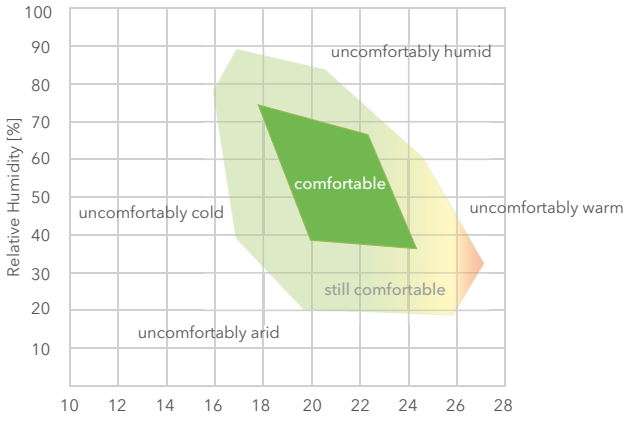
Room climate

The room climate describes the sum of the influences on the comfort of persons while being indoors. It is an essential component of the quality of living conditions and comfort, and is determined mostly by the air temperature and humidity, as well as the CO_2 value.

Most of the time, the air humidity is detected by persons only when reaching extreme values. Often, it is already too late by then and the condensation of high air humidity leads to mold formation at cool surfaces.

The climate in office rooms has a critical impact on the productive efficiency and health of employees. An improvement of the room climate can increase the productivity by up to 15 %, while at the same time decrease the risk of respiratory diseases dramatically.

Measures to improve the room climate can to some extent be taken quickly and straightforward, e.g. by frequent venting and vegetating the office room. The challenge is to measure the "thick air" objectively, and most of all: to be aware of it. The lingering decrease of air quality is often not perceived, although its negative impact is there.



The **new room climate monitor RM 100** is putting things right. It measures air temperature and humidity as well as the CO_2 value at the same time. The measurement values are easily readable due to the large, illuminated display. In addition, the CO_2 level in the air is indicated via three LEDs as good, average or bad. When the limit is exceeded, the RM 100 will raise an acoustic alarm – then it´s high time to vent.

Room climate monitor RM 100

Applications:

- Objective evaluation of the room climate
- Preservation and increase of employees´ power of concentration and productive efficiency
- Increase of comfort and satisfaction
- Decrease of health risks

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