



Stale air is so last year

OBJECTIVE EVALUATION OF THE ROOM CLIMATE

- Preventing mold formation
- Increasing the productive efficiency
- Maintaining comfort
- Measuring wellness

-ebro-
a xylem brand

Room Climate Monitor RM 100

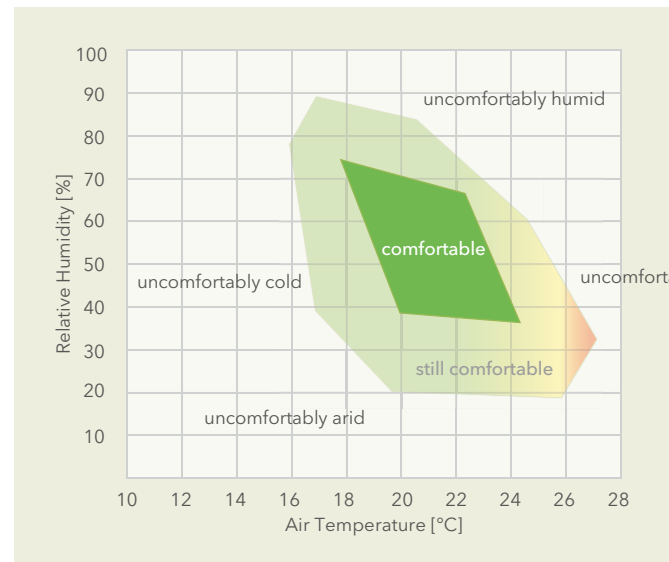
Measuring wellness

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 **CO₂ value**. The room climate monitor **RM 100** measures these.



Maintaining comfort

Temperature and humidity set narrow boundaries for the **comfort**. The room climate monitor **RM 100** shows both and helps creating optimal conditions.



Preventing mold formation

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. This may lead to **corrosion** of structural elements and **physical stress** of the inhabitants. The room climate monitor **RM 100** helps detecting excessive air humidity **in good time**.



Room climate monitor RM 100 with clear display indicating the CO₂ value in the air

For more information please contact us:

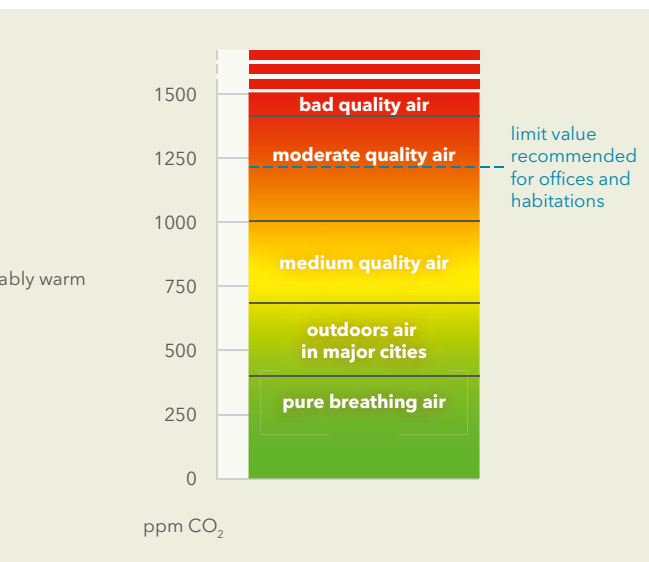
+49 841 95478-0

Evaluating the room climate

An increasing CO₂ value worsens the **coziness** and **productive efficiency**. The room climate monitor **RM 100** helps evaluating the quality of the room climate **objectively**.

Increasing the productive efficiency

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 decreasing the risk of **respiratory diseases** dramatically. The room climate monitor **RM 100** helps attaining this goal.



measurement display and three LEDs

Detecting a bad atmosphere

Frequent venting and vegetating the office room improve the room climate **quickly and straightforward** to some extent. 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 room climate monitor **RM 100** then sounds the alarm - but only if required. This way, excessive venting can be prevented, reducing **energy costs**.

Clear measurement display

The room climate monitor **RM 100** measures the air temperature and humidity as well as the CO₂ value. The measurements are clearly visible in the **large, illuminated display**. In addition, three **LEDs** indicate the CO₂ value in the air as good, medium or bad, respectively.



Acoustic Alarm

When the limit for the CO₂ value is exceeded, the room climate monitor **RM 100** will raise an **acoustic alarm** - then it's high time to vent. This alarm tone can be muted permanently via the **MUTE-button**.

Calibration certificate

Every room climate monitor **RM 100** is shipped with a **certificate of calibration**. This is proof of the **accuracy** and **reliability** of your device.

Technical Data:

| | |
|-----------------------------------|------------------------------|
| Measurement range CO ₂ | 0 ... 3000ppm |
| Measurement range temp. | 0°C ... +50°C |
| Measurement range humidity | 20% ... 90%rH |
| Operation temperature | 0°C ... +50°C |
| Storage temperature | -20°C ... +60°C |
| Power supply | USB or 5V-Adapter (included) |
| Dimensions | 137 x 99 x 29mm |
| Weight | 200g |

How to order:

| Type | Description | Part No. |
|--------|----------------------|-----------|
| RM 100 | Room climate monitor | 1348-0001 |

-ebro-
a xylem brand

WTW GmbH
Business Unit ebro Electronic
Peringerstr. 10
85055 Ingolstadt, Germany

Phone +49 841 95478-0
Fax +49 841 95478-80
Internet: www.ebro.com
Email: ebro@xylem-inc.com

ebro at YouTube

Subscribe to our YouTube channel, and be updated about our new video uploads!

<http://www.youtube.com/ebrogmbh>



You Tube

ebro Electronic is a business unit of WTW Wissenschaftlich-Technische Werkstätten GmbH. All names are registered tradenames or trademarks of Xylem Inc. or one of its subsidiaries. Technical changes reserved.
© 2016 WTW GmbH. 1347-0060 March 2016

 /ebro.electronic