

## Air quality in buildings

Fresh, clean air is essential for our health, to be able to think clearly and function properly. Research shows that as many as 61% of people perform better in a building where the air quality and ventilation are perceived as pleasant.

The air quality outside is usually cleaner than the air inside. The air in buildings can be polluted by dust, bacteria and fungi. The used building materials, cleaning agents or fire retardants can also cause harmful fumes.

BOFLORA conducts air research and maps the air quality of your building. And of course we advise how the situation can be improved, for example by cleaning or humidifying air. We make clear how clean the air in the office, at school or in public spaces is now.

BOFLORA controls the air quality. This can be done periodically or as a result of complaints. We also advise on how the workplace or space can be improved. The interaction with the users of the building is very important. BOFLORA can place sensors to monitor the air quality for everyone. Together we ensure that people can live and work in a healthy environment.

### How do we do that?

With the BO-Sensor, measuring and collecting data about air quality in a building is both simple and affordable.

1. Ambient temperature (C)
2. Relative humidity (%)
3. CO2 level (PPM)
4. PM2.5, Particulate matter measurement ( $\mu\text{g} / \text{m}^3$ )
5. TVOC, Volatile organic compounds (PPM)
6. Sound (dB)



The measurement data of the sensors are logged and are clearly displayed in our web portal. Graphs give you easy insight into all kinds of factors that affect the building and the people. Automatically you will receive a message by e-mail, SMS or app when it is exceeded. ■



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