

Messung der Luftqualität nach IAQ Index

In order to improve the air quality in rooms, it is helpful to permanently check the quality. It is important to interpret the measured values and to understand their effects in order to take measures in time to prevent effects on humans.

The following table shows the different levels of air quality evaluated according to your Indoor Air Quality Index (IAQ).

IAQ Index	Air quality	Effects (long-term exposure)	Proposed action
0 – 50	Excellent	Clean air; the best for your well-being	No action required
51 – 100	Good	No irritation or effects on well-being	No action required
101 – 150	Slightly contaminated	Reduction of well-being possible	Ventilation suggested
151 – 200	Moderately contaminated	Clearer irritation possible	Increase ventilation with clean air
201 – 250	Highly contaminated	Exposure can cause effects such as headaches, depending on the nature of the VOCs	Improve ventilation
> 250	Highly contaminated	More serious health problems possible if harmful VOCs are present	Contamination should be identified if the level is reached without the presence of people; maximize ventilation & reduce presence

Fire probability

IAQ Index	Fire probability
300	No Fire probability
301 - 350	Low Fire probability
351 - 400	Increased fire probability
> 400	High fire probability