yellow	Permanently illuminated	Recommended
Green/yellow	Permanently illuminated	Not necessary
Green	Permanently illuminated	

Example of unit control

SENSOAIR detects poor indoor air...



... and sends control signals...



...to wall-mounted ventilator (e.g. AEROPAC, which pumps fresh air into the room)

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