

Air quality monitoring box

Building ventilation – reducing energy requirements



BOSCH

Invented for life



Check

Flexible handling of the air quality monitoring box enables the efficiency of measures taken to be examined immediately and adjusted by additional steps if necessary.

Capture

Due to the mobile application option, air quality in the respective scenario can be recorded both inside and outside the buildings. Particle loads can be established in manufacturing areas in particular. This helps to ensure the highest product quality and reduces service costs at the same time.

Analyze

The clearly arranged representation of all measurement data using Bosch visualization software makes it possible to detect individual events precisely, thanks to the system's high time resolution. Users are supported by a dashboard specially designed for this purpose.

Implement

Swift integration in the existing building control technology is possible, making it possible to implement the requisite measures even faster and more effectively.

Develop

Depending on the local conditions, initial improvements can be derived on the basis of analysis expertise.

Possibilities include:

- ▶ controlling the fan speed depending on the day of the week, workload, manufacturing process
- ▶ controlling the level of recirculation depending on outdoor versus indoor air quality
- ▶ selective modernization of the system
- ▶ continuous efficiency checks of the filter levels

